Medtronic

MAINSPRING® DATA EXPRESS
MDTCSG2 Version 7.0

Mainspring® Data Express Connectivity Guide

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Medtronic, Paceart Optima, CareLink, Mainspring, Medtronic CareLink

Contents

Mainspring Data Express

Mainspring – like the inner workings of a clock – it is the power source that facilitates the movement of cardiac data within your clinic, and between various departments within your organization.

Mainspring Data Express is a comprehensive solution for your cardiac patients, bringing together device and patient data from the Paceart System, the Medtronic CareLink Network, the CareLink Programmer, the Boston Scientific LATITUDE® Patient Management system, the St. Jude Medical Merlin.net® Patient Care Network, your EHR System, and local network.

In order to simplify the process of connecting and sharing demographic, scheduling, and device data between Medtronic applications and electronic health record systems (EHRs), Medtronic has developed Mainspring Data Express. This software application serves as the primary tool to move and share data for device patients. Mainspring Data Express helps to streamline the implementation and on-going maintenance of data movement between applications.

This manual explains the process for installing the Mainspring Data Express software and configuring the features.

Explanation of symbols

Symbol	Symbol definition
[i]	Consult instructions for use
! USA	For US audiences only
EC REP	Authorized Representative in the European Community
(manufacturer symbol)	Manufacturer
LOT	Lot number
REF	Re-order number
(date of manufacture symbol)	Date of Manufacture
(WEEE symbol)	Do not dispose of this product in the unsorted municipal waste stream. Dispose of this product according to local regulations. See http://recycling.medtronic.com for instructions on proper disposal of this product.
+XX°C +XX°F −XX°C −XX°F	Temperature Limitation
XX% XX%	Humidity Limitation

Symbol	Symbol definition
	Software

Indications

Mainspring Data Express is an optional component of the Medtronic CareLink Network and the Paceart Optima System. Mainspring Data Express can be used to provide data integration between disparate systems, using a defined mapping.

For more information on the Medtronic CareLink Network, refer to the CareLink Network Online Help.

For more information on the Paceart Optima System, refer to the *Paceart Optima System Software User Manual* or the Paceart Optima System Online Help.

Precautions

Mainspring Data Express USBs must be stored within the following conditions:

Storage Environment	
Temperature	-20°C (-4°F) to +45°C (113°F)
Relative Humidity	20% to 90%

Mainspring Data Express USBs must be operating in an environment within the following conditions:

Operating Environment	
Temperature	0°C (32°F) to +35°C (95°F)
Relative Humidity	20% to 90%

Call customer service or your biomedical department for service and repairs.

Contraindications

No known contraindications.

Mainspring Data Express Authorized Users

Medtronic representatives provide the Mainspring Data Express orientation and training materials at the time of the installation. Users should be familiar with the Mainspring Data Express documents before using Mainspring Data Express.

Technical Support

In the US and Canada, call 1-800-929-4043 and select option 3. For all other countries contact your local Medtronic representative.

Mainspring Data Express Software Prerequisites

Before you install and configure the Mainspring Data Express software you must complete the following prerequisites:

- Install and Configure MS Message Queuing.
- Create a Mainspring Data Express user on the Paceart System Database if you are using SQL Server authentication (not needed if using Windows Authentication).

Installation Prerequisites

First Time Installation

If you are installing the Mainspring Data Express software for the first time, and not an upgrade, you must complete the following prerequisites before you can install the Mainspring Data Express software.

- Create an External Systems Account on the CareLink Network. For instructions on how to create an External Systems Account, refer to the CareLink Network Online Help.
- Create a Paceart System External System Account User and Role. For instructions refer to the Paceart Optima System online Help.
- Install .Net Framework version 4.5.2 (or newer).
- Install and configure MS Message Queuing.
- If you will be using the EHR Integration feature, install the Java Runtime Environment version 1.6 or higher.

Upgrade Installation

If you are upgrading to a new version of Mainspring Data Express software you must first stop the existing Connected Systems Gateway service.

You do not need to uninstall your existing Mainspring Data Express software. The new version of the software will import any existing configurations. For example, if you have an existing Paceart System-CareLink scheduling integration configuration, the settings will be saved and used in the new version of the Mainspring Data Express software.

Installing and Configuring MS Message Queuing for Windows 7

Membership in the local Administrators group, or equivalent, is the minimum required to complete this procedure.

1. Open the **Control Panel**.
2. Select the appropriate action based on your system configuration.

   - Click **Programs**, and then under **Programs and Features**, click **Turn Windows features on or off**.

   - Click **Classic View**, double-click **Programs and Features**, and then in the tasks pane, click **Turn Windows features on or off**.

3. Under the **Microsoft Message Queue (MSMQ) Server** option, check the **Microsoft Message Queue (MSMQ) Server Core** option. This enables all of the MSMQ Server Core subfeatures.
4. Click **OK**.
5. If you are prompted to restart the computer, click **OK** to complete the installation.

Installing and Configuring MS Message Queuing for Windows 8.1

Membership in the local Administrators group, or equivalent, is the minimum required to complete this procedure.

1. From the **Charms** bar, click **Settings**.
2. Click **Control Panel**.
3. Click **Programs**, and then under **Programs and Features**, click **Turn Windows features on or off**.
4. Under the **Microsoft Message Queue (MSMQ) Server** option, check the **Microsoft Message Queue (MSMQ) Server Core** option. This enables all of the MSMQ Server Core subfeatures.
5. Click **OK**.
6. If you are prompted to restart the computer, click **OK** to complete the installation.

Installing and Configuring MS Message Queuing for Windows Server 2008

Membership in the local Administrators group, or equivalent, is the minimum required to complete this procedure.

1. Click **Start** > **Control Panel**.
2. Double-click **Programs and Features**.
3. Click **Turn Windows features on or off**.
   The **Server Manager** window is displayed.
4. Select **Add Features** in the **Features and Summary** section.
   The **Add Feature Wizard** dialog is displayed.
5. Under the **Message Queuing** > **Message Queuing Services** option, select the **Message Queuing Server** option.
6. Click **Next** on the **Add Feature Wizard** dialog box to select features.
7. Click Install on the **Add Feature Wizard** dialog box to confirm your installation selections.
8. When the installation is complete, click **Close**.

Installing and Configuring MS Message Queuing for Windows Server 2008 R2

Membership in the local Administrators group, or equivalent, is the minimum required to complete this procedure.

1. Click **Start** > **Programs** > **Administrative Tools** > **Server Manager**.
2. In the **Server Manager**, click **Add Features** to start the **Add Features Wizard**.
3. Expand **MSMQ**, expand **MSMQ Services**, and then select the **Message Queuing Server** option.
4. Click **Next**, and then click **Install**.
5. If you are prompted to restart the computer, click **OK** to complete the installation.

Installing and Configuring MS Message Queueing for Windows Server 2012 and Windows Server 2012 R2

Membership in the local Administrators group, or equivalent, is the minimum required to complete this procedure.

1. Launch Server Manager.
2. In the **Server Manager**, click **Add Roles and Features** to start the **Add Roles and Features Wizard**.
3. Click **Next** until the **Features** page opens.
4. Expand **Message Queuing**, expand **Message Queuing Services**, and then select the **Message Queuing Server** option.
5. Click **Next**, and then click **Install**.

6. If you are prompted to restart the computer, click **OK** to complete the installation.

Installing the Java Runtime Environment

If you will be installing the **EHR Integration** feature, you will need to install the Java Runtime Environment version 1.6 or higher.

You do not need to be connected to the internet to install the files.

1. Insert the Mainspring Data Express software USB into your disk drive.
2. Browse to the USB and double-click on **jre-7u10-windows-i586.exe**.
   The installation wizard starts.
3. Click **Install**.
   A progress window is displayed.
4. Once the installation is complete, click **Close**.

Installing .Net 4.5.2 Framework

You must have .Net 4.5.2 Framework (or newer) installed before you install the Mainspring Data Express software.

You do not need to be connected to the internet to install the files.

1. Insert the Mainspring Data Express software USB into your disk drive.
2. Browse to the USB and double-click on **dotNet_452_Setup_web.exe**.
3. Read the Microsoft license agreement and select **I have read and ACCEPT the terms of the License Agreement**.
4. Click **Install**.
   The .Net Framework will install. A progress bar shows the installation progress.
5. Once the setup is complete click **Exit**.

Stopping the Connected Systems Gateway Service

Before you install a new version of the Medtronic Mainspring Data Express software you must stop the existing **Connected Systems Gateway** service.

Membership in the local Administrators group, or equivalent, is the minimum required to complete this procedure.

1. To stop the Connected Systems Gateway service go to **Start** > **Control Panel** > **Administrative Tools** > **Services**.
2. Right-click on the **Connected Systems Gateway** service and select **Stop**.

Installing Mainspring Data Express

Complete the items listed in the prerequisites section before you install and configure the Mainspring Data Express software.

1. To start the installation, insert the Mainspring Data Express installation USB into the computer. The setup program will automatically start.

   If the setup program does not automatically start, you can manually start the installation program by clicking **CSGInstall.exe** on the installation USB.

2. Click **Next**.

3. Enter a destination folder. Click **Change** to change from the default location.

   If you have a previous version of Mainspring Data Express installed, use the same filepath as the previous version.
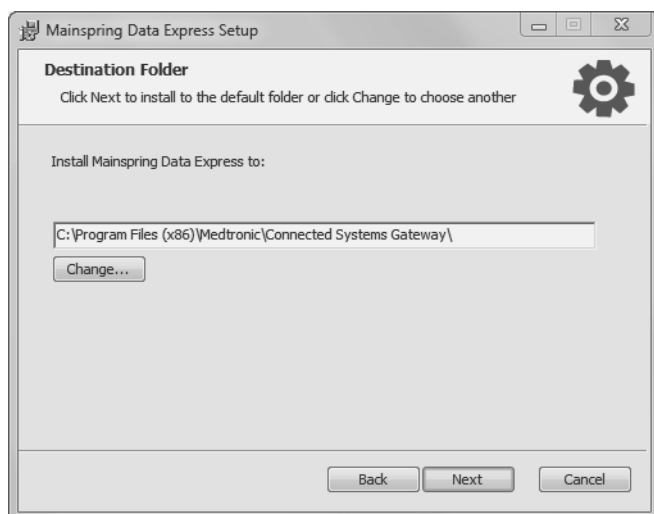
4. Click **Next**.

5. Click **Install**.
   A progress bar shows the installing progress.

6. Select **Launch Medtronic Mainspring Data Express** and then click **Finish** to exit the installation wizard and open the **Medtronic Mainspring Data Express** window.

7. In the **Medtronic Mainspring Data Express** window, select the features you want to enable, then click **Configurations**. You can select multiple features under **Paceart Integration**, but you can only select one feature under **CareLink Integration**.
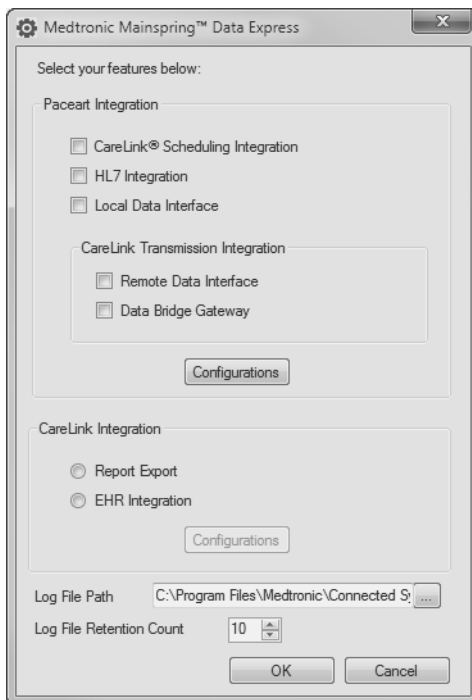
The configuration window for the feature you selected is displayed.

8. Make your configuration changes and click **OK**. Refer to the following sections for information on configuring each feature.
The configuration window closes.

9. Click **OK** to close the **Mainspring Data Express** window.
If you selected **EHR Integration** for the first time, the Mirth Connect installer will launch. Follow the installation steps in the *Installing and Configuring Mirth Connect* section of this document.

If you selected **HL7 Integration** for the first time, the Corepoint Integration Engine installer will launch. Follow the installation steps in the *Installing the Corepoint Integration Engine* section of this document.

Automatically Starting the Connected Systems Gateway After Restart

1. After you verify that your implementation was successful you can set this service to automatically connect. Go to **Start** > **Control Panel** > **Administrative Tools** > **Services.**
2. Right-click on the **Connected Systems Gateway** service and select **Properties**.
3. Select **Automatic** in the **Startup type** field. If you restart your computer this service will automatically restart.
4. Click **OK**.

Log File Configuration

The default location for log files, depending on your operating system will be one of the following locations:

*   For 32 bit operating systems the location is `C:\Program Files\Medtronic\Connected Systems Gateway\Logs\`.
*   For 64 bit operating systems the location is `C:\Program Files (x86)\Medtronic\Connected Systems Gateway\Logs`.

The default log file retention count is 10. You can save up to 99 log files.

Paceart System Integration

The Paceart System Integration section of Mainspring Data Express has the following features:

- CareLink Scheduling Integration: Allows you to exchange scheduling data between the CareLink Network and the Paceart System.
- HL7 Integration: Allows you to import demographic information, scheduling information, and interrogated device data using ORU^R01 messages that conform to the IHE IDCO profile, from electronic medical record systems or practice management systems. Also allows you to export device data to electronic medical record systems via HL7.
- Local Data Interface: Allows you to configure the service that receives patient session data transmitted from local sources, such as a device programmer or Latitude.
- CareLink Transmission Integration: Allows you to configure the service that imports patient session data into the Paceart System from CareLink.

General Paceart System Settings

General Paceart System External System Account

This section gives you a simple way to configure a single account to use with all your all the integration features. To enable this account for all Paceart System features, select the **Use General Paceart External System Account Settings** check box on the feature-specific tab. To use different external system accounts for each feature, clear the **Use General Paceart External System Account Settings** check box on the feature-specific tab, then enter the **Username** and **Password** of the account.

Paceart Optima System Application Server

These settings contain information about the computer on which the Paceart Optima System Application Server is installed. Mainspring Data Express communicates with the Paceart Optima System Application Server using this hostname and port to exchange data between the Paceart System and external sources.

Configuring Paceart System Settings

General Paceart System Settings can be modified by editing the paths. For each of the Paceart Web Services, the localhost need to be replaced with the hostname and port number.

1. To start Mainspring Data Express, go to **Start** > **Programs** > **Medtronic Mainspring Data Express** > **Medtronic Mainspring Data Express**.
2. In the **Medtronic Mainspring Data Express** window, select at least one of the following Paceart Integration features and click **Configurations**:

   - **CareLink Scheduling Integration**
   - **HL7 Integration**
   - **Local Data Interface**
   - **Remote Data Interface**
   - **Data Bridge Gateway**

   The **Paceart Integration** configuration window is displayed.
3. In the **General Paceart Settings** section, edit the settings as needed.
   a) Update the **Username** and `Password` for the external system account set up in the Paceart System.

b) Change the **Hostname** to the domain name or IP address of the computer on which the Paceart Optima System Application Server is installed.

c) Change the **Port** to the port number the Paceart Optima System Application Server uses on that computer. The default value is 333.

4. Click **OK**.

Paceart System Integration Configuration Values

This table explains the fields under **General Paceart Settings** on the **Paceart Integration** configuration window.

Field Name	Explanation
General Paceart External System Account	
Username	The Paceart System External System Account username. This username is defined in the Paceart System on the External System Accounts tab.
Password	The Paceart System External System Account password. This password is defined in the Paceart System on the External System Accounts tab.
Paceart Optima Application Server	
Hostname	The domain name or IP address of the computer on which the Paceart Optima System Application Server is installed.
Port	The port number the Paceart Optima System Application Server domain interface uses. The default value is 333.

CareLink Scheduling Integration

The Paceart System-CareLink Scheduling Integration feature provides a way to automatically synchronize scheduling between the CareLink Network and the Paceart System. If you schedule an appointment in CareLink, it will be downloaded to the Paceart System; if you schedule an appointment in the Paceart System, it will be sent to CareLink.

The Paceart System regularly requests status information for appointments scheduled in CareLink. Schedules are either updated nightly or when a clinician makes a request from the Paceart System.

If an appointment is created in CareLink, CareLink retains ownership until the appointment is sent to the Paceart System. Once the Paceart System is updated to reflect the CareLink Network appointment, the appointment is owned by the Paceart System.

If a remote appointment is created or modified in the Paceart System, the appointment is automatically created or updated in CareLink. Ownership of the appointment remains with the Paceart System.

The Paceart System receives appointment status information that reflects the last known status as reported by CareLink. The remote status is displayed in patient appointment information on the Paceart System. The Paceart System records the completion and failure status details of this information in its log. The Paceart System scheduling requests that violate CareLink Network scheduling rules are displayed as errors in the Paceart System Remote Status field.

When you schedule a remote appointment in the Paceart System, the **Remote Status** will show "Processing." Once the appointment is successfully acknowledged by CareLink, the **Remote Status** will show "Scheduled." If the appointment is not successfully sent to CareLink or if CareLink reports an error, the **Remote Status** will show "Error." An "Error" status can be manually changed to "Ignore." Once the transmission is received by

CareLink, the **Remote Status** will show "Completed." If CareLink determines that an appointment was missed, the **Remote Status** will show "Missed".

Contact your Paceart technical support specialists regarding support for appointment scheduling transfers on the Medtronic CareLink Network.

CareLink Scheduling Integration Prerequisites

Before you configure CareLink Scheduling Integration, you must complete the following prerequisite:

- On the CareLink website, create an External System Account for Mainspring Data Express and enable the Scheduling Integration feature.

Before you use CareLink Scheduling Integration, you must ensure that the Paceart System patient records and appointments meet the following criteria:

- The Paceart System patient record must have a birth date, a patient ID number, and a patient ID number type.
- Appointments created or updated in the Paceart System must have the patient remote follow-up service set to **Medtronic CareLink Network**, and the patient must have an active Medtronic ICD, ICM, or pacemaker that is supported by the Medtronic CareLink Network. To find out if a device is supported, log into CareLink and click **Resources** > **CareLink Supported Implantable Devices**.

Paceart System/CareLink patient matching for a single patient

The primary match is on the patient ID number, patient ID number type, and the birth date. If either of these are not present in the Paceart System, appointments will not be sent to CareLink. If the patient ID number and patient ID number type is not present in the CareLink system, a demographic match is performed. The configurable matching criteria include first name, middle initial, and gender in addition to the last name and birth date which are always used. If the demographic match succeeds, CareLink will record the patient number so future matches will be simpler and quicker.

This matching is performed on CareLink and is used when adding, updating and removing appointments, and when updating remote appointment status.

Paceart System/CareLink patient matching for a batch download

In this scenario, the Paceart System downloads a list of all CareLink patients and appointments and then matches CareLink patients to Paceart System patients. The primary matching is on the patient ID number, patient ID number type, and the birth date. If the patient ID number and ID number type is not present in the CareLink system a much stricter demographic match is performed. This requires a match on the first name, middle initial, last name, gender, and birth date.

Configuring CareLink Scheduling Integration

1. To start Mainspring Data Express, go to **Start** > **Programs** > **Medtronic Mainspring Data Express** > **Medtronic Mainspring Data Express**.
2. In the **Medtronic Mainspring Data Express** window, select **CareLink Scheduling Integration** and click **Configurations**.
   The **Paceart Integration** window is displayed.
3. On the **CareLink Scheduling Integration** tab, enter the applicable values for your CareLink implementation. Refer to the *CareLink Scheduling Integration Configuration Values* table for more explanation on the fields.
4. Click **OK**.

CareLink Scheduling Integration Configuration Values

This table explains the fields on the **CareLink Scheduling Integration** configuration tab.

Field name	Explanation
CareLink Settings	
CareLink Scheduling Service	The name of the CareLink scheduling service that the adapter will use. The default value is "Endpoint_CSA_basicHttpsBinding".
CareLink Scheduling Service Site	The fully qualified path of the CareLink scheduling service that the adapter will use. The default value is "https://clscheduling.medtroniccarelink.net/SchedulingGateway/SchedulingGateway.svc".
External System Account Name	The account name of the dedicated user that will be used to connect to the CareLink Scheduling service. This account name is created and configured on the **External System Accounts** tab on the CareLink website.
External System Authorization Code	The account authorization code that will be used to authenticate the CareLink User ID with the CareLink Scheduling service. This authorization code is created and configured on the **External System Accounts** tab on the CareLink website.
Send Patient First Name	A Boolean value indicating if the Patient First Name value is sent to CareLink. If "True", it will be used by CareLink for patient matching. The default value is "True".
Send Patient Middle Name	A Boolean value indicating if the Patient Middle Name value is sent to CareLink. If "True", it will be used by CareLink for patient matching. The default value is "True".
Send Patient Gender	A Boolean value indicating if the Patient Gender value is sent to CareLink. If "True", it will be used by CareLink for patient matching. The default value is "True".
Paceart Settings	
Patient ID Type Description	The Paceart Patient ID Type Description to associate with the CareLink Remote Patient ID. The default value is "Default".
Appointment Resource	The Paceart Appointment Resource to associate with CareLink remote appointments. The default value is "Default Resource".

Troubleshooting CareLink Scheduling Integration

Troubleshooting scheduling connectivity problems

CareLink

- Verify that the CareLink account used to connect to Mainspring Data Express has a **Transmission Permission** selection of **View changes transmission status from new to viewed**.
- Verify that the CareLink account used to connect to Mainspring Data Express does not have an expired password.
- If the CareLink clinic has sub-clinics, verify that the CareLink account used to connect to the Medtronic Mainspring Data Express has access to the sub-clinics' patients integrated with the Paceart System.
- Verify that you created an External System Account in CareLink.
- Verify that the created External System Account was configured to include Scheduling Integration external system associations.
- Verify that scheduling integration has not been unlinked and verify the "Last Connected on" date/time displayed. Go to the CareLink Network website and click **Manage My Clinic** > **Clinic Profile** > **External Systems Integration**.

Paceart

- Verify that the Paceart System Database Manager is running.
- Verify that the Paceart System database has a Mainspring Data Express user.

- Verify the Paceart System database password associated with the Mainspring Data Express user.
- Verify that the patient's **Demographics** tab in the Paceart System has the patient remote follow-up service set to **Medtronic CareLink Network**, and that the patient has a Medtronic ICD or pacemaker that is supported by the Medtronic CareLink Network. To view the CareLink Network supported devices list, login to the CareLink website and go to **Resources** > **CareLink Supported Implantable Devices**.
- Verify that the Paceart System patient record has a date of birth and a valid patient ID number.

Mainspring Data Express

- Verify that the Mainspring Data Express software and features were properly installed and configured.
- Verify that the correct CareLink hosting system was entered in the **CareLink Scheduling Integration** tab of the **Paceart Integration** dialog box. The CareLink hosting system must match what was entered in the **Remote Data Interface** tab. To verify these details, the Remote Data Interface feature should be selected in the Medtronic Mainspring Data Express window.
- Verify that the Connected Systems Gateway service was started.

Paceart Optima System HL7 Integration

Viewing and Resolving Errors

In the Paceart Optima System, you can view and resolve HL7 errors in **Administration** > **Activity Log**. The Patient Management service logs all patient information changes from the HL7 protocol. Any additions, deletions, and updates to patient records from HL7-based systems are logged under this service in the Activity Log. In some instances, a work item is created and requires a Paceart System user or workgroup to resolve the issue.

For a complete list of Activity Log Results, refer to the *Paceart Optima System Software User Manual* or the Paceart Optima System online Help.

Paceart Optima System Patient ID Configuration

In the Paceart Optima System, a patient can have multiple patient IDs. You can configure patient IDs on the **Administration** > **Demographics** > **Patient ID Type** tab. Matching an inbound patient ID involves matching both the ID number and the ID type. By default, the Paceart System matches the first occurrence of the PID-3 segment to patient ID number and patient ID type.

For example, your Paceart Optima System has a patient ID type called "EMR".

Patient ID Type Information	
Key	**Description**
◆	Default
	Paceart
	EMR
	Clinical Study

You receive the following PID segment in an HL7 message:

```
PID|||1335579^^^^EMR~654321^^^^MRN|
```

This would match a patient in the Paceart System with an "EMR" type ID and a patient ID number of "1335579".

Paceart Optima System Patient Matching Configuration

In the Paceart Optima System, you must configure patient matching on the **Administration** > **Connectivity Management** > **Patient Matching Configuration** tab.

Patient matching is initially based on the patient ID only. You can configure a second level of patient matching in the **Verify Patient Match Configuration** section. If a patient match cannot be made using the patient ID, matching can also be configured based on patient demographic information in the **Demographics Only Match Configuration** section. These levels of matching can determine when a new patient is created in the Paceart System, when an error is logged, and when a work item is created.

For more information on configuring Paceart Optima System patient matching, refer to the *Paceart Optima System Software User Manual* or the Paceart Optima System online Help.

Configuring Paceart HL7 Integration

1. To start Mainspring Data Express, click **Start** > **Programs** > **Medtronic Mainspring Data Express** > **Medtronic Mainspring Data Express**.
2. In the **Medtronic Mainspring Data Express** window, select **HL7 Integration** and click **Configurations**. The **Paceart Integration** configuration window is displayed.
3. In the **HL7 Integration** tab, enter the values for your configuration.
4. Click **OK** to close the **Paceart Integration** configuration window.

HL7 Integration Configuration Values

This table explains the fields on the **HL7 Integration** configuration tab.

Field name	Explanation
HL7 Outbound	
Outbound Include Episode Observations	Boolean value providing an option to include episode data in the HL7 message sent to the receiving system. Inclusion of this data may add to the size of the message. The default value is "False" (do not send episode data).
Include Nonconforming Data	Boolean value providing an option to include nonconforming data in the HL7 message sent to the receiving system. Inclusion of this data may add to the size of the message. The default value is "True".
Include IDCO Nonconforming Data	Boolean value providing an option to include IDCO nonconforming data in the HL7 message sent to the receiving system. Inclusion of this data may add to the size of the message. The default value is "True".

Field name	Explanation
Include Medtronic OBX Segments	Boolean value providing an option to include Medtronic OBX segments in the HL7 message sent to the receiving system. Inclusion of this data may add to the size of the message. The default value is "True".
Include PV2 Segment	Boolean value providing an option to include the PV2 segment in the HL7 message sent to the receiving system. Inclusion of this data may add to the size of the message. The default value is "True".
Paceart	
Paceart XML Version	The version of Paceart XML that will be exported from the Paceart System to HL7. This value is for reference only and cannot be edited.

Installing the Corepoint Integration Engine

If you selected the Paceart HL7 Integration feature, the Corepoint Integration Engine is installed if it is not already installed. If you have a previous version of NeoIntegrate installed, you need to remove it and install the Corepoint Integration Engine.

The Corepoint Integration Engine installation is only launched one time. If you cancel the installation or need to re-execute the installation, you must first delete the following file to allow the Corepoint Integration Engine installation to be launched again:`C:\Program Files (x86)\Medtronic\Connected Systems Gateway\HL7SubSystem\Installed`. (The path is different if the default destination folder was modified.)

During the Corepoint Integration Engine installation, a dialog box may be displayed that states "The installation of Microsoft Visual C++ 2008 Redistributable Package (x86) appears to have failed. Do you want to continue the Installation?" If this dialog box is displayed, click **Yes** and continue the installation.

1. On the **Corepoint Health Solutions - InstallShield Wizard** window, click **Next**.
2. Read the license agreement. Click **Next** to accept it.
3. Specify a destination folder. Click **Change** to change the default location, and then click **Next**.
4. Select the type of installation you want and click **Next**.
5. Select the products you want to install. The default selection is **Corepoint Integration Engine**. Click **Next**.
6. If your Paceart System uses SessionSync, you have a port conflict. Specify which alternate ports you would like to use, and then click **Next**.
7. Enter an Administrator password and click **Next**.
8. Click **Install** to install the Corepoint Integration Engine.
9. When the installation is complete, you can launch the license manager. If you already have your license string select this option and click **Finish**.

   Note: If you do not have your license string deselect the **Launch the License Manager** option and call Paceart Technical Support for licensing information.

   After you click **Finish**, the **Log On** dialog is displayed. The **Medtronic Mainspring Data Express** window also opens in front of the **Log On** dialog. Move the window out of the way.
10. Enter the username and password you specified in step 6, and then click **OK**.
11. On the **LicenseManager** window, click **License wizard**.
    The License Wizard starts.
12. Click **Next**.
13. Select the **Request a license using a product key** option, and then click **Next**.

14. On the **Machine description** dialog box, enter a description of how this license is used, and then click **Next**.
For example, "St. Elsewhere Hospital Production Server"

15. On the **Connection and login information** dialog box, enter the Web login provided by Operations and Technical Services and connection details and click **Next**.

16. Click **Connect** to contact Corepointhealth.com to obtain your license.

17. After you have connected to Corepointhealth.com click **Next**.

18. Click **Finish**.

19. On the **LicenseManager** window, click **Exit**.

20. After exiting the license manager, you can load the Corepoint Health configuration import/export file. Run the Corepoint Integration Engine Administration console by clicking **Start** > **All Programs** > **Corepoint Health** > **Corepoint Integration Engine** > **Corepoint Integration Engine - Administration**.

21. Enter the user name and password you specified when installing the Corepoint Integration Engine and click **OK**.
The **Corepoint Integration Engine Administration Console** window is displayed.

22. Ensure that the Integration Engine Service is started.

23. Close the **Corepoint Integration Engine Administration Console** window.

24. Open the Corepoint Integration Engine Configuration console by clicking **Start** > **All Programs** > **Corepoint Health** > **Corepoint Integration Engine** > **Corepoint Integration Engine - Configuration**.

25. Enter the user name and password you specified when installing the Corepoint Integration Engine and click **OK**.
The **Corepoint Integration Engine Configuration** window is displayed.

26. Click **File** > **Import**.
The **Open File** window is displayed.

27. Navigate to the configuration file folder at `C:\Program Files\Common Files\Medtronic\CSG Shared Files\`.

28. Double-click the `HL7 Source and Destination Transformation.nix` file.
The **Import selected components** window is displayed.

29. Select all of the components and click **Import**.

30. Click **OK** after the components have been loaded.

31. Commit the update to the Corepoint Integration Engine by clicking **Version** > **Commit All...**
The **Commit Changes** dialog box is displayed.

32. Click **Commit and Activate** at the bottom of the dialog box.

33. When the **Confirm Engine Reconfiguration** dialog box is displayed, click **Commit and Activate** again to confirm your changes.
The Corepoint Integration Engine pauses and restarts to commit the update.

34. Close the **Corepoint Integration Engine Configuration** window.

Troubleshooting Paceart HL7 Integration

Troubleshooting Paceart HL7 integration problems

Paceart

- Verify that the Paceart System database has a Mainspring Data Express user.
- Verify the Paceart System database password associated with the Mainspring Data Express user.
- Verify that the Paceart System patient record has a date of birth and a valid patient ID number.

Mainspring Data Express

- Verify that the Mainspring Data Express software and features were properly installed and configured.

- Verify that the Connected Systems Gateway service was started.

Programmer Acquisition service cannot start Event Log message

If in the Event Log for the Programmer Acquisition service you receive an error message that says "Programmer Acquisition service cannot start", you need to change the Corepoint Integration Engine port value.

1. Click **Start** > **Programs** > **Corepoint Health** > **Corepoint Integration Engine** > **Corepoint Integration Engine - Configuration**.
2. Click **Service** > **Corepoint Integration Engine Monitor Service Configuration**.
   The **Corepoint Integration Engine Monitor Service Configuration** window is displayed.
3. Change the port value.
4. Click **OK**.

Local Data Interface

The Local Data Interface allows you to configure the service that receives patient session data transmitted from local sources, such as a programmer or LATITUDE. You can start and stop the service, configure advanced options, and enable or disable transmissions from enabled sources.

Updating the Local Data Interface Port Number

The value in the **Port** field on the **Local Data Interface** tab identifies the port Mainspring Data Express uses to receive data from local sources. This value must match the value of the port configured for the programmer or for LATITUDE.

1. If needed, change the value in the **Port** field to match the port configured for the local source. The default value is 443.
2. Click **OK** to save your changes.

Local Data Interface Extended Configurations

This table explains the fields on the **LDI Extended Configurations** window.

Field name	Explanation
Manufacturer Name	The manufacturer name of the data provided by a specific system. For example, "Medtronic".
Encounter Type	The type of data provided by a specific system. The default value is "InClinic".
Username	The username for a user-defined local data interface extended configuration.
Password	The password for a user-defined local data interface extended configuration.

Local Data Interface certificate installation

The digital certificate allows a secure connection to be established between a data import source and the Paceart System. You must complete the certificate installation before you can import data from other sources.

You will generate a certificate request that you will email to Paceart Technical Support. Then Technical Support will email you back the certificate file that you will import into your system and install.

If you have questions please call Paceart Technical Support.

Installing the Certificate

1. On the **Local Data Interface** tab, click **Generate Request**.
   The **Export Certificate Request** window is displayed.
2. In the **Customer Information** section, enter your information in the following required fields:

   - **Organization**
   - **State or Province**
   - **Country**

3. In the **Contact Information** section, enter your information in the following required field:

   - **Email** - must be in standard email format (the certificate will be emailed to this email address)

4. From the **Server Addressing** section, select how you would like the data import source to address the Local Data Interface. Select the check box next to **Host Name** or **IP Address**.
5. Click **Export Certificate Request to a File**.
6. Select the location where you would like to save the certificate request file. You must save to a location that can be accessed by a workstation or computer that has email. The default file location is `C:\PaceartGatewayCertificateRequest.McertReq`.
7. Once the file has been successfully exported, click **OK**.
8. Send an e-mail with the exported certificate request file to Paceart Technical Support at CertSupport@Medtronic.com.
9. Technical Support will then send the certificate file to the email address you specified.

   Note: Some days may elapse before you receive the certificate. The certificate is usually sent out within one business day.

10. Save the certificate file to a location that is accessible from the Paceart System computer. The default filename is `C:\PaceartGatewayCertificate.MCert`.
11. Click **Install Certificate**.
12. Find and select the file using the standard Windows dialog and click **Open**.
13. If you have completed the installation successfully, the **Digital Certificate** section will display **Digital Certificate has been installed.** If you receive an error message, call Paceart Technical Support.

Enabling a data import source

You must install the certificate before you can enable a source for data import.

1. Click on the source ID listed in the **Available for Data Import** table to select it.
2. Click **Add**.
3. The source ID will now be in the **Enabled for Data Import** table.
4. Click **OK** for the changes to take effect. This source is now able to import data to the Paceart System.

CareLink Transmission Integration

The CareLink Transmission Integration options control how the Paceart Optima System receives transmissions from the CareLink Network through Mainspring Data Express.

- Configure the Remote Data Interface service to import patient session data from the CareLink Network upon request by the Paceart System.

  The Remote Data Interface service allows patient session data to be imported from Carelink when requested from within the Paceart Optima System. This service also allows you to import historical transmissions from CareLink over the period you specify.

- Configure the Data Bridge Gateway service to export patient session data from the CareLink Network and import it into the Paceart Optima System.

Remote Data Interface

The Remote Data Interface allows you to configure the service that imports patient session data from remote sources, such as the Medtronic CareLink Network. You can start and stop the service, specify the polling interval, select the service's auto start options, and configure the login information for remote follow-up services.

Configuring Remote Data Interface

1. To start Mainspring Data Express, go to **Start** > **Programs** > **Medtronic Mainspring Data Express** > **Medtronic Mainspring Data Express**.
2. In the **Medtronic Mainspring Data Express** window, select **Remote Data Interface** and click **Configurations**.
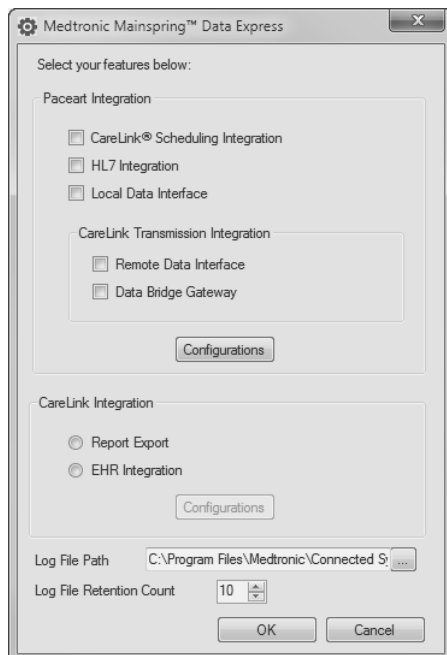
The **Paceart Integration** configuration window is displayed.

3. On the **Remote Data Interface** tab enter the applicable values for your implementation. Refer to the *Remote Data Interface Configuration Values* table for more explanation on the fields.

4. If you receive data from more than one remote system, you must have a separate Remote Data Interface configuration for each system. Click **Add** to create additional configurations for additional remote systems. You can create up to 5 configurations.

5. Click **OK**.

Remote Data Interface Configuration Values

This table explains the fields on the **Remote Data Interface** configuration tab.

Field name	Explanation
Carelink 1	
Data Service	The name of the service. The default value is "Endpoint_CSA_basicHttpsBinding".
Data Service Site	The URL to access the data service(s) of a specific system. For CareLink, this is referred to as the Transmission Gateway Service.
System Account Name	The account name used to connect to the CareLink system. This account name is created and configured on the **External System Accounts** tab on the CareLink website.
System Account Access Code	The authorization code used to connect to the CareLink website. This authorization code is configured on the **External System Accounts** tab on the CareLink website.
Manufacturer Name	The manufacturer name of the data provided by a specific system. For CareLink, this value is "Medtronic".
Application ID	The name of the external system. For CareLink, this value is "CareLink".
Encounter Type	The type of data provided by a specific system. For CareLink, this value is "Remote".
Clinic Request (Days of History)	The value indicating how many days of history to request from the external system. The default value is 7.

Enabling remote data acquisition in the Paceart System

After you have configured Remote Data Interface for Mainspring Data Express, you need to enable remote data acquisition in the Paceart System.

1. Log in to the Paceart System.
2. Use the connectivity tools available in the Paceart System administration to set up remote encounter acquisition. You can enable remote encounter acquisition and set up nightly imports.

   For instructions, refer to the Paceart Optima System online Help or the Paceart Optima System Software User Manual.

Data Bridge Gateway

The CareLink Data Bridge Gateway allows you to export patient session data from the CareLink Network and import it into your Paceart Optima System.

When a CareLink Clinic Administrator enables the EHR Integration feature, an External System Account is created that has privileges to retrieve data for that clinic. These External System Account credentials are used by Mainspring Data Express to access the Data Bridge Gateway.

Enabling Data Bridge Gateway Integration in CareLink

Before you can configure the Data Bridge Gateway integration, you need to set up an external system account for Mainspring Data Express in the CareLink Network.

1. On the CareLink Network website, create an **External System Account** for Mainspring Data Express. For that **External System Account**, enable and configure the EHR Integration feature. For instructions, refer to the CareLink Network online Help.

   The EHR Integration feature in CareLink sets up the credentials needed for Mainspring Data Express to access the Data Bridge Gateway and retrieve patient session data.

2. On your network, install and configure the Mainspring Data Express software (install prerequisites first).

3. Enable and configure the **Data Bridge Gateway** feature in Mainspring Data Express.

4. Test your configuration by putting it into **Test** on the CareLink Network and export data. After you have tested your integration, move your configuration to **Production** on the CareLink Network. For instructions, refer to the CareLink network online Help.

Configuring Data Bridge Gateway

1. To start Mainspring Data Express, go to **Start** > **Programs** > **Medtronic Mainspring Data Express** > **Medtronic Mainspring Data Express**.

2. In the **Medtronic Mainspring Data Express** window, select **Data Bridge Gateway** and click **Configurations**.
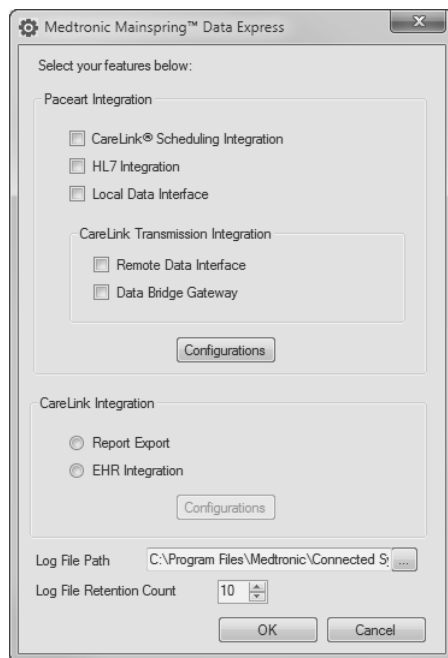
   The **Paceart Integration** configuration window is displayed.

3. On the **CareLink DataBridge Gateway** tab, enter the applicable values for your implementation. Refer to the *CareLink DataBridge Gateway Configuration Values* table for more explanation on the fields.

4. If you receive data from more than one remote CareLink Network system, you must have a separate Data Bridge Gateway configuration for each system. Click **Add** to create additional configurations for additional remote systems. You can create up to 15 configurations.

5. Click **OK**.

CareLink DataBridge Gateway Configuration Values

This table explains the fields on the **Data Bridge Gateway** configuration tab.

Field Name	Explanation
Configuration 1	
Description	An optional field for entering the name of your configuration. Limit 15 configurations.
Data Bridge Service	The name of the CareLink Data Bridge service the adapter will use. The default is "Endpoint_CSA_basicHttpsBinding"
Data Bridge Service Site	The path of the CareLink Data Bridge Service site that the adapter will use. • To connect in the US and Canada, select https://cl-emr.medtroniccarelink.net/ DataBridgeGateway/DataBridgeGatewayService.svc • To connect in Europe and Asia, select http://cl-emr.europe.medtroniccarelink.net/ DataBridgeGateway/DataBridgeGatewayService.svc
External System Account Name	The account name used to connect to the CareLink system. This account name is created and configured on the **External System Accounts** tab on the CareLink website.
External System Account Authorization Code	The authorization code used to connect to the CareLink website. This authorization code is configured on the **External System Accounts** tab on the CareLink website.

Troubleshooting Data Bridge Gateway Integration

CareLink EHR Integration

- Verify that the Mainspring Data Express software prerequisites were installed or configured correctly.
- Verify that you selected the correct **Data Bridge Service Site** for your geography.
- Verify that the **External System Account Name** and **External System Account Authorization Code** match what was created in CareLink on the **External System Accounts** tab.
- Verify that you've selected **True** in the **Use Specified Credentials** field if the report destination requires you to enter a Windows username and password. Then verify that the Windows username and password were entered correctly in the **Username** and **Password** fields.
- Verify that the **Connected Systems Gateway** service was started.

Paceart Integration

- Verify that the Paceart System Database Manager is running.
- Verify that the Paceart System database has a Mainspring Data Express user.
- Verify the Paceart System database password associated with the Mainspring Data Express user.

CareLink Integration

The CareLink Integration section of Mainspring Data Express has the following features:

- Report Export allows you to save CareLink Network reports to a network location.
- EHR Integration allows you to export patient data from the CareLink Network and integrate into your clinic's Electronic Health Records (EHR) system.

CareLink Report Export

Reports can be exported from CareLink to an external system, like your clinic's Electronic Health Records (EHR) system.

When the Report Export feature is enabled, you can use a default file naming format, or customize the filename format by adding an additional field. You must have full administrative privileges in CareLink to edit the filename format.

To export reports, Mainspring Data Express must be installed and configured, and a CareLink Network Connection between Mainspring Data Express and the CareLink Network must be established.

There is a process to install and configure the **Report Export** feature.

1. On the CareLink Network website, create an **External System Account** for Mainspring Data Express. Enable and configure the **Report Export** feature for that **External System Account**. For instructions refer to the CareLink Network Online Help.
2. On your network, install and configure Mainspring Data Express (install prerequisites first).
3. Enable the **Report Export** feature in Mainspring Data Express.
4. On the CareLink website, export a report from CareLink and ensure that it arrives in the correct location.

Configuring CareLink Report Export

1. To start Mainspring Data Express, go to **Start** > **Programs** > **Medtronic Mainspring Data Express** > **Medtronic Mainspring Data Express**.
2. In the **Medtronic Mainspring Data Express** window, select **Report Export** and click **Configurations**.
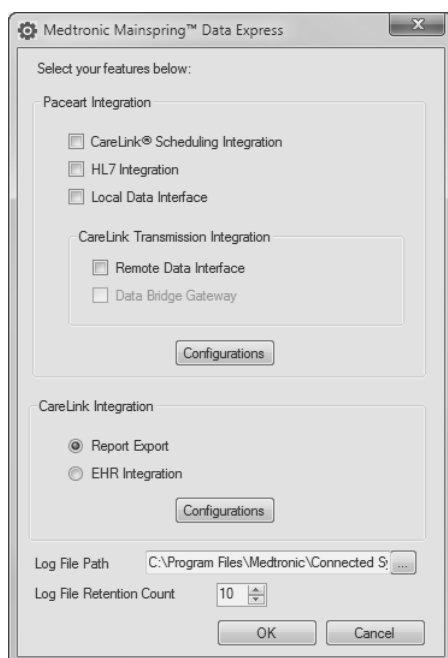
The **CareLink Report Export** configuration window is displayed.

3. On the **Configuration1** tab enter the applicable values for your CareLink implementation. Refer to the *CareLink Report Export Configuration Values* table for more explanation on the fields.

4. If you have satellite clinics in CareLink you must have a separate Report Export configuration for each clinic. Click **Add** to create additional configurations for other clinics.

5. Click **OK**.

CareLink Report Export Configuration Values

If you have satellite clinics in CareLink you must have a separate configuration for each clinic. Click **Add** to create additional configurations for other clinics. You may have up to 15 configurations. Each configuration must have a unique **External System Account Name**.

This table explains the fields on the **CareLink Report Export** configuration window.

Callout number	Field name	Explanation
1	Description	An optional field for entering the name of your configuration. Limit 15 configurations.
2	Data Bridge Service	The name of the CareLink reporting service the adapter will use. The default is "Endpoint_CSA_basicHttpsBinding".
3	Data Bridge Service Site	The path of the CareLink Data Bridge Service site that the adapter will use. • To connect in the US and Canada select " https://cl-emr.medtroniccarelink.net/DataBridgeGateway/DataBridgeGatewayService.svc" • To connect in Europe and Asia select "http://cl-emr.europe.medtroniccarelink.net/DataBridgeGateway/DataBridgeGatewayService.svc "
4	External System Account Name	The account name used to connect to the CareLink system. This account name is created and configured on the **External System Accounts** tab on the CareLink website.

Callout number	Field name	Explanation
5	External System Account Authorization Code	The authorization code used to connect to the CareLink website. This authorization code is configured on the **External System Accounts** tab on the CareLink website.
6	File Folder Location	The file destination path where CareLink PDF reports are exported. On the CareLink website this is called the document folder. The file destination path can be specified as a UNC path (\\ComputerName\SharedFolder\Reports) or a mapped drive (z:\\computer\reports). Using a mapped drive allows you to use a shorter file name but the computer hosting Mainspring Data Express must have the network drive mapped to it.
7	Use Specified Credentials	A "True" value indicates that the Windows Username and Password field values should be used as authentication credentials when accessing the destination path. A "False" value indicates that a username and password are not required to access the destination path. The default is "False".
8	Username	When Use Specified Credentials is "True", this is the Windows username that will be used when accessing the destination file system. The Windows username value should follow the UPN (User Principal Name) format username@domain. For example BSMITH@ENT.
9	Password	When Use Specified Credentials is "True", this is the password associated to the Windows Username that will be used when accessing the destination file system.
10	Overwrite Existing File(s)	A "True" value indicates that the adapter will overwrite an existing file with a new file of the same name. A "False" value indicates that the adapter will not overwrite an existing file with a new file of the same name. The default is "True".
11	Minimum Available Disk Space	The minimum amount of free space in MB on the destination file system required for the adapter to initialize. The default is "15" MB.

Enabling and Verifying Mainspring Report Export

After you install and configure Mainspring Report Export you need to enable the Report Export feature on the CareLink website.

1. Log into the CareLink website.
2. Click **Manage My Clinic** > **Clinic Profile** > **External Systems Integration**.
3. In the **Report Export** section, select **Yes** to enable report export.

   Note: You can configure the report filename. For more information on configuring the filename refer to the Editing Report Filename for Report Export topic in the CareLink online Help.

4. Click **Save**.
5. After you have enabled the feature, export a sample report from CareLink.
6. Browse to the documentation folder location and verify that the sample report was successfully exported.

Troubleshooting Report Export

CareLink Report Export

- Verify that the Mainspring Data Express software prerequisites were installed or configured correctly.
- Verify that you selected the correct **Data Bridge Service Site** for your geography.
- Verify that the **External System Account Name** and **External System Account Authorization Code** match what was created in CareLink on the **External System Accounts** tab.
- Verify that you've selected **True** in the **Use Specified Credentials** field if the report destination requires you to enter a Windows username and password. Then verify that the Windows username and password were entered correctly in the **Username** and **Password** fields.
- Verify that the Connected Systems Gateway service was started.

Mainspring Report Export on CareLink

- Verify that you created an External System Account in CareLink.
- Verify that the created External System Account was configured to include Report Export external system associations.
- Verify that Report Export was enabled on the **External System Integration** tab of the CareLink website.
- Verify that the Report Export file naming format was configured as desired.

CareLink EHR Integration

CareLink EHR Integration allows you to export patient data from the CareLink Network and import it into your clinic's Electronic Health Records (EHR) system. This feature uses Mirth Connect to route the data exported from the CareLink Network to your EHR.

There is a process to install and configure the Mainspring Report Export feature.

1. On the CareLink Network website, create an **External System Account** for Mainspring Data Express. For that **External System Account** enable and configure the EHR Integration feature. For instructions refer to the CareLink Network online Help.
2. On your network, install and configure the Mainspring Data Express software (install prerequisites first).
3. Enable the **EHR Integration** feature in Mainspring Data Express.
4. Install and configure the **Mirth Connect** software.
5. Test your configuration by putting it into **Test** on the CareLink Network and export data. After you have tested your integration, move your configuration to **Production** on the CareLink Network. For instructions refer to the CareLink Network online Help.

Configuring EHR Integration

1. To start Mainspring Data Express, go to **Start** > **Programs** > **Medtronic Mainspring Data Express** > **Medtronic Mainspring Data Express**.
2. In the **Medtronic Mainspring Data Express** window, select **EHR Integration** and click **Configurations**.
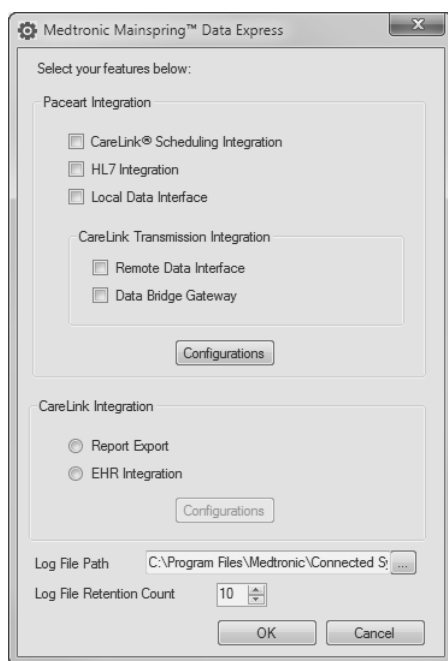
The **CareLink EHR Integration** configuration window is displayed.

3. On the **Configuration1** tab enter the applicable values for your CareLink implementation. Refer to the *CareLink EHR Integration Configuration Values* table for more explanation on the fields.

4. If you have satellite clinics in CareLink you must have a separate Report Export configuration for each clinic. Click **Add** to create additional configurations for other clinics.

5. Click **OK**.

You will need to install and configure Mirth Connect.

CareLink EHR Integration Configuration Values

This table explains the fields on the **CareLink EHR Integration** configuration window.

CareLink® EHR Integration

Configuration1

(1) Description:

⊟ CareLink	CareLink DataBridge Adapter Settings
(2) Data Bridge Service	**Endpoint_CSA_basicHttpsBinding**
(3) Data Bridge Service Site	**https://cl-emr.medtroniccarelink.net/DataBridgeGatewa**
(4) External System Account Name	
(5) External System Account Authorization Code	
⊟ FileSystem	FileSystem Adapter Settings
(6) Document Folder Location	
(7) Use Specified Credentials	**False**
(8) Username	
(9) Password	
(10) Overwrite Existing File(s)	**True**
Minimum Available Disk Space	**15**
(11) ⊟ HL7MLLP	HL7 MLLP Sender Destination Adapter Settings
Mirth Inbound Path	**C:\Program Files (x86)\Medtronic\Connected Systems**
Mirth Error Path	**C:\Program Files (x86)\Medtronic\Connected Systems**

CareLink
CareLink Data Bridge Adapter Settings

[OK] [Add] [Delete] [Cancel]

CareLink® EHR Integration

Configuration1

Description:

Data Bridge Service	**Endpoint_CSA_basicHttpsBinding**
Data Bridge Service Site	**https://cl-emr.medtroniccarelink.net/DataBridgeGatewa**
External System Account Name	
External System Account Authorization Code	
⊟ FileSystem	FileSystem Adapter Settings
Document Folder Location	
Use Specified Credentials	**False**
Username	
Password	
Overwrite Existing File(s)	**True**
Minimum Available Disk Space	**15**
⊟ HL7MLLP	HL7 MLLP Sender Destination Adapter Settings
(12) Mirth Inbound Path	**C:\Program Files (x86)\Medtronic\Connected Systems**
(13) Mirth Error Path	**C:\Program Files (x86)\Medtronic\Connected Systems**
(14) Minimum Available Disk Space	**15**

Mirth Inbound Path
The file system path where Mirth is configured to read outgoing HL7 files.

[OK] [Add] [Delete] [Cancel]

Callout number	Field name	Explanation
1	Description	An optional field for entering the name of your configuration. Limit 15 configurations.
2	Data Bridge Service	The name of the CareLink Data Bridge service the adapter will use. The default is "Endpoint_CSA_basicHttpsBinding"
3	Data Bridge Service Site	The path of the CareLink Data Bridge Service site that the adapter will use. • To connect in the US and Canada select https://cl-emr.medtroniccarelink.net/DataBridgeGateway/DataBridgeGatewayService.svc • To connect in Europe and Asia select http://cl-emr.europe.medtroniccarelink.net/DataBridgeGateway/DataBridgeGatewayService.svc
4	External System Account Name	The account name used to connect to the CareLink system. This account name is created and configured on the **External System Accounts** tab on the CareLink website.
5	External System Account Authorization Code	The authorization code used to connect to the CareLink website. This authorization code is configured on the **External System Accounts** tab on the CareLink website.
6	Document Folder Location	The file destination path where files will be written. On the CareLink website this is called the document folder. The file destination path can be specified as a UNC path (\\ComputerName\SharedFolder\Reports) or a mapped drive (z:\\computer\reports). Using a mapped drive allows you to use a shorter file name but the computer hosting Mainspring Data Express must have the network drive mapped to it.
7	Use Specified Credentials	A "True" value indicates that the Windows Username and Password field values should be used as authentication credentials when accessing the destination path. A "False" value indicates that a username and password are not required to access the destination path. The default is "False".
8	Username	When Use Specified Credentials is "True", this is the Windows username that will be used when accessing the destination file system. The Windows username value should follow the UPN (User Principal Name) format username@domain. For example BSMITH@ENT.
9	Password	When Use Specified Credentials is "True", this is the password associated to the Windows Username that will be used when accessing the destination file system.
10	Overwrite Existing File(s)	A "True" value indicates that the adapter will overwrite an existing file with a new file of the same name. A "False" value indicates that the adapter will not overwrite an existing file with a new file of the same name. The default is "True".
11	Minimum Available Disk Space	The minimum amount of free space in MB on the destination file system required for the adapter to initialize. The default is "15" MB.
12	Mirth Inbound Path	Specifies a file system path where HL7 messages will be available for Mirth Connect software to use.
13	Mirth Error Path	The file system path where Mirth is configured to write failed HL7 messages.
14	Minimum Available Disk Space	The minimum amount of free space in MB on the file system specified in the Mirth Inbound Path field, required for the adapter to initialize. The default is "15" MB.

Installing and configuring Mirth Connect

After you have installed the Mainspring Data Express software and selected the EHR Integration feature, you will need to install and configure Mirth Connect.

The Mirth Connect installation only launches automatically once. If you cancel the installation or need to re-execute the installation, you must first delete the following file to allow the Mirth Connect installation to be launched again: `C:\Program Files (x86)\Medtronic\Connected Systems Gateway\HL7MLLPSubsystem\Installed` or `C:\Program Files\Medtronic\Connected Systems Gateway\HL7MLLPSubsystem\Installed`, depending on your operating system. The path is different if the default destination folder was modified.

1. In the **Welcome to the Mirth Connect Setup Wizard** window, click **Next**.
2. Read the license agreement, select **I accept the agreement**, and then click **Next**.
3. Select the destination directory and click **Next**.
4. Make sure all of the components are selected and then click **Next**.
5. Select the Start menu folder settings and then click **Next**.
6. Configure the network port settings and then click **Next**.
7. Configure your password requirements and then click **Next**.
8. Configure your server settings and then click **Next**.
9. Select **Install service** and then click **Next**.
10. Click **Finish**.
    Mirth Connect has been installed.
11. In the system tray, right-click on the Mirth Connect Server Manager icon and select **Show Manager**.
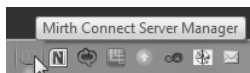
    The **Mirth Connect Server Manager** is displayed.
12. In the **Mirth Connect Server Manager**, click **Administrator**.
13. If a **Security Information** dialog box appears, click **Run**.
    The **Mirth Server Manager** is installed.
14. In the **Mirth Connect Login** dialog box, in the **Username** field enter "admin" and in the **Password** field enter "admin".
15. Click **Login**.
    The **Welcome to Mirth Connect** dialog box is displayed.
16. Create and enter a new username and password. Enter the other required information and then click **Finish**.
17. In the **Mirth Connect Administrator** window, click **Channels**.
18. In the **Channel Tasks** pane, click **Import Channel**.
    An **Open** dialog box is displayed.
19. Select the **File to MLLP.xml** file located at the default path of `C:\Program Files (x86)\Medtronic\Connected Systems Gateway\HL7MLLPSubsystem`.
    The **Edit Channel** window is displayed.
20. Click the **Destinations** tab.
21. Enter the **Host Address** and **Host Port** that the HL7 message should be sent to.
22. Click **Save Changes**.
23. In the **Mirth Connect** pane, click **Channels**.
24. Click the **File to MLLP** channel in the **Channels** pane, and then click **Enable Channel** from the **Channel Tasks** pane.
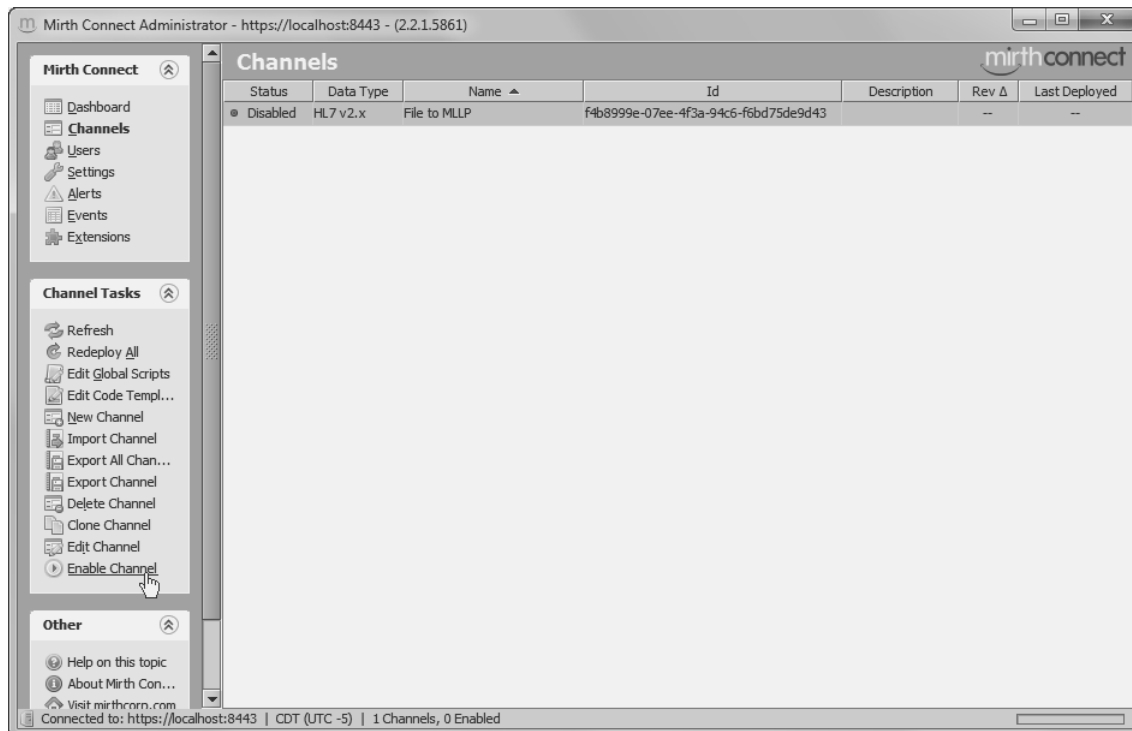
The channel status is **Enabled**.

25. In the **Channel Tasks** pane, click **Deploy Channel**.
The Dashboard shows that the **File to MLLP** status is "Started".

Troubleshooting EHR Integration

CareLink EHR Integration

• Verify that the Mainspring Data Express software prerequisites were installed or configured correctly.
• Verify that you selected the correct **Data Bridge Service Site** for your geography.
• Verify that the **External System Account Name** and **External System Account Authorization Code** match what was created in CareLink on the **External System Accounts** tab.
• Verify that you've selected **True** in the **Use Specified Credentials** field if the report destination requires you to enter a Windows username and password. Then verify that the Windows username and password were entered correctly in the **Username** and **Password** fields.
• Verify that the **Connected Systems Gateway** service was started.

Mirth Connect

• Verify that the **File to MLLP** status is "Started".
• Verify that the **Mirth Connect** windows service status is "Started".

HL7 Integration

The Medtronic CareLink Network and the Paceart System support the HL7 protocol which allows those systems to integrate with your existing HL7-based Electronic Health Record (EHR) and Practice Management Systems. This allows you to import patient demographic information, scheduling information, and interrogated device data that conforms to the IHE IDCO profile into the Paceart System. And allows you to export transtelephonic, in-clinic, and remote encounter data from the Paceart System and CareLink to your EHR system.

If you want to integrate Merlin.net into your Paceart System, you can do so with an HL7 ORU message that conforms to the IDCO profile.

The information contained in this section assumes an understanding of the HL7 Message Specification and a working knowledge of the Paceart System.

Inbound Messages

The Paceart System integrates with the HL7 protocol for inbound messages from external systems to the Paceart System by mapping HL7 values to Paceart System parameters.

Inbound Patient Administration Messages (ADT)

The Medtronic Mainspring Data Express HL7 integration can receive demographic information from any system or interface engine that is using HL7 messaging. This feature allows for consistent patient demographic information across systems and reduces duplication of data entry.

The patient administration transaction set provides for the transmission of new or updated demographic information about patients. Information that is entered in a patient administration system can be passed to the Paceart System as an unsolicited HL7 message.

The Medtronic Mainspring Data Express HL7 integration supports a wide array of ADT trigger events to allow you to configure the HL7 integration to capture the desired changes to patient demographic information.

Table : Supported HL7 ADT Triggers

The Patient Add, Patient Update, or Patient Add-Update Paceart System requests can be configured for the A04, A08, and A28 messages. Patient Update is most often used.

HL7 Message	Paceart Request
ADT^A04	Patient Add
ADT^A08	Patient Update
ADT^A28	Patient Add-Update
ADT^A29	Patient Delete
ADT^A47	Patient Change ID

Table : Patient Processing

Paceart Request	Description
Patient Add	Adds the patient to the Paceart System if there is no matching patient record found.

Paceart Request	Description
Patient Update	Updates the patient record if a single matching patient is found in the Paceart System.
Patient Add-Update	Adds the patient to the Paceart System if there is no matching patient record found. Updates the patient record if a single matching patient is found in the Paceart System.
Patient Delete	Deletes the patient from the Paceart System only if a single matching patient is found, and the Paceart System patient record does not have any associated device, encounter, or appointment.
Patient Change ID	Changes the specified patient ID if a single matching patient is found.

Inbound Patient Administration Message Segments

PID - Patient Identification Segment

The PID segment provides important identification information about the patient and is used as the primary means of communicating the identifying and demographic information about a patient between systems.

Field	Component	Sub-component	Occurrence	Parameter Name	Parameter Type	Paceart values
PID-3	1	N/A	1	Patient ID Value	String 50	N/A
PID-3	5	N/A	1	Patient ID Type Description	String 50	N/A
PID-3	1	N/A	2..21	Patient ID Value	String 50	N/A
PID-3	5	N/A	2..21	Patient ID Type Description	String 50	N/A
PID-5	1	1	1	Patient Last Name	String 50	N/A
PID-5	2	N/A	1	Patient First Name	String 50	N/A
PID-5	3	N/A	1	Patient Middle Initial	String 1	N/A
PID-7	N/A	N/A	N/A	Patient Date Of Birth	DateTime	N/A
PID-8	N/A	N/A	N/A	Patient Gender	ENUM	F, f, M, m, O, o, U, u, A, a, N, n
PID-11	1	N/A	1	Patient Address Line 1	String 50	N/A
PID-11	2	N/A	1	Patient Address Line 2	String 50	N/A
PID-11	3	N/A	1	Patient Address City	String 50	N/A

Field	Component	Sub-component	Occurrence	Parameter Name	Parameter Type	Paceart values
PID-11	4	N/A	1	Patient Address State	String 10	N/A
PID-11	5	N/A	1	Patient Address Postal Code	String 10	N/A
PID-11	6	N/A	1	Patient Address Country	String 50	N/A
PID-13	4	N/A	1	Patient Email Address	String 100	N/A
PID-13	1	N/A	N/A	Patient Phone Number	String 20	N/A
PID-14	1	N/A	N/A	Patient Phone Number Other	String 20	N/A
PID-15	1	N/A	N/A	Patient Language	ENUM	English, French, Italian, German, Spanish, Mandarin, Hindi, Arabic, Russian, Portuguese, Bengali, Malay Indonesian, Japanese, Farsi Persian, Urdu, Punjabi, Vietnamese, Tamli, Wu, Javanese, Turkish, Telugu, Korean, Marathi, Thai , Cantonese, Gujarati, Polish, Kannada, Burmese, Other
PID-16	1	N/A	N/A	Patient Marital Status	ENUM	A, a, D, d, M, m, S, s, W, w, C, c, G, g, P, p, R, r, E, e, N, n, I, i
PID-29	1	N/A	N/A	Patient Date of Death	DateTime	N/A
PID-30	1	N/A	N/A	Patient Death Indicator	ENUM	N, Y

PDA - Patient Death and Autopsy

The PDA segment is used to communicate information about a patient's death or autopsy.

Field	Component	Sub-component	Occurrence	Parameter Name	Parameter Type	Paceart values
PDA-1	2	N/A	1	Patient Death Cause	String 250	N/A

PV1 - Patient Visit Information

The PV1 segment is used by registration applications to communicate information on a visit-specific basis.

Field	Component	Sub-component	Occurrence	Parameter Name	Parameter Type	Paceart values
PV1-2	1	N/A	N/A	Patient Status	String 1	N/A
PV1-3	1	N/A	N/A	Patient Location of Care	Reference_Only	N/A

PV2 - Patient Visit Information

The PV2 segment is a continuation of visit-specific information contained in the PV1 segment.

Field	Component	Sub-component	Occurrence	Parameter Name	Parameter Type	Paceart values
PV2-7	1	N/A	1	Patient Code Value 1	String 6	N/A
PV2-7	1	N/A	2	Patient Code Value 2	String 6	N/A
PV2-7	1	N/A	3	Patient Code Value 3	String 6	N/A
PV2-7	1	N/A	4	Patient Code Value 4	String 6	N/A

MRG - Merge Patient Identification Segment

The MRG segment provides receiving applications with information necessary to update patient ID data.

Field	Component	Sub-component	Occurrence	Parameter Name	Parameter Type	Paceart values
MRG-1	1	N/A	1	Patient ID Value	String 50	N/A
MRG-1	5	N/A	1	Patient ID Type Description	String 50	N/A

IN1 - Insurance Segment

The IN1 segment is used to communicate information about a patient's insurance.

Field	Component	Sub-component	Occurrence	Parameter Name	Parameter Type	Paceart values
IN1-3	N/A	N/A	N/A	Insurance Company Code	String 60	N/A
IN1-4	N/A	N/A	N/A	Insurance Company Name	String 50	N/A
IN1-8	N/A	N/A	N/A	Patient Insurance Policy Number	String 20	N/A
IN1-11	N/A	N/A	N/A	Patient Insurance Policy Holder Employer	String 50	N/A
IN1-12	N/A	N/A	N/A	Patient Insurance Effective Date	Date	N/A
IN1-15	N/A	N/A	N/A	Patient Insurance Type	ENUM	PRIMARY, SECONDARY, OTHER
IN1-16	N/A	N/A	N/A	Patient Insurance Policy Holder Name	String 50	N/A
IN1-36	N/A	N/A	N/A	Patient Insurance Policy Holder Certificate Number	String 20	N/A
IN1-49	N/A	N/A	N/A	Patient Insurance Policy Holder Social Security Number	String 11	N/A
N/A	N/A	N/A	N/A	Patient Insurance Status	ENUM	ACTIVE, INACTIVE

Inbound Scheduling Messages (SIU)

The Medtronic Mainspring Data Express HL7 integration can accept unsolicited schedule notification messages (SIU) from a scheduling filler application. The HL7 standard defines four roles that the system can assume in scheduling integration. The Paceart System operates as an Auxiliary application or an "interested third-party." This allows for existing scheduling systems to serve as the Filler application and to send schedule notification messages to the Paceart System. The Filler application is said to own the schedule for the specified resources meaning it is the authoritative source for scheduling information.

Supported Transaction Types

The schedule notification messages can be processed to not only create, delete, cancel, and modify appointments in the Paceart System, but also can be used to add or modify patient information. This allows for a patient to be added to the Paceart System based on their first appointment with a clinic.

Updating, rescheduling, deleting, or canceling, an appointment can only be performed as long as the appointment exists in Paceart.

A single matching Paceart System appointment for a single matching patient is said to exist if the Appointment External ID is the same as the Request Appointment External ID (matching appointment is found by ID) or there is an appointment with the same start date, time, and appointment type (matching appointment is found by start date, time, and type).

Table : Supported SIU Triggers

HL7 Message	Paceart Request
SIU^S12	Add Appointment
SIU^S13	Update Appointment
SIU^S14	Add Update Appointment
SIU^S15	Cancel Appointment
SIU^S17	Delete Appointment

Table : Appointment Processing

Paceart Request	Description
Add Appointment	Creates a new appointment in the Paceart System if the appointment ID does not already exist in the Paceart System. If the appointment does exist then no appointment will be added.
Update Appointment	Modifies the appointment in the Paceart System if the appointment ID already exists in the Paceart System.
Add Update Appointment	Updates the appointment information in the Paceart System if the appointment exists in the Paceart System. If the appointment does not exist in the Paceart System, then it creates a new appointment in the Paceart System.
Cancel Appointment	Cancels/Removes the appointment in the Paceart System if the appointment ID already exists in the Paceart System.
Delete Appointment	Deletes the appointment in the Paceart System if the appointment ID already exists in the Paceart System.

Inbound Scheduling Segments

The schedule notification message should contain information on what type of appointment has been booked. The information can be transformed in the message to map to one of the following values. If no encounter type information is available in the scheduling messages, the appointment will fail to add/update the Paceart System database.

SCH - Schedule Activity Information

The SCH segment contains general information about a scheduled appointment.

Field	Component	Sub-component	Occurrence	Parameter Name	Parameter Type	Paceart values
SCH-1	1	N/A	N/A	Appointment ID	String 75	N/A
SCH-2	1	N/A	N/A	Appointment External ID	String 75, cannot contain characters [, _, and %	N/A
SCH-8	1	N/A	N/A	Appointment Type	ENUM	INCLINIC, TTM, REMOTE, MISCELLANEOUS, IMPLANT, PHONENOTE
SCH-9	N/A	N/A	N/A	Appointment Duration	TimeSpan(00:01, 1.00:00)	N/A
SCH-11	4	N/A	N/A	Appointment Start Date Time	ENUM	N/A

NTE - Notes and Comments

The NTE segment is an optional segment used to provide notes and comments.

Field	Component	Sub-component	Occurrence	Parameter Name	Parameter Type	Paceart values
NTE-3	1	N/A	1	Appointment Comment	String 255	N/A

PID - Patient Identification Segment

The PID segment provides important identification information about the patient and is used as the primary means of communicating the identifying and demographic information about a patient between systems.

Field	Component	Sub-component	Occurrence	Parameter Name	Parameter Type	Paceart values
PID-3	1	N/A	1	Patient ID Value	String 50	N/A
PID-3	5	N/A	1	Patient ID Type Description	String 50	N/A
PID-3	1	N/A	2..21	Patient ID Value	String 50	N/A
PID-3	5	N/A	2..21	Patient ID Type Description	String 50	N/A
PID-5	1	1	1	Patient Last Name	String 50	N/A
PID-5	2	N/A	1	Patient First Name	String 50	N/A

Field	Component	Sub-component	Occurrence	Parameter Name	Parameter Type	Paceart values
PID-5	3	N/A	1	Patient Middle Initial	String 1	N/A
PID-7	N/A	N/A	N/A	Patient Date Of Birth	DateTime	N/A
PID-8	N/A	N/A	N/A	Patient Gender	ENUM	F, f, M, m, O, o, U, u, A, a, N, n
PID-11	1	N/A	1	Patient Address Line 1	String 50	N/A
PID-11	2	N/A	1	Patient Address Line 2	String 50	N/A
PID-11	3	N/A	1	Patient Address City	String 50	N/A
PID-11	4	N/A	1	Patient Address State	String 10	N/A
PID-11	5	N/A	1	Patient Address Postal Code	String 10	N/A
PID-11	6	N/A	1	Patient Address Country	String 50	N/A
PID-13	4	N/A	1	Patient Email Address	String 100	N/A
PID-13	1	N/A	N/A	Patient Phone Number	String 20	N/A
PID-14	1	N/A	N/A	Patient Phone Number Other	String 20	N/A
PID-15	1	N/A	N/A	Patient Language	ENUM	English, French, Italian, German, Spanish, Mandarin, Hindi, Arabic, Russian, Portuguese, Bengali, Malay Indonesian, Japanese, Farsi Persian, Urdu, Punjabi, Vietnamese, Tamli, Wu, Javanese, Turkish, Telugu, Korean, Marathi, Thai , Cantonese, Gujarati, Polish, Kannada, Burmese, Other

Field	Component	Sub-component	Occurrence	Parameter Name	Parameter Type	Paceart values
PID-16	1	N/A	N/A	Patient Marital Status	ENUM	A, a, D, d, M, m, S, s, W, w, C, c, G, g, P, p, R, r, E, e, N, n, I, i
PID-29	1	N/A	N/A	Patient Date of Death	DateTime	N/A
PID-30	1	N/A	N/A	Patient Death Indicator	ENUM	N, Y

PV1 - Patient Visit Information

The PV1 segment is used by registration applications to communicate information on a visit-specific basis.

Field	Component	Sub-component	Occurrence	Parameter Name	Parameter Type	Paceart values
PV1-2	1	N/A	N/A	Patient Status	String 1	N/A
PV1-3	1	N/A	N/A	Patient Location of Care	Reference_Only	N/A
PV1-19	1	N/A	N/A	Appointment Visit ID	String 50	N/A

PV2 - Patient Visit Information

The PV2 segment is a continuation of visit-specific information contained in the PV1 segment.

Field	Component	Sub-component	Occurrence	Parameter Name	Parameter Type	Paceart values
PV2-7	1	N/A	1	Patient Code Value 1	String 6	N/A
PV2-7	1	N/A	2	Patient Code Value 2	String 6	N/A
PV2-7	1	N/A	3	Patient Code Value 3	String 6	N/A
PV2-7	1	N/A	4	Patient Code Value 4	String 6	N/A

AIG - General Resource Segment

The AIG segment contains information about various kinds of resources that can be scheduled.

Field	Component	Sub-component	Occurrence	Parameter Name	Parameter Type	Paceart values
AIG-3	1	N/A	N/A	Appointment Resource	Reference_Only	N/A

Inbound Observation Requests (ORU)

The ORU-R01 message transmits observations and results. Mainspring Data Express and the Paceart Optima System comply with the IDCO standard for how to use an HL7 ORU message for implantable cardiac device observations.

Table : Supported HL7 ORU Triggers

HL7 Message	Paceart Request
ORU^R01	Transmission Data

Paceart Request	Description
Transmission Data	Sends transmission data from one system to another system.

Inbound Observation Requests Segments

MSH - Message Header

The MSH segment is present in every HL7 message type and defines the message's source, purpose, destination, and certain syntax specifics like delimiters (separator characters) and character sets.

Field	Component	Sub-component	Occurrence	Parameter Name	Parameter Type	Paceart values
MSH-3	1	N/A	N/A	Sending Application ID	String 100	N/A
MSH-4	1	N/A	N/A	Sending Application Sub ID	String 100	N/A

PID - Patient Identification Segment

The PID segment provides important identification information about the patient and is used as the primary means of communicating the identifying and demographic information about a patient between systems.

Field	Component	Subcomponent	Occurrence	Parameter Name	Parameter Type	Paceart values
PID-3	1	N/A	1	Patient Device Model and Serial Number	String 100	N/A
PID-3	1	N/A	2..21	Patient ID Value	String 50	N/A
PID-3	4	N/A	1	Encounter Session Device Manufacturer	ENUM	MDC_IDC_ENUM_MFG_ANG
						MDC_IDC_ENUM_MFG_APC
						MDC_IDC_ENUM_MFG_BIO
						MDC_IDC_ENUM_MFG_BSC
						MDC_IDC_ENUM_MFG_CCS

Field	Component	Subcomponent	Occurrence	Parameter Name	Parameter Type	Paceart values
						MDC_IDC_ENUM_MFG_CIM
						MDC_IDC_ENUM_MFG_CPM
						MDC_IDC_ENUM_MFG_CKP
						MDC_IDC_ENUM_MFG_CATM
						MDC_IDC_ENUM_MFG_COR
						MDC_IDC_ENUM_MFG_ELA
						MDC_IDC_ENUM_MFG_GDT
						MDC_IDC_ENUM_MFG_IMC
						MDC_IDC_ENUM_MFG_MCO
						MDC_IDC_ENUM_MFG_MDT
						MDC_IDC_ENUM_MFG_OSC
						MDC_IDC_ENUM_MFG_PCS
						MDC_IDC_ENUM_MFG_SIE
						MDC_IDC_ENUM_MFG_SOR
						MDC_IDC_ENUM_MFG_SJM
						MDC_IDC_ENUM_MFG_TEL
						MDC_IDC_ENUM_MFG_VEN
						MDC_IDC_ENUM_MFG_VIT
PID-3	5	N/A	2..21	Patient ID Type Description	String 50	N/A
PID-5	1	N/A	1	Patient Last Name	String 50	N/A
PID-5	2	N/A	1	Patient First Name	String 50	N/A
PID-5	3	N/A	1	Patient Middle Initial	String 1	N/A
PID-7	N/A	N/A	1	Patient Date Of Birth	DateTime	N/A
PID-8	N/A	N/A	N/A	Patient Gender	ENUM	F, f, M, m, O, o, U, u, A, a, N, n
PID-11	1	N/A	1	Patient Address Line 1	String 50	N/A
PID-11	2	N/A	1	Patient Address Line 2	String 50	N/A

Field	Component	Subcomponent	Occurrence	Parameter Name	Parameter Type	Paceart values
PID-11	3	N/A	1	Patient Address City	String 50	N/A
PID-11	4	N/A	1	Patient Address State	String 10	N/A
PID-11	5	N/A	1	Patient Address Postal Code	String 10	N/A
PID-11	6	N/A	1	Patient Address Country	String 50	N/A

PV1 - Patient Visit Information

The PV1 segment is used by registration applications to communicate information on a visit-specific basis.

Field	Component	Sub-component	Occurrence	Parameter Name	Parameter Type	Paceart values
PV1-2	1	N/A	N/A	Patient Status	String 1	N/A
PV1-19	1	N/A	N/A	Appointment Visit ID	String 50	N/A

OBR - Observation Request

The OBR segment transmits information about an exam, diagnostic study/observation, or assessment that is specific to an order or result.

Field	Component	Sub-component	Occurrence	Parameter Name	Parameter Type	Paceart values
OBR-3	1	N/A	N/A	Sending Application Event ID	String 100	N/A
OBR-4	1	N/A	N/A	Encounter Type	ENUM	IMPLANT, INCLINIC, REMOTE, TTM, PHONENOTE, MISC, PROGRAMMING
OBR-7	1	N/A	N/A	Encounter Date and Time	DateTime	N/A

OBX - Observation Mapping

The OBX segment is primarily used to carry key clinical observation and result reporting information within report messages.

Table : MDC_IDC_DEV

IDCO			Paceart	
OBX 3-1	OBX 3-2	IDCO Supported Values OBX-5	Parameter Name	Parameter Type
720897	MDC_IDC_DEV_TYPE	753665^MDC_IDC_ENUM_PG_TYPE_IPG^MDC	Device Type	ENUM
		753666^MDC_IDC_ENUM_PG_TYPE_ICD^MDC		
		753667^MDC_IDC_ENUM_PG_TYPE_CRT_D^MDC		
		753668^MDC_IDC_ENUM_PG_TYPE_CRT_P^MDC		
		753669^MDC_IDC_ENUM_PG_TYPE_Monitor^MDC		
720898	MDC_IDC_DEV_MODEL	N/A	Device Model	String 50
720899	MDC_IDC_DEV_SERIAL	N/A	Device Serial Number	String 20
720900	MDC_IDC_DEV_MFG	753729^MDC_IDC_ENUM_MFG_ANGN^MDC	Device Manufacturer	ENUM
		753730^MDC_IDC_ENUM_MFG_APC^MDC		
		753731^MDC_IDC_ENUM_MFG_BIO^MDC		
		753732^MDC_IDC_ENUM_MFG_BSX^MDC		
		753733^MDC_IDC_ENUM_MFG_CCS^MDC		
		753734^MDC_IDC_ENUM_MFG_CIM^MDC		
		753735^MDC_IDC_ENUM_MFG_CPM^MDC		
		753736^MDC_IDC_ENUM_MFG_CKP^MDC		
		753737^MDC_IDC_ENUM_MFG_CATM^MDC		
		753738^MDC_IDC_ENUM_MFG_COR^MDC		
		753739^MDC_IDC_ENUM_MFG_ELA^MDC		
		753740^MDC_IDC_ENUM_MFG_GDT^MDC		
		753741^MDC_IDC_ENUM_MFG_IMC^MDC		
		753742^MDC_IDC_ENUM_MFG_IMT^MDC		
		753743^MDC_IDC_ENUM_MFG_MCO^MDC		
		753744^MDC_IDC_ENUM_MFG_MDT^MDC		
		753745^MDC_IDC_ENUM_MFG_OSC^MDC		
		753746^MDC_IDC_ENUM_MFG_OSY^MDC		
		753747^MDC_IDC_ENUM_MFG_PCS^MDC		
		753748^MDC_IDC_ENUM_MFG_SIE^MDC		
		753749^MDC_IDC_ENUM_MFG_SOM^MDC		
		753750^MDC_IDC_ENUM_MFG_SOR^MDC		
		753751^MDC_IDC_ENUM_MFG_STJ^MDC		
		753752^MDC_IDC_ENUM_MFG_STO^MDC		
		753753^MDC_IDC_ENUM_MFG_TEL^MDC		

IDCO			Paceart	
OBX 3-1	**OBX 3-2**	**IDCO Supported Values OBX-5**	**Parameter Name**	**Parameter Type**
		753754^MDC_IDC_ENUM_MFG_VEN^MDC		
		753755^MDC_IDC_ENUM_MFG_VIT^MDC		

Table : MDC_IDC_SESS

IDCO			Paceart	
OBX 3-1	**OBX 3-2**	**Supported Values (OBX 5)**	**Parameter Name**	**Parameter Type**
721025	MDC_IDC_SESS_DTM		Encounter Session Timestamp	DateTime
721027	MDC_IDC_SESS_ REPROGRAMMED	755201^MDC_IDC_ENUM_SESS_REPROGRAMMED_YES^MDC	Encounter Session Reprogrammed	ENUM
		755202^MDC_IDC_ENUM_SESS_REPROGRAMMED_NO^MDC		
		755203^MDC_IDC_ENUM_SESS_REPROGRAMMED_Unknown^MDC		

Table : MDC_IDC_MSMT

IDCO			Paceart	
OBX 3-1	**OBX 3-2**	**Supported Values (OBX 5)**	**Parameter Name**	**Parameter Type**
721216	MDC_IDC_MSMT_BATTERY_DTM		Encounter Measured Device Battery Timestamp	DateTime
721280	MDC_IDC_MSMT_BATTERY_STATUS	754113^MDC_IDC_ENUM_BATTERY_STATUS_BOS^MDC	Encounter Measured Device Battery Status	ENUM
		754114^MDC_IDC_ENUM_BATTERY_STATUS_EOS^MDC		
		754115^MDC_IDC_ENUM_BATTERY_STATUS_RRT^MDC		
		754116^MDC_IDC_ENUM_BATTERY_STATUS_MOS^MDC		
		754117^MDC_IDC_ENUM_BATTERY_STATUS_ Unknown^MDC		
721344	MDC_IDC_MSMT_BATTERY_VOLTAGE		Encounter Measured Device Battery Voltage	Numeric
721408	MDC_IDC_MSMT_BATTERY_IMPEDANCE		Encounter Measured Device Battery Impedance	Numeric
721472	MDC_IDC_MSMT_BATTERY_REMAINING_ LONGEVITY		Encounter Measured Device Battery Remaining Longevity	Integer
721536	MDC_IDC_MSMT_BATTERY_REMAINING_ PERCENTAGE		Encounter Measured Device	Numeric

IDCO			Paceart	
OBX 3-1	OBX 3-2	Supported Values (OBX 5)	Parameter Name	Parameter Type
			Battery Remaining Percentage	
721600	MDC_IDC_MSMT_BATTERY_RRT_TRIGGER		Encounter Measured Device Battery Status RRT Trigger	String 50
when 721856^MDC_IDC_MSMT_CAP_CHARGE_TYPE^MDC has OBX-5 value of 754177^MDC_IDC_ENUM_CHARGE_TYPE_Shock^MDC				
721664	MDC_IDC_MSMT_CAP_CHARGE_DTM		Encounter Measured Device Capacitor Last Full Energy Charge Timestamp or Encounter Measured Device Capacitor Last Therapy Charge Timestamp	DateTime
721728	MDC_IDC_MSMT_CAP_CHARGE_TIME		Encounter Measured Device Capacitor Last Full Energy Charge Interval or Encounter Measured Device Capacitor Last Therapy Charge Interval	Numeric
721792	MDC_IDC_MSMT_CAP_CHARGE_ENERGY		Encounter Measured Device Capacitor Last Full Energy Charge or Encounter Measured Device Capacitor Last Therapy Charge Energy	Numeric
when 721856^MDC_IDC_MSMT_CAP_CHARGE_TYPE^MDC has OBX-5 value of 54177^MDC_IDC_ENUM_CHARGE_TYPE_Reformation^MDC				
721664	MDC_IDC_MSMT_CAP_CHARGE_DTM		Encounter Measured Device Capacitor Last Reformation Timestamp	DateTime
721728	MDC_IDC_MSMT_CAP_CHARGE_TIME		Encounter Measured Device Capacitor Last Reformation Interval	Numeric

IDCO			Paceart	
OBX 3-1	OBX 3-2	Supported Values (OBX 5)	Parameter Name	Parameter Type
721792	MDC_IDC_MSMT_CAP_CHARGE_ENERGY		Encounter Measured Device Capacitor Last Reformation Energy	Numeric
721856	MDC_IDC_MSMT_CAP_CHARGE_TYPE	754177^MDC_IDC_ENUM_CHARGE_TYPE_Shock^MDC	Determines which parameter is used when mapping the above three rows.	ENUM
		754178^MDC_IDC_ENUM_CHARGE_TYPE_ Reformation^MDC		
		754179^MDC_IDC_ENUM_CHARGE_TYPE_Unknown^MDC		
721921	MDC_IDC_MSMT_LEADCHNL_RA_DTM_ START		Encounter Measured Right Atrium Lead Low Power Channel Sensing Integrity Counter Start Date	DateTime
721922	MDC_IDC_MSMT_LEADCHNL_RA_DTM_END		Encounter Measured Right Atrium Lead Low Power Channel Sensing Integrity Counter End Date	DateTime
721925	MDC_IDC_MSMT_LEADCHNL_RV_DTM_ START		Encounter Measured Right Ventricle Lead Low Power Channel Sensing Integrity Counter Start Date	DateTime
721926	MDC_IDC_MSMT_LEADCHNL_RV_DTM_END		Encounter Measured Right Ventricle Lead Low Power Channel Sensing Integrity Counter End Date	DateTime
721929	MDC_IDC_MSMT_LEADCHNL_LA_DTM_ START			DateTime
721930	MDC_IDC_MSMT_LEADCHNL_LA_DTM_END			DateTime
721933	MDC_IDC_MSMT_LEADCHNL_LV_DTM_ START		Encounter Measured Left Ventricle Lead Low Power Channel Sensing Integrity Counter Start Date	DateTime
721934	MDC_IDC_MSMT_LEADCHNL_LV_DTM_END		Encounter Measured Left Ventricle Lead Low	DateTime

IDCO			Paceart	
OBX 3-1	OBX 3-2	Supported Values (OBX 5)	Parameter Name	Parameter Type
			Power Channel Sensing Integrity Counter End Date	
721984	MDC_IDC_MSMT_LEADCHNL_RA_LEAD_CHANNEL_STATUS	754241^MDC_IDC_ENUM_CHANNEL_STATUS_CheckLead^MDC 754242^MDC_IDC_ENUM_CHANNEL_STATUS_Null^MDC	Encounter Measured Right Atrium Lead Low Power Channel Status	ENUM
721985	MDC_IDC_MSMT_LEADCHNL_RV_LEAD_CHANNEL_STATUS	754241^MDC_IDC_ENUM_CHANNEL_STATUS_CheckLead^MDC 754242^MDC_IDC_ENUM_CHANNEL_STATUS_Null^MDC	Encounter Measured Right Ventricle Lead Low Power Channel Status	ENUM
721986	MDC_IDC_MSMT_LEADCHNL_LA_LEAD_CHANNEL_STATUS	754241^MDC_IDC_ENUM_CHANNEL_STATUS_CheckLead^MDC 754242^MDC_IDC_ENUM_CHANNEL_STATUS_Null^MDC		ENUM
721987	MDC_IDC_MSMT_LEADCHNL_LV_LEAD_CHANNEL_STATUS	754241^MDC_IDC_ENUM_CHANNEL_STATUS_CheckLead^MDC 754242^MDC_IDC_ENUM_CHANNEL_STATUS_Null^MDC	Encounter Measured Left Ventricle Lead Low Power Channel Status	ENUM
722048	MDC_IDC_MSMT_LEADCHNL_RA_SENSING_INTR_AMPL		Encounter Programmed Bradycardia Right Atrium Sensing Amplitude	Numeric
722049	MDC_IDC_MSMT_LEADCHNL_RA_SENSING_INTR_AMPL_MAX			
722050	MDC_IDC_MSMT_LEADCHNL_RA_SENSING_INTR_AMPL_MIN			
722051	MDC_IDC_MSMT_LEADCHNL_RA_SENSING_INTR_AMPL_MEAN			
722052	MDC_IDC_MSMT_LEADCHNL_RV_SENSING_INTR_AMPL		Encounter Programmed Bradycardia Right Ventricle Sensing Amplitude	Numeric
722053	MDC_IDC_MSMT_LEADCHNL_RV_SENSING_INTR_AMPL_MAX			
722054	MDC_IDC_MSMT_LEADCHNL_RV_SENSING_INTR_AMPL_MIN			
722055	MDC_IDC_MSMT_LEADCHNL_RV_SENSING_INTR_AMPL_MEAN			
722056	MDC_IDC_MSMT_LEADCHNL_LA_SENSING_INTR_AMPL			Numeric
722057	MDC_IDC_MSMT_LEADCHNL_LA_SENSING_INTR_AMPL_MAX			
722058	MDC_IDC_MSMT_LEADCHNL_LA_SENSING_INTR_AMPL_MIN			

IDCO			Paceart	
OBX 3-1	OBX 3-2	Supported Values (OBX 5)	Parameter Name	Parameter Type
722059	MDC_IDC_MSMT_LEADCHNL_LA_SENSING_ INTR_AMPL_MEAN			
722060	MDC_IDC_MSMT_LEADCHNL_LV_SENSING_ INTR_AMPL		Encounter Programmed Bradycardia Left Ventricle Sensing Amplitude	Numeric
722061	MDC_IDC_MSMT_LEADCHNL_LV_SENSING_ INTR_AMPL_MAX			
722062	MDC_IDC_MSMT_LEADCHNL_LV_SENSING_ INTR_AMPL_MIN			
722063	MDC_IDC_MSMT_LEADCHNL_LV_SENSING_ INTR_AMPL_MEAN			
722112	MDC_IDC_MSMT_LEADCHNL_RA_SENSING_ POLARITY	754305^MDC_IDC_ENUM_POLARITY_UNI^MDC 754306^MDC_IDC_ENUM_POLARITY_BI^MDC 754307^MDC_IDC_ENUM_POLARITY_Unknown^MDC	Encounter Measured Right Atrium Lead Sensing Threshold Polarity	ENUM
722113	MDC_IDC_MSMT_LEADCHNL_RV_SENSING_ POLARITY	754305^MDC_IDC_ENUM_POLARITY_UNI^MDC 754306^MDC_IDC_ENUM_POLARITY_BI^MDC 754307^MDC_IDC_ENUM_POLARITY_Unknown^MDC	Encounter Measured Right Ventricle Lead Sensing Threshold Polarity	ENUM
722114	MDC_IDC_MSMT_LEADCHNL_LA_SENSING_ POLARITY	754305^MDC_IDC_ENUM_POLARITY_UNI^MDC 754306^MDC_IDC_ENUM_POLARITY_BI^MDC 754307^MDC_IDC_ENUM_POLARITY_Unknown^MDC		ENUM
722115	MDC_IDC_MSMT_LEADCHNL_LV_SENSING_ POLARITY	754305^MDC_IDC_ENUM_POLARITY_UNI^MDC 754306^MDC_IDC_ENUM_POLARITY_BI^MDC 754307^MDC_IDC_ENUM_POLARITY_Unknown^MDC	Encounter Measured Left Ventricle Lead Sensing Threshold Polarity	ENUM
722176	MDC_IDC_MSMT_LEADCHNL_RA_PACING_ THRESHOLD_AMPLITUDE		Encounter Measured Right Atrium Lead Capture Threshold Amplitude	Numeric
722177	MDC_IDC_MSMT_LEADCHNL_RV_PACING_ THRESHOLD_AMPLITUDE		Encounter Measured Right Ventricle Lead Capture Threshold Amplitude	Numeric
722178	MDC_IDC_MSMT_LEADCHNL_LA_PACING_ THRESHOLD_AMPLITUDE			Numeric
722179	MDC_IDC_MSMT_LEADCHNL_LV_PACING_ THRESHOLD_AMPLITUDE		Encounter Measured Left Ventricle Lead	Numeric

IDCO			Paceart	
OBX 3-1	OBX 3-2	Supported Values (OBX 5)	Parameter Name	Parameter Type
			Capture Threshold Amplitude	
722240	MDC_IDC_MSMT_LEADCHNL_RA_PACING_THRESHOLD_PULSEWIDTH		Encounter Measured Right Atrium Lead Capture Threshold Duration	Numeric
722241	MDC_IDC_MSMT_LEADCHNL_RV_PACING_THRESHOLD_PULSEWIDTH		Encounter Measured Right Ventricle Lead Capture Threshold Duration	Numeric
722242	MDC_IDC_MSMT_LEADCHNL_LA_PACING_THRESHOLD_PULSEWIDTH			Numeric
722243	MDC_IDC_MSMT_LEADCHNL_LV_PACING_THRESHOLD_PULSEWIDTH		Encounter Measured Left Ventricle Lead Capture Threshold Duration	Numeric
722304	MDC_IDC_MSMT_LEADCHNL_RA_PACING_THRESHOLD_MEASUREMENT_METHOD	754369^MDC_IDC_ENUM_MEASUREMENT_METHOD_ProgrammerManual^MDC 754370^MDC_IDC_ENUM_MEASUREMENT_METHOD_ProgrammerAutomatic^MDC 754371^MDC_IDC_ENUM_MEASUREMENT_METHOD_DeviceAutomatic^MDC	Encounter Measured Right Atrium Lead Capture Threshold Measurement Method	ENUM
722305	MDC_IDC_MSMT_LEADCHNL_RV_PACING_THRESHOLD_MEASUREMENT_METHOD	754369^MDC_IDC_ENUM_MEASUREMENT_METHOD_ProgrammerManual^MDC 754370^MDC_IDC_ENUM_MEASUREMENT_METHOD_ProgrammerAutomatic^MDC 754371^MDC_IDC_ENUM_MEASUREMENT_METHOD_DeviceAutomatic^MDC	Encounter Measured Right Ventricle Lead Capture Threshold Measurement Method	ENUM
722306	MDC_IDC_MSMT_LEADCHNL_LA_PACING_THRESHOLD_MEASUREMENT_METHOD	754369^MDC_IDC_ENUM_MEASUREMENT_METHOD_ProgrammerManual^MDC 754370^MDC_IDC_ENUM_MEASUREMENT_METHOD_ProgrammerAutomatic^MDC 754371^MDC_IDC_ENUM_MEASUREMENT_METHOD_DeviceAutomatic^MDC		ENUM
722307	MDC_IDC_MSMT_LEADCHNL_LV_PACING_THRESHOLD_MEASUREMENT_METHOD	754369^MDC_IDC_ENUM_MEASUREMENT_METHOD_ProgrammerManual^MDC 754370^MDC_IDC_ENUM_MEASUREMENT_METHOD_ProgrammerAutomatic^MDC 754371^MDC_IDC_ENUM_MEASUREMENT_METHOD_DeviceAutomatic^MDC	Encounter Measured Left Ventricle Lead Capture Threshold Measurement Method	ENUM

IDCO			Paceart	
OBX 3-1	OBX 3-2	Supported Values (OBX 5)	Parameter Name	Parameter Type
722368	MDC_IDC_MSMT_LEADCHNL_RA_PACING_ THRESHOLD_POLARITY	754305^MDC_IDC_ENUM_POLARITY_UNI^MDC	Encounter Measured Right Atrium Lead Capture Threshold Polarity	ENUM
		754306^MDC_IDC_ENUM_POLARITY_BI^MDC		
		754307^MDC_IDC_ENUM_POLARITY_Unknown^MDC		
722369	MDC_IDC_MSMT_LEADCHNL_RV_PACING_ THRESHOLD_POLARITY	754305^MDC_IDC_ENUM_POLARITY_UNI^MDC	Encounter Measured Right Ventricle Lead Capture Threshold Polarity	ENUM
		754306^MDC_IDC_ENUM_POLARITY_BI^MDC		
		754307^MDC_IDC_ENUM_POLARITY_Unknown^MDC		
722370	MDC_IDC_MSMT_LEADCHNL_LA_PACING_ THRESHOLD_POLARITY	754305^MDC_IDC_ENUM_POLARITY_UNI^MDC		ENUM
		754306^MDC_IDC_ENUM_POLARITY_BI^MDC		
		754307^MDC_IDC_ENUM_POLARITY_Unknown^MDC		
722371	MDC_IDC_MSMT_LEADCHNL_LV_PACING_ THRESHOLD_POLARITY	754305^MDC_IDC_ENUM_POLARITY_UNI^MDC	Encounter Measured Left Ventricle Lead Capture Threshold Polarity	ENUM
		754306^MDC_IDC_ENUM_POLARITY_BI^MDC		
		754307^MDC_IDC_ENUM_POLARITY_Unknown^MDC		
722432	MDC_IDC_MSMT_LEADCHNL_RA_ IMPEDANCE_VALUE		Encounter Measured Right Atrium Lead Low Power Channel Impedance Measurement Value	Numeric
722433	MDC_IDC_MSMT_LEADCHNL_RV_ IMPEDANCE_VALUE		Encounter Measured Right Ventricle Lead Low Power Channel Impedance Measurement Value	Numeric
722434	MDC_IDC_MSMT_LEADCHNL_LA_ IMPEDANCE_VALUE			Numeric
722435	MDC_IDC_MSMT_LEADCHNL_LV_ IMPEDANCE_VALUE		Encounter Measured Left Ventricle Lead Low Power Channel Impedance Measurement Value	Numeric
722496	MDC_IDC_MSMT_LEADCHNL_RA_ IMPEDANCE_POLARITY	754305^MDC_IDC_ENUM_POLARITY_UNI^MDC	Encounter Measured Right Atrium Lead Low Power Channel Impedance Polarity	ENUM
		754306^MDC_IDC_ENUM_POLARITY_BI^MDC		
		754307^MDC_IDC_ENUM_POLARITY_Unknown^MDC		

IDCO			Paceart	
OBX 3-1	OBX 3-2	Supported Values (OBX 5)	Parameter Name	Parameter Type
722497	MDC_IDC_MSMT_LEADCHNL_RV_ IMPEDANCE_POLARITY	754305^MDC_IDC_ENUM_POLARITY_UNI^MDC	Encounter Measured Right Ventricle Lead Low Power Channel Impedance Polarity	ENUM
		754306^MDC_IDC_ENUM_POLARITY_BI^MDC		
		754307^MDC_IDC_ENUM_POLARITY_Unknown^MDC		
722498	MDC_IDC_MSMT_LEADCHNL_LA_ IMPEDANCE_POLARITY	754305^MDC_IDC_ENUM_POLARITY_UNI^MDC	?	ENUM
		754306^MDC_IDC_ENUM_POLARITY_BI^MDC		
		754307^MDC_IDC_ENUM_POLARITY_Unknown^MDC		
722499	MDC_IDC_MSMT_LEADCHNL_LV_ IMPEDANCE_POLARITY	754305^MDC_IDC_ENUM_POLARITY_UNI^MDC	Encounter Measured Left Ventricle Lead Low Power Channel Impedance Polarity	ENUM
		754306^MDC_IDC_ENUM_POLARITY_BI^MDC		
		754307^MDC_IDC_ENUM_POLARITY_Unknown^MDC		
722560	MDC_IDC_MSMT_LEADHVCHNL_DTM		Encounter Measured Right Ventricle Lead High Power Channel Impedance Start Date	DateTime
722561	MDC_IDC_MSMT_LEADHVCHNL_DTM_START		Encounter Measured Right Ventricle Lead High Power Channel Impedance Start Date	DateTime
722562	MDC_IDC_MSMT_LEADHVCHNL_DTM_END		Encounter Measured Right Ventricle Lead High Power Channel Impedance End Date	DateTime
722624	MDC_IDC_MSMT_LEADHVCHNL_IMPEDANCE		Encounter Measured Right Ventricle Lead High Power Channel Impedance Measurement Value	Numeric

Table : MDC_IDC_SET

IDCO			Paceart	
OBX 3-1	OBX 3-2	Supported Values (OBX 5)	Parameter Name	Parameter Type
729344	MDC_IDC_SET_CRT_LVRV_DELAY		Encounter Programmed VV Delay	Numeric
729408	MDC_IDC_SET_CRT_PACED_CHAMBERS	755265^MDC_IDC_ENUM_CRT_PACED_CHAMBERS_ RV_Only^MDC 755266^MDC_IDC_ENUM_CRT_PACED_CHAMBERS_ LV_Only^MDC 755267^MDC_IDC_ENUM_CRT_PACED_CHAMBERS_ BiV^MDC	Encounter Programmed Heart Failure Ventricular Pacing Configuration	ENUM
729536	MDC_IDC_SET_LEADCHNL_RA_SENSING_ SENSITIVITY		Encounter Programmed Bradycardia Right Atrium Sensing Amplitude	Numeric
729600	MDC_IDC_SET_LEADCHNL_RA_SENSING_ POLARITY	754305^MDC_IDC_ENUM_POLARITY_UNI^MDC 754306^MDC_IDC_ENUM_POLARITY_BI^MDC	Encounter Programmed Bradycardia Right Atrium Sensing Polarity	ENUM
729920	MDC_IDC_SET_LEADCHNL_RA_SENSING_ ADAPTATION_MODE	754625^MDC_IDC_ENUM_SENSING_ADAPTATION_ MODE_AdaptiveSensing^MDC 754626^MDC_IDC_ENUM_SENSING_ADAPTATION_ MODE_FixedPacing^MDC	Encounter Programmed Bradycardia Right Atrium Sensing Amplitude Adaptation Mode	ENUM
729664	MDC_IDC_SET_LEADCHNL_RA_SENSING_ ANODE_LOCATION	754497^MDC_IDC_ENUM_ELECTRODE_LOCATION_ RA^MDC 754498^MDC_IDC_ENUM_ELECTRODE_LOCATION_ RV^MDC 754499^MDC_IDC_ENUM_ELECTRODE_LOCATION_ LA^MDC 754500^MDC_IDC_ENUM_ELECTRODE_LOCATION_ LV^MDC 754501^MDC_IDC_ENUM_ELECTRODE_LOCATION_ SVC^MDC 754503^MDC_IDC_ENUM_ELECTRODE_LOCATION_ Unknown^MDC	Encounter Programmed Bradycardia Right Atrium Sensing Pathway Location	ENUM
729665	MDC_IDC_SET_LEADCHNL_RA_SENSING_ ANODE_LOCATION_1			
729666	MDC_IDC_SET_LEADCHNL_RA_SENSING_ ANODE_LOCATION_2			
729667	MDC_IDC_SET_LEADCHNL_RA_SENSING_ ANODE_LOCATION_3			
729792	MDC_IDC_SET_LEADCHNL_RA_SENSING_ CATHODE_LOCATION			
729793	MDC_IDC_SET_LEADCHNL_RA_ SENSING_CATHODE_LOCATION_1			
729794	MDC_IDC_SET_LEADCHNL_RA_SENSING_ CATHODE_LOCATION_2			

IDCO			Paceart	
OBX 3-1	**OBX 3-2**	**Supported Values (OBX 5)**	**Parameter Name**	**Parameter Type**
729795	MDC_IDC_SET_LEADCHNL_RA_SENSING_ CATHODE_LOCATION_3			
729728	MDC_IDC_SET_LEADCHNL_RA_SENSING_ ANODE_ELECTRODE	754561^MDC_IDC_ENUM_ELECTRODE_NAME_ Tip^MDC	Encounter Programmed Bradycardia Right Atrium Sensing Pathway Electrode	ENUM
729729	MDC_IDC_SET_LEADCHNL_RA_SENSING_ ANODE_ELECTRODE_1	754562^MDC_IDC_ENUM_ELECTRODE_NAME_ Ring^MDC		
729730	MDC_IDC_SET_LEADCHNL_RA_SENSING_ ANODE_ELECTRODE_2	754563^MDC_IDC_ENUM_ELECTRODE_NAME_ Ring1^MDC		
729731	MDC_IDC_SET_LEADCHNL_RA_SENSING_ ANODE_ELECTRODE_3	754564^MDC_IDC_ENUM_ELECTRODE_NAME_ Ring2^MDC		
729856	MDC_IDC_SET_LEADCHNL_RA_SENSING_ CATHODE_ELECTRODE	754565^MDC_IDC_ENUM_ELECTRODE_NAME_ Ring3^MDC		
729857	MDC_IDC_SET_LEADCHNL_RA_SENSING_ CATHODE_ELECTRODE_1	754566^MDC_IDC_ENUM_ELECTRODE_NAME_ Ring4^MDC		
729858	MDC_IDC_SET_LEADCHNL_RA_SENSING_ CATHODE_ELECTRODE_2	754567^MDC_IDC_ENUM_ELECTRODE_NAME_ Coil^MDC		
729859	MDC_IDC_SET_LEADCHNL_RA_SENSING_ CATHODE_ELECTRODE_3	754568^MDC_IDC_ENUM_ELECTRODE_NAME_ SubQPatch^MDC		
		754569^MDC_IDC_ENUM_ELECTRODE_NAME_ Can^MDC		
		754580^MDC_IDC_ENUM_ELECTRODE_NAME_ Unknown^MDC		
729537	MDC_IDC_SET_LEADCHNL_RV_SENSING_ SENSITIVITY		Encounter Programmed Bradycardia Right Ventricle Sensing Amplitude	Numeric
729601	MDC_IDC_SET_LEADCHNL_RV_SENSING_ POLARITY	754305^MDC_IDC_ENUM_POLARITY_UNI^MDC 754306^MDC_IDC_ENUM_POLARITY_BI^MDC	Encounter Programmed Bradycardia Right Ventricle Sensing Polarity	ENUM
729921	MDC_IDC_SET_LEADCHNL_RV_SENSING_ ADAPTATION_MODE	754625^MDC_IDC_ENUM_SENSING_ADAPTATION_ MODE_AdaptiveSensing^MDC 754626^MDC_IDC_ENUM_SENSING_ADAPTATION_ MODE_FixedPacing^MDC	Encounter Programmed Bradycardia Right Ventricle Sensing Amplitude Adaptation Mode	ENUM
729668	MDC_IDC_SET_LEADCHNL_RV_SENSING_ ANODE_LOCATION	754497^MDC_IDC_ENUM_ELECTRODE_LOCATION_ RA^MDC	Encounter Programmed Bradycardia Right Ventricle	ENUM
729669	MDC_IDC_SET_LEADCHNL_RV_SENSING_ ANODE_LOCATION_1	754498^MDC_IDC_ENUM_ELECTRODE_LOCATION_ RV^MDC		

IDCO			Paceart	
OBX 3-1	OBX 3-2	Supported Values (OBX 5)	Parameter Name	Parameter Type
729670	MDC_IDC_SET_LEADCHNL_RV_SENSING_ ANODE_LOCATION_2	754499^MDC_IDC_ENUM_ELECTRODE_LOCATION_ LA^MDC	Sensing Pathway Location	
729671	MDC_IDC_SET_LEADCHNL_RV_SENSING_ ANODE_LOCATION_3	754500^MDC_IDC_ENUM_ELECTRODE_LOCATION_ LV^MDC		
729796	MDC_IDC_SET_LEADCHNL_RV_SENSING_ CATHODE_LOCATION	754501^MDC_IDC_ENUM_ELECTRODE_LOCATION_ SVC^MDC		
729797	MDC_IDC_SET_LEADCHNL_RV_SENSING_ CATHODE_LOCATION_1	754503^MDC_IDC_ENUM_ELECTRODE_LOCATION_ Unknown^MDC		
729798	MDC_IDC_SET_LEADCHNL_RV_SENSING_ CATHODE_LOCATION_2			
729799	MDC_IDC_SET_LEADCHNL_RV_SENSING_ CATHODE_LOCATION_3			
729732	MDC_IDC_SET_LEADCHNL_RV_SENSING_ ANODE_ELECTRODE	754561^MDC_IDC_ENUM_ELECTRODE_NAME_ Tip^MDC	Encounter Programmed Bradycardia Right Ventricle Sensing Pathway Electrode	ENUM
729733	MDC_IDC_SET_LEADCHNL_RV_SENSING_ ANODE_ELECTRODE_1	754562^MDC_IDC_ENUM_ELECTRODE_NAME_ Ring^MDC		
729734	MDC_IDC_SET_LEADCHNL_RV_SENSING_ ANODE_ELECTRODE_2	754563^MDC_IDC_ENUM_ELECTRODE_NAME_ Ring1^MDC		
729735	MDC_IDC_SET_LEADCHNL_RV_SENSING_ ANODE_ELECTRODE_3	754564^MDC_IDC_ENUM_ELECTRODE_NAME_ Ring2^MDC		
729860	MDC_IDC_SET_LEADCHNL_RV_SENSING_ CATHODE_ELECTRODE	754565^MDC_IDC_ENUM_ELECTRODE_NAME_ Ring3^MDC		
729861	MDC_IDC_SET_LEADCHNL_RV_SENSING_ CATHODE_ELECTRODE_1	754566^MDC_IDC_ENUM_ELECTRODE_NAME_ Ring4^MDC		
729862	MDC_IDC_SET_LEADCHNL_RV_SENSING_ CATHODE_ELECTRODE_2	754567^MDC_IDC_ENUM_ELECTRODE_NAME_ Coil^MDC		
729863	MDC_IDC_SET_LEADCHNL_RV_SENSING_ CATHODE_ELECTRODE_3	754568^MDC_IDC_ENUM_ELECTRODE_NAME_ SubQPatch^MDC		
		754569^MDC_IDC_ENUM_ELECTRODE_NAME_ Can^MDC		
		754580^MDC_IDC_ENUM_ELECTRODE_NAME_ Unknown^MDC		
729538	MDC_IDC_SET_LEADCHNL_LA_SENSING_ SENSITIVITY		Encounter Programmed Bradycardia Left Atrium Sensing Amplitude	Numeric
729602	MDC_IDC_SET_LEADCHNL_LA_SENSING_ POLARITY	754305^MDC_IDC_ENUM_POLARITY_UNI^MDC 754306^MDC_IDC_ENUM_POLARITY_BI^MDC	Encounter Programmed Bradycardia Left Atrium Sensing Polarity	ENUM

IDCO			Paceart	
OBX 3-1	OBX 3-2	Supported Values (OBX 5)	Parameter Name	Parameter Type
729922	MDC_IDC_SET_LEADCHNL_LA_SENSING_ ADAPTATION_MODE	754625^MDC_IDC_ENUM_SENSING_ADAPTATION_ MODE_AdaptiveSensing^MDC 754626^MDC_IDC_ENUM_SENSING_ADAPTATION_ MODE_FixedPacing^MDC	Encounter Programmed Bradycardia Left Atrium Sensing Amplitude Adaptation Mode	ENUM
729672	MDC_IDC_SET_LEADCHNL_LA_SENSING_ ANODE_LOCATION	754497^MDC_IDC_ENUM_ELECTRODE_LOCATION_ RA^MDC	Encounter Programmed Bradycardia Left Atrium Sensing Pathway Location	ENUM
729673	MDC_IDC_SET_LEADCHNL_LA_SENSING_ ANODE_LOCATION_1	754498^MDC_IDC_ENUM_ELECTRODE_LOCATION_ RV^MDC		
729674	MDC_IDC_SET_LEADCHNL_LA_SENSING_ ANODE_LOCATION_2	754499^MDC_IDC_ENUM_ELECTRODE_LOCATION_ LA^MDC		
729675	MDC_IDC_SET_LEADCHNL_LA_SENSING_ ANODE_LOCATION_3	754500^MDC_IDC_ENUM_ELECTRODE_LOCATION_ LV^MDC		
729800	MDC_IDC_SET_LEADCHNL_LA_SENSING_ CATHODE_LOCATION	754501^MDC_IDC_ENUM_ELECTRODE_LOCATION_ SVC^MDC		
729801	MDC_IDC_SET_LEADCHNL_LA_ SENSING_CATHODE_LOCATION_1	754503^MDC_IDC_ENUM_ELECTRODE_LOCATION_ Unknown^MDC		
729802	MDC_IDC_SET_LEADCHNL_LA_SENSING_ CATHODE_LOCATION_2			
729803	MDC_IDC_SET_LEADCHNL_LA_SENSING_ CATHODE_LOCATION_3			
729736	MDC_IDC_SET_LEADCHNL_LA_SENSING_ ANODE_ELECTRODE	754561^MDC_IDC_ENUM_ELECTRODE_NAME_ Tip^MDC	Encounter Programmed Bradycardia Left Atrium Sensing Pathway Electrode	ENUM
729737	MDC_IDC_SET_LEADCHNL_LA_SENSING_ ANODE_ELECTRODE_1	754562^MDC_IDC_ENUM_ELECTRODE_NAME_ Ring^MDC		
729738	MDC_IDC_SET_LEADCHNL_LA_SENSING_ ANODE_ELECTRODE_2	754563^MDC_IDC_ENUM_ELECTRODE_NAME_ Ring1^MDC		
729739	MDC_IDC_SET_LEADCHNL_LA_SENSING_ ANODE_ELECTRODE_3	754564^MDC_IDC_ENUM_ELECTRODE_NAME_ Ring2^MDC		
729864	MDC_IDC_SET_LEADCHNL_LA_SENSING_ CATHODE_ELECTRODE	754565^MDC_IDC_ENUM_ELECTRODE_NAME_ Ring3^MDC		
729865	MDC_IDC_SET_LEADCHNL_LA_SENSING_ CATHODE_ELECTRODE_1	754566^MDC_IDC_ENUM_ELECTRODE_NAME_ Ring4^MDC		
729866	MDC_IDC_SET_LEADCHNL_LA_SENSING_ CATHODE_ELECTRODE_2	754567^MDC_IDC_ENUM_ELECTRODE_NAME_ Coil^MDC 754568^MDC_IDC_ENUM_ELECTRODE_NAME_ SubQPatch^MDC		
729867	MDC_IDC_SET_LEADCHNL_LA_SENSING_ CATHODE_ELECTRODE_3	754569^MDC_IDC_ENUM_ELECTRODE_NAME_ Can^MDC 754580^MDC_IDC_ENUM_ELECTRODE_NAME_ Unknown^MDC		

IDCO			Paceart	
OBX 3-1	OBX 3-2	Supported Values (OBX 5)	Parameter Name	Parameter Type
729539	MDC_IDC_SET_LEADCHNL_LV_SENSING_ SENSITIVITY		Encounter Programmed Bradycardia Left Ventricle Sensing Amplitude	Numeric
729603	MDC_IDC_SET_LEADCHNL_LV_SENSING_ POLARITY	754305^MDC_IDC_ENUM_POLARITY_UNI^MDC 754306^MDC_IDC_ENUM_POLARITY_BI^MDC	Encounter Programmed Bradycardia Right Ventricle Sensing Polarity	ENUM
729923	MDC_IDC_SET_LEADCHNL_LV_SENSING_ ADAPTATION_MODE	754625^MDC_IDC_ENUM_SENSING_ADAPTATION_ MODE_AdaptiveSensing^MDC 754626^MDC_IDC_ENUM_SENSING_ADAPTATION_ MODE_FixedPacing^MDC	Encounter Programmed Bradycardia Left Ventricle Sensing Amplitude Adaptation Mode	ENUM
729676	MDC_IDC_SET_LEADCHNL_LV_SENSING_ ANODE_LOCATION	754497^MDC_IDC_ENUM_ELECTRODE_LOCATION_ RA^MDC	Encounter Programmed Bradycardia Left Ventricle Sensing Pathway Location	ENUM
729677	MDC_IDC_SET_LEADCHNL_LV_SENSING_ ANODE_LOCATION_1	754498^MDC_IDC_ENUM_ELECTRODE_LOCATION_ RV^MDC		
729678	MDC_IDC_SET_LEADCHNL_LV_SENSING_ ANODE_LOCATION_2	754499^MDC_IDC_ENUM_ELECTRODE_LOCATION_ LA^MDC		
729679	MDC_IDC_SET_LEADCHNL_LV_SENSING_ ANODE_LOCATION_3	754500^MDC_IDC_ENUM_ELECTRODE_LOCATION_ LV^MDC		
729804	MDC_IDC_SET_LEADCHNL_LV_SENSING_ CATHODE_LOCATION	754501^MDC_IDC_ENUM_ELECTRODE_LOCATION_ SVC^MDC		
729805	MDC_IDC_SET_LEADCHNL_LV_SENSING_ CATHODE_LOCATION_1	754503^MDC_IDC_ENUM_ELECTRODE_LOCATION_ Unknown^MDC		
729806	MDC_IDC_SET_LEADCHNL_LV_SENSING_ CATHODE_LOCATION_2			
729807	MDC_IDC_SET_LEADCHNL_LV_SENSING_ CATHODE_LOCATION_3			
729740	MDC_IDC_SET_LEADCHNL_LV_SENSING_ ANODE_ELECTRODE	754561^MDC_IDC_ENUM_ELECTRODE_NAME_ Tip^MDC	Encounter Programmed Bradycardia Left Ventricle Sensing Pathway Electrode	ENUM
729741	MDC_IDC_SET_LEADCHNL_LV_SENSING_ ANODE_ELECTRODE_1	754562^MDC_IDC_ENUM_ELECTRODE_NAME_ Ring^MDC		
729742	MDC_IDC_SET_LEADCHNL_LV_SENSING_ ANODE_ELECTRODE_2	754563^MDC_IDC_ENUM_ELECTRODE_NAME_ Ring1^MDC		
729743	MDC_IDC_SET_LEADCHNL_LV_SENSING_ ANODE_ELECTRODE_3	754564^MDC_IDC_ENUM_ELECTRODE_NAME_ Ring2^MDC		
		754565^MDC_IDC_ENUM_ELECTRODE_NAME_ Ring3^MDC		

IDCO			Paceart	
OBX 3-1	OBX 3-2	Supported Values (OBX 5)	Parameter Name	Parameter Type
729868	MDC_IDC_SET_LEADCHNL_LV_SENSING_ CATHODE_ELECTRODE	754566^MDC_IDC_ENUM_ELECTRODE_NAME_ Ring4^MDC		
729869	MDC_IDC_SET_LEADCHNL_LV_SENSING_ CATHODE_ELECTRODE_1	754567^MDC_IDC_ENUM_ELECTRODE_NAME_ Coil^MDC		
729870	MDC_IDC_SET_LEADCHNL_LV_SENSING_ CATHODE_ELECTRODE_2	754568^MDC_IDC_ENUM_ELECTRODE_NAME_ SubQPatch^MDC		
729871	MDC_IDC_SET_LEADCHNL_LV_SENSING_ CATHODE_ELECTRODE_3	754569^MDC_IDC_ENUM_ELECTRODE_NAME_ Can^MDC 754580^MDC_IDC_ENUM_ELECTRODE_NAME_ Unknown^MDC		
729984	MDC_IDC_SET_LEADCHNL_RA_PACING_ AMPLITUDE		Encounter Programmed Bradycardia Right Atrium Pacing Amplitude	Numeric
730048	MDC_IDC_SET_LEADCHNL_RA_PACING_ PULSEWIDTH		Encounter Programmed Bradycardia Right Atrium Pacing Pulse Width	Numeric
730112	MDC_IDC_SET_LEADCHNL_RA_PACING_ POLARITY	754305^MDC_IDC_ENUM_POLARITY_UNI^MDC 754306^MDC_IDC_ENUM_POLARITY_BI^MDC	Encounter Programmed Bradycardia Right Atrium Pacing Polarity	ENUM
730432	MDC_IDC_SET_LEADCHNL_RA_PACING_ CAPTURE_MODE	754689^MDC_IDC_ENUM_PACING_CAPTURE_MODE_ AdaptiveCapture^MDC 754690^MDC_IDC_ENUM_PACING_CAPTURE_MODE_ FixedPacing^MDC 754691^MDC_IDC_ENUM_PACING_CAPTURE_MODE_ MonitorCapture^MDC	Encounter Programmed Bradycardia Right Atrium Pacing Adaptation Mode	ENUM
730176	MDC_IDC_SET_LEADCHNL_RA_PACING_ ANODE_LOCATION	754497^MDC_IDC_ENUM_ELECTRODE_LOCATION_ RA^MDC	Encounter Programmed Bradycardia Right Atrium Pacing Pathway Location	ENUM
730177	MDC_IDC_SET_LEADCHNL_RA_PACING_ ANODE_LOCATION_1	754498^MDC_IDC_ENUM_ELECTRODE_LOCATION_ RV^MDC		
730178	MDC_IDC_SET_LEADCHNL_RA_PACING_ ANODE_LOCATION_2	754499^MDC_IDC_ENUM_ELECTRODE_LOCATION_ LA^MDC		
730179	MDC_IDC_SET_LEADCHNL_RA_PACING_ ANODE_LOCATION_3	754500^MDC_IDC_ENUM_ELECTRODE_LOCATION_ LV^MDC		
730304	MDC_IDC_SET_LEADCHNL_RA_PACING_ CATHODE_LOCATION	754501^MDC_IDC_ENUM_ELECTRODE_LOCATION_ SVC^MDC		

IDCO			Paceart	
OBX 3-1	OBX 3-2	Supported Values (OBX 5)	Parameter Name	Parameter Type
730305	MDC_IDC_SET_LEADCHNL_RA_PACING_ CATHODE_LOCATION_1	754503^MDC_IDC_ENUM_ELECTRODE_LOCATION_ Unknown^MDC		
730306	MDC_IDC_SET_LEADCHNL_RA_PACING_ CATHODE_LOCATION_2			
730307	MDC_IDC_SET_LEADCHNL_RA_PACING_ CATHODE_LOCATION_3			
730240	MDC_IDC_SET_LEADCHNL_RA_PACING_ ANODE_ELECTRODE	754561^MDC_IDC_ENUM_ELECTRODE_NAME_ Tip^MDC	Encounter Programmed Bradycardia Right Atrium Pacing Pathway Electrode	ENUM
730241	MDC_IDC_SET_LEADCHNL_RA_PACING_ ANODE_ELECTRODE_1	754562^MDC_IDC_ENUM_ELECTRODE_NAME_ Ring^MDC		
730242	MDC_IDC_SET_LEADCHNL_RA_PACING_ ANODE_ELECTRODE_2	754563^MDC_IDC_ENUM_ELECTRODE_NAME_ Ring1^MDC		
730243	MDC_IDC_SET_LEADCHNL_RA_PACING_ ANODE_ELECTRODE_3	754564^MDC_IDC_ENUM_ELECTRODE_NAME_ Ring2^MDC		
730368	MDC_IDC_SET_LEADCHNL_RA_PACING_ CATHODE_ELECTRODE	754565^MDC_IDC_ENUM_ELECTRODE_NAME_ Ring3^MDC		
730369	MDC_IDC_SET_LEADCHNL_RA_PACING_ CATHODE_ELECTRODE_1	754566^MDC_IDC_ENUM_ELECTRODE_NAME_ Ring4^MDC		
730370	MDC_IDC_SET_LEADCHNL_RA_PACING_ CATHODE_ELECTRODE_2	754567^MDC_IDC_ENUM_ELECTRODE_NAME_ Coil^MDC		
730371	MDC_IDC_SET_LEADCHNL_RA_PACING_ CATHODE_ELECTRODE_3	754568^MDC_IDC_ENUM_ELECTRODE_NAME_ SubQPatch^MDC 754569^MDC_IDC_ENUM_ELECTRODE_NAME_ Can^MDC 754580^MDC_IDC_ENUM_ELECTRODE_NAME_ Unknown^MDC		
729985	MDC_IDC_SET_LEADCHNL_RV_PACING_ AMPLITUDE		Encounter Programmed Bradycardia Right Ventricle Pacing Amplitude	Numeric
730049	MDC_IDC_SET_LEADCHNL_RV_PACING_ PULSEWIDTH		Encounter Programmed Bradycardia Right Ventricle Pacing Pulse Width	Numeric
730113	MDC_IDC_SET_LEADCHNL_RV_PACING_ POLARITY	754305^MDC_IDC_ENUM_POLARITY_UNI^MDC 754306^MDC_IDC_ENUM_POLARITY_BI^MDC	Encounter Programmed Bradycardia Right Ventricle Pacing Polarity	ENUM

IDCO			Paceart	
OBX 3-1	OBX 3-2	Supported Values (OBX 5)	Parameter Name	Parameter Type
730433	MDC_IDC_SET_LEADCHNL_RV_PACING_ CAPTURE_MODE	754689^MDC_IDC_ENUM_PACING_CAPTURE_MODE_ AdaptiveCapture^MDC 754690^MDC_IDC_ENUM_PACING_CAPTURE_MODE_ FixedPacing^MDC 754691^MDC_IDC_ENUM_PACING_CAPTURE_MODE_ MonitorCapture^MDC	Encounter Programmed Bradycardia Right Ventricle Pacing Adaptation Mode	ENUM
730180	MDC_IDC_SET_LEADCHNL_RV_PACING_ ANODE_LOCATION	754497^MDC_IDC_ENUM_ELECTRODE_LOCATION_ RA^MDC	Encounter Programmed Bradycardia Right Ventricle Pacing Pathway Location	ENUM
730181	MDC_IDC_SET_LEADCHNL_RV_PACING_ ANODE_LOCATION_1	754498^MDC_IDC_ENUM_ELECTRODE_LOCATION_ RV^MDC		
730182	MDC_IDC_SET_LEADCHNL_RV_PACING_ ANODE_LOCATION_2	754499^MDC_IDC_ENUM_ELECTRODE_LOCATION_ LA^MDC		
730183	MDC_IDC_SET_LEADCHNL_RV_PACING_ ANODE_LOCATION_3	754500^MDC_IDC_ENUM_ELECTRODE_LOCATION_ LV^MDC		
730308	MDC_IDC_SET_LEADCHNL_RV_PACING_ CATHODE_LOCATION	754501^MDC_IDC_ENUM_ELECTRODE_LOCATION_ SVC^MDC		
730309	MDC_IDC_SET_LEADCHNL_RV_PACING_ CATHODE_LOCATION_1	754503^MDC_IDC_ENUM_ELECTRODE_LOCATION_ Unknown^MDC		
730310	MDC_IDC_SET_LEADCHNL_RV_PACING_ CATHODE_LOCATION_2			
730311	MDC_IDC_SET_LEADCHNL_RV_PACING_ CATHODE_LOCATION_3			
730244	MDC_IDC_SET_LEADCHNL_RV_PACING_ ANODE_ELECTRODE	754561^MDC_IDC_ENUM_ELECTRODE_NAME_ Tip^MDC	Encounter Programmed Bradycardia Right Ventricle Pacing Pathway Electrode	ENUM
730245	MDC_IDC_SET_LEADCHNL_RV_PACING_ ANODE_ELECTRODE_1	754562^MDC_IDC_ENUM_ELECTRODE_NAME_ Ring^MDC		
730246	MDC_IDC_SET_LEADCHNL_RV_PACING_ ANODE_ELECTRODE_2	754563^MDC_IDC_ENUM_ELECTRODE_NAME_ Ring1^MDC		
730183	MDC_IDC_SET_LEADCHNL_RV_PACING_ ANODE_ELECTRODE_3	754564^MDC_IDC_ENUM_ELECTRODE_NAME_ Ring2^MDC		
730372	MDC_IDC_SET_LEADCHNL_RV_PACING_ CATHODE_ELECTRODE	754565^MDC_IDC_ENUM_ELECTRODE_NAME_ Ring3^MDC		
730373	MDC_IDC_SET_LEADCHNL_RV_PACING_ CATHODE_ELECTRODE_1	754566^MDC_IDC_ENUM_ELECTRODE_NAME_ Ring4^MDC		
730374	MDC_IDC_SET_LEADCHNL_RV_PACING_ CATHODE_ELECTRODE_2	754567^MDC_IDC_ENUM_ELECTRODE_NAME_ Coil^MDC		
730375	MDC_IDC_SET_LEADCHNL_RV_PACING_ CATHODE_ELECTRODE_3	754568^MDC_IDC_ENUM_ELECTRODE_NAME_ SubQPatch^MDC 754569^MDC_IDC_ENUM_ELECTRODE_NAME_ Can^MDC 754580^MDC_IDC_ENUM_ELECTRODE_NAME_ Unknown^MDC		

IDCO			Paceart	
OBX 3-1	OBX 3-2	Supported Values (OBX 5)	Parameter Name	Parameter Type
729986	MDC_IDC_SET_LEADCHNL_LA_PACING_ AMPLITUDE		Encounter Programmed Bradycardia Left Atrium Pacing Amplitude	Numeric
730050	MDC_IDC_SET_LEADCHNL_LA_PACING_ PULSEWIDTH		Encounter Programmed Bradycardia Left Atrium Pacing Pulse Width	Numeric
730114	MDC_IDC_SET_LEADCHNL_LA_PACING_ POLARITY	754305^MDC_IDC_ENUM_POLARITY_UNI^MDC 754306^MDC_IDC_ENUM_POLARITY_BI^MDC	Encounter Programmed Bradycardia Left Atrium Pacing Polarity	ENUM
730434	MDC_IDC_SET_LEADCHNL_LA_PACING_ CAPTURE_MODE	754689^MDC_IDC_ENUM_PACING_CAPTURE_MODE_ AdaptiveCapture^MDC 754690^MDC_IDC_ENUM_PACING_CAPTURE_MODE_ FixedPacing^MDC 754691^MDC_IDC_ENUM_PACING_CAPTURE_MODE_ MonitorCapture^MDC	Encounter Programmed Bradycardia Left Atrium Pacing Adaptation Mode	ENUM
730184	MDC_IDC_SET_LEADCHNL_LA_PACING_ANODE_ LOCATION	754497^MDC_IDC_ENUM_ELECTRODE_LOCATION_ RA^MDC 754498^MDC_IDC_ENUM_ELECTRODE_LOCATION_ RV^MDC 754499^MDC_IDC_ENUM_ELECTRODE_LOCATION_ LA^MDC 754500^MDC_IDC_ENUM_ELECTRODE_LOCATION_ LV^MDC 754501^MDC_IDC_ENUM_ELECTRODE_LOCATION_ SVC^MDC 754503^MDC_IDC_ENUM_ELECTRODE_LOCATION_ Unknown^MDC	Encounter Programmed Bradycardia Left Atrium Pacing Pathway Location	ENUM
730185	MDC_IDC_SET_LEADCHNL_LA_PACING_ANODE_ LOCATION_1			
730186	MDC_IDC_SET_LEADCHNL_LA_PACING_ANODE_ LOCATION_2			
730187	MDC_IDC_SET_LEADCHNL_LA_PACING_ANODE_ LOCATION_3			
730312	MDC_IDC_SET_LEADCHNL_LA_PACING_ CATHODE_LOCATION			
730313	MDC_IDC_SET_LEADCHNL_LA_PACING_ CATHODE_LOCATION_1			
730314	MDC_IDC_SET_LEADCHNL_LA_PACING_ CATHODE_LOCATION_2			
730315	MDC_IDC_SET_LEADCHNL_LA_PACING_ CATHODE_LOCATION_3			
730248	MDC_IDC_SET_LEADCHNL_LA_PACING_ANODE_ ELECTRODE	754561^MDC_IDC_ENUM_ELECTRODE_NAME_ Tip^MDC 754562^MDC_IDC_ENUM_ELECTRODE_NAME_ Ring^MDC	Encounter Programmed Bradycardia Left Atrium Pacing Pathway Electrode	ENUM
730249	MDC_IDC_SET_LEADCHNL_LA_PACING_ANODE_ ELECTRODE_1			

IDCO			Paceart	
OBX 3-1	OBX 3-2	Supported Values (OBX 5)	Parameter Name	Parameter Type
730250	MDC_IDC_SET_LEADCHNL_LA_PACING_ANODE_ELECTRODE_2	754563^MDC_IDC_ENUM_ELECTRODE_NAME_Ring1^MDC		
730251	MDC_IDC_SET_LEADCHNL_LA_PACING_ANODE_ELECTRODE_3	754564^MDC_IDC_ENUM_ELECTRODE_NAME_Ring2^MDC		
730376	MDC_IDC_SET_LEADCHNL_LA_PACING_CATHODE_ELECTRODE	754565^MDC_IDC_ENUM_ELECTRODE_NAME_Ring3^MDC		
730377	MDC_IDC_SET_LEADCHNL_LA_PACING_CATHODE_ELECTRODE_1	754566^MDC_IDC_ENUM_ELECTRODE_NAME_Ring4^MDC		
730378	MDC_IDC_SET_LEADCHNL_LA_PACING_CATHODE_ELECTRODE_2	754567^MDC_IDC_ENUM_ELECTRODE_NAME_Coil^MDC		
730379	MDC_IDC_SET_LEADCHNL_LA_PACING_CATHODE_ELECTRODE_3	754568^MDC_IDC_ENUM_ELECTRODE_NAME_SubQPatch^MDC 754569^MDC_IDC_ENUM_ELECTRODE_NAME_Can^MDC 754580^MDC_IDC_ENUM_ELECTRODE_NAME_Unknown^MDC		
729987	MDC_IDC_SET_LEADCHNL_LV_PACING_AMPLITUDE		Encounter Programmed Bradycardia Left Ventricle Pacing Amplitude	Numeric
730051	MDC_IDC_SET_LEADCHNL_LV_PACING_PULSEWIDTH		Encounter Programmed Bradycardia Left Ventricle Pacing Pulse Width	Numeric
730115	MDC_IDC_SET_LEADCHNL_LV_PACING_POLARITY	754305^MDC_IDC_ENUM_POLARITY_UNI^MDC 754306^MDC_IDC_ENUM_POLARITY_BI^MDC	Encounter Programmed Bradycardia Left Ventricle Pacing Polarity	ENUM
730435	MDC_IDC_SET_LEADCHNL_LV_PACING_CAPTURE_MODE	754689^MDC_IDC_ENUM_PACING_CAPTURE_MODE_AdaptiveCapture^MDC 754690^MDC_IDC_ENUM_PACING_CAPTURE_MODE_FixedPacing^MDC 754691^MDC_IDC_ENUM_PACING_CAPTURE_MODE_MonitorCapture^MDC	Encounter Programmed Bradycardia Left Ventricle Pacing Adaptation Mode	ENUM
730188	MDC_IDC_SET_LEADCHNL_LV_PACING_ANODE_LOCATION	754497^MDC_IDC_ENUM_ELECTRODE_LOCATION_RA^MDC	Encounter Programmed Bradycardia Left Ventricle Pacing Pathway Location	ENUM
730189	MDC_IDC_SET_LEADCHNL_LV_PACING_ANODE_LOCATION_1	754498^MDC_IDC_ENUM_ELECTRODE_LOCATION_RV^MDC		
730190	MDC_IDC_SET_LEADCHNL_LV_PACING_ANODE_LOCATION_2	754499^MDC_IDC_ENUM_ELECTRODE_LOCATION_LA^MDC		

IDCO			Paceart	
OBX 3-1	OBX 3-2	Supported Values (OBX 5)	Parameter Name	Parameter Type
730191	MDC_IDC_SET_LEADCHNL_LV_PACING_ANODE_LOCATION_3	754500^MDC_IDC_ENUM_ELECTRODE_LOCATION_LV^MDC		
730316	MDC_IDC_SET_LEADCHNL_LV_PACING_CATHODE_LOCATION	754501^MDC_IDC_ENUM_ELECTRODE_LOCATION_SVC^MDC		
730317	MDC_IDC_SET_LEADCHNL_LV_PACING_CATHODE_LOCATION_1	754503^MDC_IDC_ENUM_ELECTRODE_LOCATION_Unknown^MDC		
730318	MDC_IDC_SET_LEADCHNL_LV_PACING_CATHODE_LOCATION_2			
730319	MDC_IDC_SET_LEADCHNL_LV_PACING_CATHODE_LOCATION_3			
730252	MDC_IDC_SET_LEADCHNL_LV_PACING_ANODE_ELECTRODE	754561^MDC_IDC_ENUM_ELECTRODE_NAME_Tip^MDC	Encounter Programmed Bradycardia Left Ventricle Pacing Pathway Electrode	ENUM
730253	MDC_IDC_SET_LEADCHNL_LV_PACING_ANODE_ELECTRODE_1	754562^MDC_IDC_ENUM_ELECTRODE_NAME_Ring^MDC		
730254	MDC_IDC_SET_LEADCHNL_LV_PACING_ANODE_ELECTRODE_2	754563^MDC_IDC_ENUM_ELECTRODE_NAME_Ring1^MDC		
730255	MDC_IDC_SET_LEADCHNL_LV_PACING_ANODE_ELECTRODE_3	754564^MDC_IDC_ENUM_ELECTRODE_NAME_Ring2^MDC		
730380	MDC_IDC_SET_LEADCHNL_LV_PACING_CATHODE_ELECTRODE	754565^MDC_IDC_ENUM_ELECTRODE_NAME_Ring3^MDC		
730381	MDC_IDC_SET_LEADCHNL_LV_PACING_CATHODE_ELECTRODE_1	754566^MDC_IDC_ENUM_ELECTRODE_NAME_Ring4^MDC		
730382	MDC_IDC_SET_LEADCHNL_LV_PACING_CATHODE_ELECTRODE_2	754567^MDC_IDC_ENUM_ELECTRODE_NAME_Coil^MDC		
730383	MDC_IDC_SET_LEADCHNL_LV_PACING_CATHODE_ELECTRODE_3	754568^MDC_IDC_ENUM_ELECTRODE_NAME_SubQPatch^MDC		
		754569^MDC_IDC_ENUM_ELECTRODE_NAME_Can^MDC		
		754580^MDC_IDC_ENUM_ELECTRODE_NAME_Unknown^MDC		
730752	MDC_IDC_SET_BRADY_MODE	754753^MDC_IDC_ENUM_BRADY_MODE_AAI^MDC	Encounter Programmed Bradycardia Pacing Mode	ENUM
		754754^MDC_IDC_ENUM_BRADY_MODE_AAIR^MDC		
		754755^MDC_IDC_ENUM_BRADY_MODE_AAT^MDC		
		754756^MDC_IDC_ENUM_BRADY_MODE_AATR^MDC		
		754757^MDC_IDC_ENUM_BRADY_MODE_AOO^MDC		
		754758^MDC_IDC_ENUM_BRADY_MODE_AOOR^MDC		
		754759^MDC_IDC_ENUM_BRADY_MODE_DAD^MDC		
		754760^MDC_IDC_ENUM_BRADY_MODE_DDD^MDC		
		754761^MDC_IDC_ENUM_BRADY_MODE_DDDR^MDC		
		754762^MDC_IDC_ENUM_BRADY_MODE_DDI^MDC		

IDCO			Paceart	
OBX 3-1	OBX 3-2	Supported Values (OBX 5)	Parameter Name	Parameter Type
		754763^MDC_IDC_ENUM_BRADY_MODE_DDIR^MDC		
		754764^MDC_IDC_ENUM_BRADY_MODE_DOO^MDC		
		754765^MDC_IDC_ENUM_BRADY_MODE_DOOR^MDC		
		754766^MDC_IDC_ENUM_BRADY_MODE_DVI^MDC		
		754767^MDC_IDC_ENUM_BRADY_MODE_DVIR^MDC		
		754768^MDC_IDC_ENUM_BRADY_MODE_VAT^MDC		
		754769^MDC_IDC_ENUM_BRADY_MODE_VDD^MDC		
		754770^MDC_IDC_ENUM_BRADY_MODE_VDDR^MDC		
		754771^MDC_IDC_ENUM_BRADY_MODE_VOO^MDC		
		754772^MDC_IDC_ENUM_BRADY_MODE_VOOR^MDC		
		754773^MDC_IDC_ENUM_BRADY_MODE_VVI^MDC		
		754774^MDC_IDC_ENUM_BRADY_MODE_VVIR^MDC		
		754775^MDC_IDC_ENUM_BRADY_MODE_VVT^MDC		
		754776^MDC_IDC_ENUM_BRADY_MODE_OOO^MDC		
		754777^MDC_IDC_ENUM_BRADY_MODE_OOOR^MDC		
		754778^MDC_IDC_ENUM_BRADY_MODE_VDI^MDC		
		754779^MDC_IDC_ENUM_BRADY_MODE_VDIR^MDC		
		754780^MDC_IDC_ENUM_BRADY_MODE_ODO^MDC		
		754781^MDC_IDC_ENUM_BRADY_MODE_VVTR^MDC		
		754782^MDC_IDC_ENUM_BRADY_MODE_DDTR^MDC		
		754783^MDC_IDC_ENUM_BRADY_MODE_OVO^MDC		
		754784^MDC_IDC_ENUM_BRADY_MODE_DVTR^MDC		
		754785^MDC_IDC_ENUM_BRADY_MODE_DDT^MDC		
		754786^MDC_IDC_ENUM_BRADY_MODE_VDTR^MDC		
		754787^MDC_IDC_ENUM_BRADY_MODE_VDT^MDC		
		754788^MDC_IDC_ENUM_BRADY_MODE_ADIR^MDC		
		754789^MDC_IDC_ENUM_BRADY_MODE_ADI^MDC		
		754790^MDC_IDC_ENUM_BRADY_MODE_Unknown		
730880	MDC_IDC_SET_BRADY_LOWRATE		Encounter Programmed Bradycardia Lower Rate	Numeric
730944	MDC_IDC_SET_BRADY_HYSTRATE		Encounter Programmed Bradycardia Hysteresis Rate	Numeric
731008	MDC_IDC_SET_BRADY_NIGHT_RATE		Encounter Programmed Bradycardia Sleep Rate	Numeric

IDCO			Paceart	
OBX 3-1	OBX 3-2	Supported Values (OBX 5)	Parameter Name	Parameter Type
731136	MDC_IDC_SET_BRADY_MAX_TRACKING_RATE		Encounter Programmed Bradycardia Maximum Tracking Rate	Numeric
731200	MDC_IDC_SET_BRADY_MAX_SENSOR_RATE		Encounter Programmed Bradycardia Maximum Sensor Rate	Numeric
731264	MDC_IDC_SET_BRADY_SAV_DELAY		Encounter Programmed Bradycardia AV Delay Adaptive Sensed Minimum	Numeric
731265	MDC_IDC_SET_BRADY_SAV_DELAY_HIGH		Encounter Programmed Bradycardia AV Delay Adaptive Sensed Minimum	Numeric
731266	MDC_IDC_SET_BRADY_SAV_DELAY_LOW		Encounter Programmed Bradycardia AV Delay Sensed	Numeric
731328	MDC_IDC_SET_BRADY_PAV_DELAY		Encounter Programmed Bradycardia AV Delay Adaptive Paced Minimum	Numeric
731329	MDC_IDC_SET_BRADY_PAV_DELAY_HIGH		Encounter Programmed Bradycardia AV Delay Adaptive Paced Minimum	Numeric
731330	MDC_IDC_SET_BRADY_PAV_DELAY_LOW		Encounter Programmed Bradycardia AV Delay Paced	Numeric
731392	MDC_IDC_SET_BRADY_AT_MODE_SWITCH_MODE	754753^MDC_IDC_ENUM_BRADY_MODE_AAI^MDC 754754^MDC_IDC_ENUM_BRADY_MODE_AAIR^MDC 754755^MDC_IDC_ENUM_BRADY_MODE_AAT^MDC 754756^MDC_IDC_ENUM_BRADY_MODE_AATR^MDC 754757^MDC_IDC_ENUM_BRADY_MODE_AOO^MDC 754758^MDC_IDC_ENUM_BRADY_MODE_AOOR^MDC	Encounter Programmed Bradycardia Automatic Mode Switch Therapy Pacing Mode	ENUM

IDCO			Paceart	
OBX 3-1	OBX 3-2	Supported Values (OBX 5)	Parameter Name	Parameter Type
		754759^MDC_IDC_ENUM_BRADY_MODE_DAD^MDC		
		754760^MDC_IDC_ENUM_BRADY_MODE_DDD^MDC		
		754761^MDC_IDC_ENUM_BRADY_MODE_DDDR^MDC		
		754762^MDC_IDC_ENUM_BRADY_MODE_DDI^MDC		
		754763^MDC_IDC_ENUM_BRADY_MODE_DDIR^MDC		
		754764^MDC_IDC_ENUM_BRADY_MODE_DOO^MDC		
		754765^MDC_IDC_ENUM_BRADY_MODE_DOOR^MDC		
		754766^MDC_IDC_ENUM_BRADY_MODE_DVI^MDC		
		754767^MDC_IDC_ENUM_BRADY_MODE_DVIR^MDC		
		754768^MDC_IDC_ENUM_BRADY_MODE_VAT^MDC		
		754769^MDC_IDC_ENUM_BRADY_MODE_VDD^MDC		
		754770^MDC_IDC_ENUM_BRADY_MODE_VDDR^MDC		
		754771^MDC_IDC_ENUM_BRADY_MODE_VOO^MDC		
		754772^MDC_IDC_ENUM_BRADY_MODE_VOOR^MDC		
		754773^MDC_IDC_ENUM_BRADY_MODE_VVI^MDC		
		754774^MDC_IDC_ENUM_BRADY_MODE_VVIR^MDC		
		754775^MDC_IDC_ENUM_BRADY_MODE_VVT^MDC		
		754776^MDC_IDC_ENUM_BRADY_MODE_OOO^MDC		
		754777^MDC_IDC_ENUM_BRADY_MODE_OOOR^MDC		
		754778^MDC_IDC_ENUM_BRADY_MODE_VDI^MDC		
		754779^MDC_IDC_ENUM_BRADY_MODE_VDIR^MDC		
		754780^MDC_IDC_ENUM_BRADY_MODE_ODO^MDC		
		754781^MDC_IDC_ENUM_BRADY_MODE_VVTR^MDC		
		754782^MDC_IDC_ENUM_BRADY_MODE_DDTR^MDC		
		754783^MDC_IDC_ENUM_BRADY_MODE_OVO^MDC		
		754784^MDC_IDC_ENUM_BRADY_MODE_DVTR^MDC		
		754785^MDC_IDC_ENUM_BRADY_MODE_DDT^MDC		
		754786^MDC_IDC_ENUM_BRADY_MODE_VDTR^MDC		
		754787^MDC_IDC_ENUM_BRADY_MODE_VDT^MDC		
		754788^MDC_IDC_ENUM_BRADY_MODE_ADIR^MDC		
		754789^MDC_IDC_ENUM_BRADY_MODE_ADI^MDC		
		754790^MDC_IDC_ENUM_BRADY_MODE_Unknown		
731456	MDC_IDC_SET_BRADY_AT_MODE_SWITCH_ RATE		Encounter Programmed Bradycardia Automatic Mode Switch Detection Criteria Rate	Numeric

IDCO			Paceart	
OBX 3-1	OBX 3-2	Supported Values (OBX 5)	Parameter Name	Parameter Type
731648	MDC_IDC_SET_ZONE_TYPE	754945^MDC_IDC_ENUM_ZONE_TYPE_Zone_VF^MDC 754946^MDC_IDC_ENUM_ZONE_TYPE_Zone_VT^MDC 754947^MDC_IDC_ENUM_ZONE_TYPE_Zone_ ATAF^MDC	Encounter Programmed Tachycardia Zone Type	ENUM
731712	MDC_IDC_SET_ZONE_VENDOR_TYPE	773185^MDC_IDC_ENUM_ZONE_VENDOR_TYPE_ STJ-Zone_VF^MDC 773188^MDC_IDC_ENUM_ZONE_VENDOR_TYPE_ STJ-Zone_VT1^MDC 773189^MDC_IDC_ENUM_ZONE_VENDOR_TYPE_ STJ-Zone_VT2^MDC 773190^MDC_IDC_ENUM_ZONE_VENDOR_TYPE_ STJ-Zone_AT_AF^MDC 771137^MDC_IDC_ENUM_ZONE_VENDOR_TYPE_BSX_ Zone_VT^MDC 771138^MDC_IDC_ENUM_ZONE_VENDOR_TYPE_BSX_ Zone_VT-1^MDC	Encounter Programmed Tachycardia Zone Type	ENUM
731776	MDC_IDC_SET_ZONE_STATUS	755009^MDC_IDC_ENUM_ZONE_STATUS_Active^MDC 755010^MDC_IDC_ENUM_ZONE_STATUS_ Inactive^MDC 755011^MDC_IDC_ENUM_ZONE_STATUS_Monitor^MDC	Encounter Programmed Tachycardia Zone Detection Status	ENUM
731840	MDC_IDC_SET_ZONE_DETECTION_INTERVAL		Encounter Programmed Tachycardia Zone Detection Interval	Numeric
731904	MDC_IDC_SET_ZONE_DETECTION_BEATS_ NUMERATOR		Encounter Programmed Tachycardia Zone Shared Detection Duration Beat Ratio Numerator	Numeric
731968	MDC_IDC_SET_ZONE_DETECTION_BEATS_ DENOMINATOR		Encounter Programmed Tachycardia Zone Shared Detection Duration Beat Ratio Denominator	Numeric
732225	MDC_IDC_SET_ZONE_SHOCK_ENERGY_1		Encounter Programmed Tachycardia	Numeric
732226	MDC_IDC_SET_ZONE_SHOCK_ENERGY_2			

IDCO			Paceart	
OBX 3-1	OBX 3-2	Supported Values (OBX 5)	Parameter Name	Parameter Type
732227	MDC_IDC_SET_ZONE_SHOCK_ENERGY_3		Shock Therapy Energy	
732228	MDC_IDC_SET_ZONE_SHOCK_ENERGY_4			
732229	MDC_IDC_SET_ZONE_SHOCK_ENERGY_5			
732230	MDC_IDC_SET_ZONE_SHOCK_ENERGY_6			
732231	MDC_IDC_SET_ZONE_SHOCK_ENERGY_7			
732232	MDC_IDC_SET_ZONE_SHOCK_ENERGY_8			
732233	MDC_IDC_SET_ZONE_SHOCK_ENERGY_9			
732234	MDC_IDC_SET_ZONE_SHOCK_ENERGY_10			
732097	MDC_IDC_SET_ZONE_TYPE_ATP_1	755073^MDC_IDC_ENUM_ATP_TYPE_Burst^MDC 755074^MDC_IDC_ENUM_ATP_TYPE_Ramp^MDC 755075^MDC_IDC_ENUM_ATP_TYPE_BurstScan^MDC 755076^MDC_IDC_ENUM_ATP_TYPE_RampScan^MDC 755078^MDC_IDC_ENUM_ATP_TYPE_Unknown^MDC	Encounter Programmed Tachycardia ATP Therapy Type	ENUM
732098	MDC_IDC_SET_ZONE_TYPE_ATP_2			
732099	MDC_IDC_SET_ZONE_TYPE_ATP_3			
732100	MDC_IDC_SET_ZONE_TYPE_ATP_4			
732101	MDC_IDC_SET_ZONE_TYPE_ATP_5			
732102	MDC_IDC_SET_ZONE_TYPE_ATP_6			
732103	MDC_IDC_SET_ZONE_TYPE_ATP_7			
732104	MDC_IDC_SET_ZONE_TYPE_ATP_8			
732105	MDC_IDC_SET_ZONE_TYPE_ATP_9			
732106	MDC_IDC_SET_ZONE_TYPE_ATP_10			
732161	MDC_IDC_SET_ZONE_NUM_ATP_SEQS_1		Encounter Programmed Tachycardia ATP Therapy Sequence ID	Numeric
732162	MDC_IDC_SET_ZONE_NUM_ATP_SEQS_2			
732163	MDC_IDC_SET_ZONE_NUM_ATP_SEQS_3			
732164	MDC_IDC_SET_ZONE_NUM_ATP_SEQS_4			
732165	MDC_IDC_SET_ZONE_NUM_ATP_SEQS_5			
732166	MDC_IDC_SET_ZONE_NUM_ATP_SEQS_6			
732167	MDC_IDC_SET_ZONE_NUM_ATP_SEQS_7			
732168	MDC_IDC_SET_ZONE_NUM_ATP_SEQS_8			
732169	MDC_IDC_SET_ZONE_NUM_ATP_SEQS_9			
732170	MDC_IDC_SET_ZONE_NUM_ATP_SEQS_10			
730497	MDC_IDC_SET_LEADHVCHNL_SHOCK_VECTOR_ANODE_LOCATION_1	754497^MDC_IDC_ENUM_ELECTRODE_LOCATION_RA^MDC 754498^MDC_IDC_ENUM_ELECTRODE_LOCATION_RV^MDC 754499^MDC_IDC_ENUM_ELECTRODE_LOCATION_LA^MDC	Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM
730498	MDC_IDC_SET_LEADHVCHNL_SHOCK_VECTOR_ANODE_LOCATION_2			
730499	MDC_IDC_SET_LEADHVCHNL_SHOCK_VECTOR_ANODE_LOCATION_3			

IDCO			Paceart	
OBX 3-1	**OBX 3-2**	**Supported Values (OBX 5)**	**Parameter Name**	**Parameter Type**
730625	MDC_IDC_SET_LEADHVCHNL_SHOCK_VECTOR_CATHODE_LOCATION_1	754500^MDC_IDC_ENUM_ELECTRODE_LOCATION_LV^MDC		
730626	MDC_IDC_SET_LEADHVCHNL_SHOCK_VECTOR_CATHODE_LOCATION_2	754501^MDC_IDC_ENUM_ELECTRODE_LOCATION_SVC^MDC		
730627	MDC_IDC_SET_LEADHVCHNL_SHOCK_VECTOR_CATHODE_LOCATION_3	754503^MDC_IDC_ENUM_ELECTRODE_LOCATION_Unknown^MDC		
730561	MDC_IDC_SET_LEADHVCHNL_SHOCK_VECTOR_ANODE_ELECTRODE_1	754561^MDC_IDC_ENUM_ELECTRODE_NAME_Tip^MDC	Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM
730562	MDC_IDC_SET_LEADHVCHNL_SHOCK_VECTOR_ANODE_ELECTRODE_2	754562^MDC_IDC_ENUM_ELECTRODE_NAME_Ring^MDC		
730563	MDC_IDC_SET_LEADHVCHNL_SHOCK_VECTOR_ANODE_ELECTRODE_3	754563^MDC_IDC_ENUM_ELECTRODE_NAME_Ring1^MDC		
730689	MDC_IDC_SET_LEADHVCHNL_SHOCK_VECTOR_CATHODE_ELECTRODE_1	754564^MDC_IDC_ENUM_ELECTRODE_NAME_Ring2^MDC		
730690	MDC_IDC_SET_LEADHVCHNL_SHOCK_VECTOR_CATHODE_ELECTRODE_2	754565^MDC_IDC_ENUM_ELECTRODE_NAME_Ring3^MDC		
730691	MDC_IDC_SET_LEADHVCHNL_SHOCK_VECTOR_CATHODE_ELECTRODE_3	754566^MDC_IDC_ENUM_ELECTRODE_NAME_Ring4^MDC		
		754567^MDC_IDC_ENUM_ELECTRODE_NAME_Coil^MDC		
		754568^MDC_IDC_ENUM_ELECTRODE_NAME_SubQPatch^MDC		
		754569^MDC_IDC_ENUM_ELECTRODE_NAME_Can^MDC		
		754580^MDC_IDC_ENUM_ELECTRODE_NAME_Unknown^MDC		

Table : MDC_IDC_STAT

IDCO			Paceart	
OBX 3-1	**OBX 3-2**	**Supported Values (OBX 5)**	**Parameter Name**	**Parameter Type**
737617	MDC_IDC_STAT_HEART_RATE_DTM_START		Encounter Measured Physiological Measurements Since Last Session Start Date	DateTime
737618	MDC_IDC_STAT_HEART_RATE_DTM_END		Encounter Measured Physiological Measurements Since Last Session End Date	DateTime

IDCO			Paceart	
OBX 3-1	OBX 3-2	Supported Values (OBX 5)	Parameter Name	Parameter Type
737632	MDC_IDC_STAT_HEART_RATE_ATRIAL		Encounter Measured Physiological Measurements Since Last Session Right Atrium Measured Heart Rate	Integer
737633	MDC_IDC_STAT_HEART_RATE_ATRIAL_MAX		Encounter Measured Physiological Measurements Since Last Session Right Atrium Maximum Heart Rate	Integer
737634	MDC_IDC_STAT_HEART_RATE_ATRIAL_MIN		Encounter Measured Physiological Measurements Since Last Session Right Atrium Minimum Heart Rate	Integer
737635	MDC_IDC_STAT_HEART_RATE_ATRIAL_MEAN		Encounter Measured Physiological Measurements Since Last Session Right Atrium Mean Heart Rate	Integer
737648	MDC_IDC_STAT_HEART_RATE_VENTRICULAR		Encounter Measured Physiological Measurements Since Last Session Right Ventricle Measured Heart Rate	Integer
737649	MDC_IDC_STAT_HEART_RATE_VENTRICULAR_MAX		Encounter Measured Physiological Measurements Since Last Session Right Ventricle Maximum Heart Rate	Integer
737650	MDC_IDC_STAT_HEART_RATE_VENTRICULAR_MIN		Encounter Measured	Integer

IDCO			Paceart	
OBX 3-1	OBX 3-2	Supported Values (OBX 5)	Parameter Name	Parameter Type
			Physiological Measurements Since Last Session Right Ventricle Minimum Heart Rate	
737651	MDC_IDC_STAT_HEART_RATE_VENTRICULAR_MEAN		Encounter Measured Physiological Measurements Since Last Session Right Ventricle Mean Heart Rate	Integer
737505	MDC_IDC_STAT_BRADY_DTM_START		Encounter Measured Bradycardia Measurements Since Last Session Start Date	DateTime
737506	MDC_IDC_STAT_BRADY_DTM_END		Encounter Measured Bradycardia Measurements Since Last Session End Date	DateTime
737520	MDC_IDC_STAT_BRADY_RA_PERCENT_PACED		Encounter Measured Bradycardia Measurements Since Last Session Right Atrium Percent Paced	Numeric
737536	MDC_IDC_STAT_BRADY_RV_PERCENT_PACED		Encounter Measured Bradycardia Measurements Since Last Session Right Ventricle Percent Paced	Numeric
737552	MDC_IDC_STAT_BRADY_AP_VP_PERCENT		Encounter Measured Bradycardia Measurements Since Last Session AP VP Percent	Numeric
737568	MDC_IDC_STAT_BRADY_AS_VP_PERCENT		Encounter Measured Bradycardia	Numeric

IDCO			Paceart	
OBX 3-1	OBX 3-2	Supported Values (OBX 5)	Parameter Name	Parameter Type
			Measurements Since Last Session AS VP Percent	
737584	MDC_IDC_STAT_BRADY_AP_VS_PERCENT		Encounter Measured Bradycardia Measurements Since Last Session AP VS Percent	Numeric
737600	MDC_IDC_STAT_BRADY_AS_VS_PERCENT		Encounter Measured Bradycardia Measurements Since Last Session AS VS Percent	Numeric
737665	MDC_IDC_STAT_AT_DTM_START		Encounter Measured Atrial Tachycardia Counters Since Last Session Start Date	DateTime
737666	MDC_IDC_STAT_AT_DTM_END		Encounter Measured Atrial Tachycardia Counters Since Last Session End Date	DateTime
737680	MDC_IDC_STAT_AT_MODE_SW_MAX_DURATION		Encounter Measured Atrial Tachycardia Counters Since Last Session Mode Switch Maximum Duration	Numeric
737696	MDC_IDC_STAT_AT_BURDEN_PERCENT		Encounter Measured Atrial Tachycardia Counters Since Last Session AT AF Burden	Numeric
737712	MDC_IDC_STAT_AT_MODE_SW_PERCENT_TIME		Encounter Measured Atrial Tachycardia Counters Since Last Session Mode Switch Burden	Integer
737728	MDC_IDC_STAT_AT_MODE_SW_PERCENT_TIME_PER_DAY		Encounter Measured Atrial Tachycardia	Integer

IDCO			Paceart	
OBX 3-1	OBX 3-2	Supported Values (OBX 5)	Parameter Name	Parameter Type
			Counters Since Last Session Mode Switch Average Daily Burden	
737744	MDC_IDC_STAT_AT_MODE_SW_COUNT		Encounter Measured Atrial Tachycardia Counters Since Last Session Mode Switch Count	Integer
737760	MDC_IDC_STAT_AT_MODE_SW_COUNT_PER_DAY		Encounter Measured Atrial Tachycardia Counters Since Last Session Mode Switch Average Daily Count	Integer
737777	MDC_IDC_STAT_CRT_DTM_START		Encounter Measured Heart Failure Counters Since Last Session Start Date	DateTime
737778	MDC_IDC_STAT_CRT_DTM_END		Encounter Measured Heart Failure Counters Since Last Session End Date	DateTime
737792	MDC_IDC_STAT_CRT_LV_PERCENT_PACED		Encounter Measured Bradycardia Measurements Since Last Session Left Ventricle Percent Paced	Numeric
737808	MDC_IDC_STAT_CRT_PERCENT_PACED		Encounter Measured Heart Failure Counters Since Last Session CRT Percent Paced	Numeric
737824	MDC_IDC_STAT_TACHYTHERAPY_SHOCKS_DELIVERED_RECENT		Encounter Measured Tachycardia Therapy Counters Since Last Counter Reset Right Ventricle Shocks Delivered	Integer

IDCO			Paceart	
OBX 3-1	OBX 3-2	Supported Values (OBX 5)	Parameter Name	Parameter Type
737840	MDC_IDC_STAT_TACHYTHERAPY_SHOCKS_DELIVERED_ TOTAL		Encounter Measured Tachycardia Therapy Counters Lifetime Right Ventricle Shocks Delivered	Integer
737856	MDC_IDC_STAT_TACHYTHERAPY_SHOCKS_ABORTED_ RECENT		Encounter Measured Tachycardia Therapy Counters Since Last Counter Reset Right Ventricle Shocks Aborted	Integer
737872	MDC_IDC_STAT_TACHYTHERAPY_SHOCKS_ABORTED_TOTAL		Encounter Measured Tachycardia Therapy Counters Lifetime Right Ventricle Shocks Aborted	Integer
737888	MDC_IDC_STAT_TACHYTHERAPY_ATP_DELIVERED_RECENT		Encounter Measured Tachycardia Therapy Counters Since Last Counter Reset Right Ventricle ATP Delivered	Integer
737904	MDC_IDC_STAT_TACHYTHERAPY_ATP_DELIVERED_TOTAL		Encounter Measured Tachycardia Therapy Counters Lifetime Right Ventricle ATP Delivered	Integer
737921	MDC_IDC_STAT_TACHYTHERAPY_TOTAL_DTM_START		Encounter Measured Tachycardia Therapy Counters Lifetime Start Date	DateTime
737922	MDC_IDC_STAT_TACHYTHERAPY_TOTAL_DTM_END		Encounter Measured Tachycardia Therapy Counters Lifetime End Date	DateTime

IDCO			Paceart	
OBX 3-1	OBX 3-2	Supported Values (OBX 5)	Parameter Name	Parameter Type
737937	MDC_IDC_STAT_TACHYTHERAPY_RECENT_DTM_START		Encounter Measured Tachycardia Therapy Counters Since Last Counter Reset Start Date	DateTime
737938	MDC_IDC_STAT_TACHYTHERAPY_RECENT_DTM_END		Encounter Measured Tachycardia Therapy Counters Since Last Counter Reset End Date	DateTime
when 737984^MDC_IDC_STAT_EPISODE_VENDOR_TYPE^MDC has OBX-5 value of 773124^STJ-Epis_VT1^MDC				
738000	MDC_IDC_STAT_EPISODE_RECENT_COUNT		Encounter Measured Tachycardia Detection Counters Since Last Counter Reset VT1 Monitor Episode Count or Encounter Measured Tachycardia Detection Counters Since Last Counter Reset VT1 Episode Count	
when 737984^MDC_IDC_STAT_EPISODE_VENDOR_TYPE^MDC has OBX-5 value of 773125^STJ-Epis_VT2^MDC				
738000	MDC_IDC_STAT_EPISODE_RECENT_COUNT		Encounter Measured Tachycardia Detection Counters Since Last Counter Reset VT2 Monitor Episode Count or Encounter Measured Tachycardia Detection Counters Since Last Counter Reset VT2 Episode Count	
when 737952^MDC_IDC_STAT_EPISODE_TYPE^MDC has OBX-5 value of 754881^MDC_IDC_ENUM_EPISODE_TYPE_Epis_VF^MDC				
738000	MDC_IDC_STAT_EPISODE_RECENT_COUNT		Encounter Measured Tachycardia Detection Counters	

IDCO			Paceart	
OBX 3-1	OBX 3-2	Supported Values (OBX 5)	Parameter Name	Parameter Type
			Since Last Counter Reset VF VT Episode Count	
when 737952^MDC_IDC_STAT_EPISODE_TYPE^MDC has OBX-5 value of 754882^MDC_IDC_ENUM_EPISODE_TYPE_Epis_VT^MDC				
738000	MDC_IDC_STAT_EPISODE_RECENT_COUNT		Encounter Measured Tachycardia Detection Counters Since Last Counter Reset VT Episode Count	
when 737952^MDC_IDC_STAT_EPISODE_TYPE^MDC has OBX-5 value of 754883^MDC_IDC_ENUM_EPISODE_TYPE_Epis_ATAF^MDC				
738000	MDC_IDC_STAT_EPISODE_RECENT_COUNT		Encounter Measured Tachycardia Detection Counters Since Last Counter Reset AF AT Episode Count	
when 737952^MDC_IDC_STAT_EPISODE_TYPE^MDC has OBX-5 value of 754884^MDC_IDC_ENUM_EPISODE_TYPE_Epis_SVT^MDC				
738000	MDC_IDC_STAT_EPISODE_RECENT_COUNT		Encounter Measured Tachycardia Detection Counters Since Last Counter Reset SVT Episode Count	
when 737952^MDC_IDC_STAT_EPISODE_TYPE^MDC has OBX-5 value of 754885^MDC_IDC_ENUM_EPISODE_TYPE_Epis_Monitor^MDC				
738000	MDC_IDC_STAT_EPISODE_RECENT_COUNT		Encounter Measured Tachycardia Detection Counters Since Last Counter Reset VF VT Monitor Episode Count	
			Encounter Measured Tachycardia Detection Counters Since Last Counter Reset VT Monitor Episode Count	
			Encounter Measured Tachycardia	

IDCO			Paceart	
OBX 3-1	OBX 3-2	Supported Values (OBX 5)	Parameter Name	Parameter Type
			Detection Counters Since Last Counter Reset AF AT Monitor Episode Count	
when 737952^MDC_IDC_STAT_EPISODE_TYPE^MDC has OBX-5 value of 754886^MDC_IDC_ENUM_EPISODE_TYPE_Epis_PeriodicEGM^MDC				
738000	MDC_IDC_STAT_EPISODE_RECENT_COUNT		Encounter Measured Tachycardia Detection Counters Since Last Counter Reset Periodic Episode Count	
when 737952^MDC_IDC_STAT_EPISODE_TYPE^MDC has OBX-5 value of 754887^MDC_IDC_ENUM_EPISODE_TYPE_Epis_PatientActivated^MDC				
738000	MDC_IDC_STAT_EPISODE_RECENT_COUNT		Encounter Measured Tachycardia Detection Counters Since Last Counter Reset Patient Activated Episode Count	
when 737952^MDC_IDC_STAT_EPISODE_TYPE^MDC has OBX-5 value of 754888^MDC_IDC_ENUM_EPISODE_TYPE_Epis_Other^MDC				
738000	MDC_IDC_STAT_EPISODE_RECENT_COUNT		Encounter Measured Tachycardia Detection Counters Since Last Counter Reset Other Episode Count	
738016	MDC_IDC_STAT_EPISODE_RECENT_COUNT_DTM		Encounter Measured Tachycardia Detection Counters Since Last Counter Reset Start Date	DateTime
738017	MDC_IDC_STAT_EPISODE_RECENT_COUNT_DTM_START		Encounter Measured Tachycardia Detection Counters Since Last Counter Reset Start Date	DateTime
738018	MDC_IDC_STAT_EPISODE_RECENT_COUNT_DTM_END		Encounter Measured Tachycardia Detection Counters	DateTime

IDCO			Paceart	
OBX 3-1	**OBX 3-2**	**Supported Values (OBX 5)**	**Parameter Name**	**Parameter Type**
			Since Last Counter Reset End Date	
when 737984^MDC_IDC_STAT_EPISODE_VENDOR_TYPE^MDC has OBX-5 value of 773124^STJ-Epis_VT1^MDC				
738032	MDC_IDC_STAT_EPISODE_TOTAL_COUNT		Encounter Measured Tachycardia Detection Counters Lifetime VT1 Episode Count or Encounter Measured Tachycardia Detection Counters Lifetime VT1 Monitor Episode Count	
when 737984^MDC_IDC_STAT_EPISODE_VENDOR_TYPE^MDC has OBX-5 value of 773125^STJ-Epis_VT2^MDC				
738032	MDC_IDC_STAT_EPISODE_TOTAL_COUNT		Encounter Measured Tachycardia Detection Counters Lifetime VT2 Episode Count or Encounter Measured Tachycardia Detection Counters Lifetime VT2 Monitor Episode Count	
when 737952^MDC_IDC_STAT_EPISODE_TYPE^MDC has OBX-5 value of 754881^MDC_IDC_ENUM_EPISODE_TYPE_Epis_VF^MDC				
738032	MDC_IDC_STAT_EPISODE_TOTAL_COUNT		Encounter Measured Tachycardia Detection Counters Lifetime VF VT Episode Count	
when 737952^MDC_IDC_STAT_EPISODE_TYPE^MDC has OBX-5 value of 754882^MDC_IDC_ENUM_EPISODE_TYPE_Epis_VT^MDC				
738032	MDC_IDC_STAT_EPISODE_TOTAL_COUNT		Encounter Measured Tachycardia Detection Counters Lifetime VT Episode Count	
when 737952^MDC_IDC_STAT_EPISODE_TYPE^MDC has OBX-5 value of 754883^MDC_IDC_ENUM_EPISODE_TYPE_Epis_ATAF^MDC				

IDCO			Paceart	
OBX 3-1	OBX 3-2	Supported Values (OBX 5)	Parameter Name	Parameter Type
738032	MDC_IDC_STAT_EPISODE_TOTAL_COUNT		Encounter Measured Tachycardia Detection Counters Lifetime AF AT Episode Count	
when 737952^MDC_IDC_STAT_EPISODE_TYPE^MDC has OBX-5 value of 754884^MDC_IDC_ENUM_EPISODE_TYPE_Epis_SVT^MDC				
738032	MDC_IDC_STAT_EPISODE_TOTAL_COUNT		Encounter Measured Tachycardia Detection Counters Lifetime SVT Episode Count	
when 737952^MDC_IDC_STAT_EPISODE_TYPE^MDC has OBX-5 value of 754885^MDC_IDC_ENUM_EPISODE_TYPE_Epis_Monitor^MDC				
738032	MDC_IDC_STAT_EPISODE_TOTAL_COUNT		Encounter Measured Tachycardia Detection Counters Lifetime VF VT Monitor Episode Count, Encounter Measured Tachycardia Detection Counters Lifetime VT Monitor Episode Count, Encounter Measured Tachycardia Detection Counters Lifetime AF AT Monitor Episode Count	
when 737952^MDC_IDC_STAT_EPISODE_TYPE^MDC has OBX-5 value of 754886^MDC_IDC_ENUM_EPISODE_TYPE_Epis_PeriodicEGM^MDC				
738032	MDC_IDC_STAT_EPISODE_TOTAL_COUNT		Encounter Measured Tachycardia Detection Counters Lifetime Periodic Episode Count	
when 737952^MDC_IDC_STAT_EPISODE_TYPE^MDC has OBX-5 value of 754887^MDC_IDC_ENUM_EPISODE_TYPE_Epis_PatientActivated^MDC				
738032	MDC_IDC_STAT_EPISODE_TOTAL_COUNT		Encounter Measured Tachycardia Detection Counters Lifetime Patient	

IDCO			Paceart	
OBX 3-1	OBX 3-2	Supported Values (OBX 5)	Parameter Name	Parameter Type
			Activated Episode Count	
when 737952^MDC_IDC_STAT_EPISODE_TYPE^MDC has OBX-5 value of 754888^MDC_IDC_ENUM_EPISODE_TYPE_Epis_Other^MDC				
738032	MDC_IDC_STAT_EPISODE_TOTAL_COUNT		Encounter Measured Tachycardia Detection Counters Lifetime Other Episode Count	
738048	MDC_IDC_STAT_EPISODE_TOTAL_COUNT_DTM		Encounter Measured Tachycardia Detection Counters Lifetime Start Date	DateTime
738049	MDC_IDC_STAT_EPISODE_TOTAL_COUNT_DTM_START		Encounter Measured Tachycardia Detection Counters Lifetime Start Date	DateTime
738050	MDC_IDC_STAT_EPISODE_TOTAL_COUNT_DTM_END		Encounter Measured Tachycardia Detection Counters Lifetime End Date	DateTime

Table : MDC_IDC_EPISODE

IDCO			Paceart	
OBX 3-1	OBX 3-2	Supported Values (OBX 5)	Parameter Name	Parameter Type
739536	MDC_IDC_EPISODE_ID		Encounter Episodes Episode Id	Integer
739552	MDC_IDC_EPISODE_DTM		Encounter Episodes Episode Start	DateTime
739568	MDC_IDC_EPISODE_TYPE	754881^MDC_IDC_ENUM_EPISODE_TYPE_Epis_VF^MDC	Encounter Episodes Episode Type	ENUM
		754882^MDC_IDC_ENUM_EPISODE_TYPE_Epis_VT^MDC		
		754883^MDC_IDC_ENUM_EPISODE_TYPE_Epis_ ATAF^MDC		
		754884^MDC_IDC_ENUM_EPISODE_TYPE_Epis_SVT^MDC		
		754886^MDC_IDC_ENUM_EPISODE_TYPE_Epis_ PeriodicEGM^MDC		
		754887^MDC_IDC_ENUM_EPISODE_TYPE_Epis_ PatientActivated^MDC		

IDCO			Paceart	
OBX 3-1	OBX 3-2	Supported Values (OBX 5)	Parameter Name	Parameter Type
		754888^MDC_IDC_ENUM_EPISODE_TYPE_Epis_ Other^MDC		
739600	MDC_IDC_EPISODE_VENDOR_TYPE	771074^MDC_IDC_ENUM_EPISODE_VENDOR_TYPE_ BSX-Epis_VT^MDC	Encounter Episodes Episode Type	ENUM
		771075^MDC_IDC_ENUM_EPISODE_VENDOR_TYPE_ BSX-Epis_VT-1^MDC		
		771077^MDC_IDC_ENUM_EPISODE_VENDOR_TYPE_ BSX-Epis_NSVT^MDC		
		773123^MDC_IDC_ENUM_EPISODE_VENDOR_TYPE_ STJ-Epis_SVT^MDC		
		773124^MDC_IDC_ENUM_EPISODE_VENDOR_TYPE_ STJ-Epis_VT1^MDC		
		773125^MDC_IDC_ENUM_EPISODE_VENDOR_TYPE_ STJ-Epis_VT2^MDC		
		773127^MDC_IDC_ENUM_EPISODE_VENDOR_TYPE_ STJ-Epis_AMS^MDC		
		773146^MDC_IDC_ENUM_EPISODE_VENDOR_TYPE_ STJ-Epis_Non-sustained^MDC		
739696	MDC_IDC_EPISODE_THERAPY_RESULT	755137^MDC_IDC_ENUM_EPISODE_THERAPY_RESULT_ Successful^MDC	Encounter Episodes Episode Result	ENUM
		755138^MDC_IDC_ENUM_EPISODE_THERAPY_RESULT_ Unsuccessful^MDC		
		755139^MDC_IDC_ENUM_EPISODE_THERAPY_RESULT_ Unknown^MDC		
739712	MDC_IDC_EPISODE_DURATION		Encounter Episodes Episode Duration	Numeric

Embedded PDF

HL7						Paceart	
OBX 2	OBX 3-1	OBX 3-3	OBX 3-4	OBX 3-5	Supported Values (OBX 5-5)	Parameter Name	Parameter Type
ED	18750-0	LN	Attachment File Name	Attachment Description	Base-64 Encoded	Attachment File	Binary 50 MB

Referenced PDF

HL7				Paceart	
OBX 2	OBX 3-1	OBX 3-3	Supported Values OBX 5	Parameter Name	Parameter Type
RP	18750-0	LN		Attachment File Name	String 260

Outbound Messages

The Paceart System and CareLink integrate with the HL7 protocol for outgoing messages from the Paceart System and CareLink to an external system by mapping a parameter and a parameter type to HL7 values. This section describes outbound message mapping.

Outbound MSH Message Segments

The HL7 MSH (Message Header) segment is present in every HL7 message type and defines the message's source, purpose, destination, and certain syntax specifics like delimiters (separator characters) and character sets.

Source of Data or Literal Value	Field	Component
		MSH-1	N/A
^~\&	MSH-2	N/A
Paceart	MSH-3	1
Medtronic	MSH-4	1
Local date and time in the format YYYMMDDhhmmss	MSH-7	N/A
ORU	MSH-9	1
R01	MSH-9	2
ORU_R01	MSH-9	3
Message ID in the format YYYYMMDDhhmmss######	MSH-10	N/A
P	MSH-11	1
2.6	MSH-12	1
AL	MSH-15	N/A
NE	MSH-16	N/A
IHE_PCD_ORU_R01	MSH-21	1
IHE PCD	MSH-21	2
1.3.6.1.4.1.19376.1.6.1.9.1	MSH-21	3
ISO	MSH-21	4

Outbound PID Message Segments

The PID (Patient Identification) segment provides important identification information about the patient and is used as the primary means of communicating the identifying and demographic information about a patient between systems.

Parameter	Parameter Type	Field	Component	Occurrence
Patient ID Value	String 50	PID-3	1	2..21
Patient Last Name	String 50	PID-5	1	1
Patient First Name	String 50	PID-5	2	1
Patient Middle Initial	String 1	PID-5	3	1
Patient Birth Date	DateTime	PID-7	N/A	1
Patient Gender	ENUM	PID-8	N/A	1
Patient Address Line 1	String 50	PID-11	1	1
Patient Address Line 2	String 50	PID-11	2	1
Patient Address City	String 50	PID-11	3	1
Patient Address State	String 10	PID-11	4	1
Patient Address Postal Code	String 10	PID-11	5	1
Patient Address Country	String 50	PID-11	6	1
Patient Phone Number	String 20	PID-13	1	1
Patient Email Address	String 100	PID-13	4	1
Patient Phone Number 2	String 20	PID-14	1	1
Patient Marital Status	ENUM	PID-16	1	1
Patient Date of Death	DateTime	PID-29	1	1
Death Indicator	Boolean	PID-30	1	1

Outbound PV1 Message Segments

The PV1 (Patient Visit) segment is used by registration applications to communicate information on a visit-specific basis.

Parameter	Parameter Type	Field	Component	Sub-Component	Occurrence
Patient Status	String 1	PV1-2	1	N/A	N/A
Patient Location of Care	String	PV1-3	1	N/A	N/A
Encounter Visit ID	String 50	PV1-19	1	N/A	N/A

Outbound PV2 Message Segments

The PV2 (Patient Visit) segment is a continuation of visit-specific information contained in the PV1 segment.

Parameter	Parameter Type	Field	Component	Sub-Component	Occurrence
Patient Code Value (Paceart)	String 6	PV2-7	1	N/A	m
Custom Patient Field(s) (CareLink)					

Outbound NTE Message Segments

The NTE segment is an optional segment that appears after the PID and is used to provide notes and comments.

Parameter	Parameter Type	NTE-3
Patient Record Comment	String 65000	/PaceartXML/PatientRecord/Comment

Outbound OBR Message Segments

The OBR (Observation Request) segment transmits information about an exam, diagnostic study/observation, or assessment that is specific to an order or result.

Parameter	Parameter Type	Field	Component	Sub-Component	Occurrence
Encounter Key	String 32	OBR-3	1	N/A	N/A
Encounter Type	ENUM	OBR-4	1	N/A	N/A
Encounter Type	String 20	OBR-4	4	N/A	N/A
Encounter Type	String 20	OBR-4	5	N/A	N/A
Encounter Type	String 20	OBR-4	6	N/A	N/A
Encounter Date and Time	DateTime	OBR-7	1	N/A	N/A
Encounter Signature Date and Time	DateTime	OBR-8	1	N/A	N/A
REFERRING1 Provider Code	String 6	OBR-16	1	N/A	N/A
REFERRING1 Provider Last Name	String 50	OBR-16	2	N/A	N/A
REFERRING1 Provider First Name	String 50	OBR-16	3	N/A	N/A
REFERRING1 Provider Middle Initial	String 1	OBR-16	4	N/A	N/A
REFERRING1 Provider Credentials	String 20	OBR-16	5	N/A	N/A

Parameter	Parameter Type	Field	Component	Sub-Component	Occurrence
Encounter Lock[1]	String 1	OBR-25	1	N/A	N/A
Encounter Parent Key	String 32	OBR-26	1	N/A	N/A
REFERRING2 Provider Code	String 6	OBR-28	1	N/A	1
REFERRING2 Provider Last Name	String 50	OBR-28	2	N/A	1
REFERRING2 Provider First Name	String 50	OBR-28	3	N/A	1
REFERRING2 Provider Middle Initial	String 1	OBR-28	4	N/A	1
REFERRING2 Provider Credentials	String 20	OBR-28	5	N/A	1
REFERRING3 Provider Code	String 6	OBR-28	1	N/A	2
REFERRING3 Provider Last Name	String 50	OBR-28	2	N/A	2
REFERRING3 Provider First Name	String 50	OBR-28	3	N/A	2
REFERRING3 Provider Middle Initial	String 1	OBR-28	4	N/A	2
REFERRING3 Provider Credentials	String 20	OBR-28	5	N/A	2
FOLLOWING Provider Code	String 6	OBR-28	1	N/A	3
FOLLOWING Provider Last Name	String 50	OBR-28	2	N/A	3
FOLLOWING Provider First Name	String 50	OBR-28	3	N/A	3
FOLLOWING Provider Middle Initial	String 1	OBR-28	4	N/A	3
FOLLOWING Provider Credentials	String 20	OBR-28	5	N/A	3
Provider Code/Signer ID	String 6	OBR-32	1	1	N/A
Provider Last Name/Signer Name	String 50	OBR-32	1	2	N/A
Provider First Name	String 50	OBR-32	1	3	N/A
Provider Middle Initial	String 1	OBR-32	1	4	N/A

[1] In the Paceart System, if Encounter Lock is false, then the value is "P" for preliminary. If Encounter Lock is true, then the value is "F" for final. In CareLink, when an encounter is first sent to the EHR the Encounter Lock value is "F" for final. If subsequent values are sent then the Encounter Lock value is "A" for amended.

Parameter	Parameter Type	Field	Component	Sub-Component	Occurrence
Provider Credentials	String 20	OBR-32	1	5	N/A

OBR:4 Coded Elements

The OBR:4 segment maps the following values to the IDCO Profile values. The items below identify the referenced Universal Service Identifiers.

CareLink integrations will only export the "REMOTE" value.

Value	OBR:4.1	OBR:4.2
INCLINIC	754050	MDC_IDC_ENUM_SESS_TYPE_InClinic
PROGRAMMING	754055	MDC_IDC_ENUM_SESS_TYPE_Other
REMOTE	754051	MDC_IDC_ENUM_SESS_TYPE_Remote
TTM	754055	MDC_IDC_ENUM_SESS_TYPE_Other
IMPLANT	754049	MDC_IDC_ENUM_SESS_TYPE_Implant
PHONENOTE	754055	MDC_IDC_ENUM_SESS_TYPE_Other
MISC	754055	MDC_IDC_ENUM_SESS_TYPE_ Other

Outbound NTE Message Segments

The NTE segment is an optional segment following the OBR and is used to provide notes and comments.

Parameter	Parameter Type	NTE-3
Encounter Comment	String 65000	/PaceartXML/PatientRecord/Encounters/Encounter[1]/Comment

Outbound OBX Messages

The OBX segment is primarily used to carry key clinical observation and result reporting information within report messages.

Nonconforming and discriminator OBX values

Each OBX message segment has a value to specify nonconforming values. An OBX-8 value of "NC-PA" means that the data was nonconforming in the Paceart System or CareLink. An OBX-8 value of "NC-IDCO" means that the data does not conform to the IDCO profile definition for the data.

The OBX-8 value is also used to specify a discriminator value for numerical data. For example, a numerical message segment allows the less-than (<) and greater-than (>) symbols, but not the less-than or equal to (<=) and greater-than or equal to (>=) symbols. The following segment is for valid values of the number:

Parameter	Parameter type	OBX-2	OBX-3	OBX-6	OBX-8
Encounter Programmed Bradycardia Automatic	Numeric	NM	731456^MDC_IDC_ SET_BRADY_AT_ MODE_SWITCH_ RATE^MDC	{beats}/min^ heartbeats per minute^MDC	>, <

Parameter	Parameter type	OBX-2	OBX-3	OBX-6	OBX-8
Mode Switch Therapy Pacing Rate					

While the following segment is for nonconforming values of the number:

Parameter	Parameter type	OBX-2	OBX-3	OBX-6	OBX-8
Encounter Programmed Bradycardia Automatic Mode Switch Therapy Pacing Rate	Numeric	NM	731456^MDC_IDC_ SET_BRADY_AT_ MODE_SWITCH_ RATE^MDC	{beats}/min^ heartbeats per minute^MDC	>=^NC-IDCO, <=^NC-IDCO

Enumerations

For OBX message segments that have a Parameter Type of ENUM, there are multiple OBX-5 values for each possible value of the enumeration. These values are not listed in the OBX message segment tables.

Outbound OBX Encounter Message Segments

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Summary Indicator	Boolean	CWE	1001351^MDT_ENCOUNTER_SUMMARY_FLAG^MDT	

Medtronic defined enumeration values

Encounter Summary Indicator

You can map a Medtronic defined OBX-5 value for the following segment:

Parameter	Parameter type	OBX-2	OBX-3
Encounter Summary Indicator	Boolean	CWE	1001351^MDT_ENCOUNTER_SUMMARY_FLAG^MDT

The OBX-5 value can be the following Medtronic defined value:

OBX-5-1	OBX-5-2	OBX-5-3
200300	MDT_ENCOUNTER_SUMMARY_YES	MDT

Outbound OBX Session Message Segments

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Session Timestamp	DateTime	DTM	721025^MDC_IDC_SESS_DTM^MDC	
Encounter Type	ENUM	CWE	721026^MDC_IDC_SESS_TYPE^MDC	
Encounter Session Reprogrammed	ENUM	CWE	721027^MDC_IDC_SESS_ REPROGRAMMED^MDC	
Encounter Session Device Type	ENUM	CWE	720897^MDC_IDC_DEV_TYPE^MDC	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Session Device Manufacturer	ENUM	CWE	720900^MDC_IDC_DEV_MFG^MDC	
Encounter Session Device Model	String 50	ST	720898^MDC_IDC_DEV_MODEL^MDC	
Encounter Session Device Serial Number	String 50	ST	720899^MDC_IDC_DEV_SERIAL^MDC	
Encounter Session Active Device Implant Date	DateTime	DTM	720901^MDC_IDC_DEV_IMPLANT_DT^MDC	

Outbound OBX Leads Message Segments

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Lead Manufacturer	ENUM	ST	720963^MDC_IDC_LEAD_MFG^MDC	
Lead Model	String 50	ST	720961^MDC_IDC_LEAD_MODEL^MDC	
Lead Serial Number	String 20	ST	720962^MDC_IDC_LEAD_SERIAL^MDC	
Lead Implant Date	DateTime	DTM	720964^MDC_IDC_LEAD_IMPLANT_DT^MDC	
Lead Chamber	ENUM	CWE	720966^MDC_IDC_LEAD_LOCATION^MDC	
Lead Explanted Date	DateTime	DTM	1001044^MDT_LEAD_EXPLANTEDATE^MDT	
Lead Abandoned Date	DateTime	DTM	1001045^MDT_LEAD_ABANDONEDATE^MDT	
Lead Partially Explanted Date	DateTime	DTM	1001046^MDT_LEAD_PARTIALEXPLANTDATE^MDT	

Outbound OBX Programming Bradycardia Message Segments

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Programmed Bradycardia Pacing Mode	ENUM	CWE	730752^MDC_IDC_SET_BRADY_MODE^MDC	
Encounter Programmed Bradycardia Lower Rate	Numeric	NM	730880^MDC_IDC_SET_BRADY_LOWRATE^MDC	{beats}/min^heartbeats per minute^UCUM
Encounter Programmed Bradycardia Maximum Tracking Rate	Numeric	NM	731136^MDC_IDC_SET_BRADY_MAX_TRACKING_RATE^MDC	{beats}/min^heartbeats per minute^UCUM
Encounter Programmed Bradycardia Maximum Sensor Rate	Numeric	NM	731200^MDC_IDC_SET_BRADY_MAX_SENSOR_RATE^MDC	{beats}/min^heartbeats per minute^UCUM
Encounter Programmed Bradycardia Hysteresis Rate	Numeric	NM	730944^MDC_IDC_SET_BRADY_HYSTRATE^MDC	{beats}/min^heartbeats per minute^UCUM
Encounter Programmed Bradycardia Sleep Rate	Numeric	NM	731008^MDC_IDC_SET_BRADY_NIGHT_RATE^MDC	{beats}/min^heartbeats per minute^UCUM
Encounter Programmed Bradycardia Pacemaker Mediated	String 50	ST	100001^MDT_PROG_BRADY_PMT_INTERVENTION^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Tachycardia Intervention				
Encounter Programmed Bradycardia Premature Ventricular Contraction Intervention	String 50	ST	100002^MDT_PROG_BRADY_PVC_RESPONSE^MDT	
Encounter Programmed Bradycardia Rate Modulation Threshold	String 50	ST	100003^MDT_PROG_BRADY_RATEMODULATION_ THRESHOLD^MDT	
Encounter Programmed Bradycardia Rate Modulation Slope	String 50	ST	100004^MDT_PROG_BRADY_RATEMODULATION_SLOPE^MDT	
Encounter Programmed Bradycardia Rate Modulation Slope Exertion	String 50	ST	100005^MDT_PROG_BRADY_RATEMODULATION_SLOPE_ EXERTION^MDT	
Encounter Programmed Bradycardia Rate Modulation Acceleration Reaction	Numeric	NM	100006^MDT_PROG_BRADY_RATEMODULATION_ ACCELERATIONREACTION^MDT	s^seconds^UCUM
Encounter Programmed Bradycardia Rate Modulation Deceleration Recovery	Numeric	NM	100007^MDT_PROG_BRADY_RATEMODULATION_ DECELERATIONRECOVERY^MDT	m^minutes^UCUM
Encounter Programmed Bradycardia Rate Modulation Activities of Daily Living Rate	Numeric	NM	100008^MDT_PROG_BRADY_RATEMODULATION_ ADLRATE^MDT	{beats}/min^heartbeats per minute^UCUM
Encounter Programmed Bradycardia AV Delay Sensed Minimum	Numeric	NM	731265^MDC_IDC_SET_BRADY_SAV_DELAY_HIGH^MDC	ms^milliseconds^UCUM
Encounter Programmed Bradycardia AV Delay Paced Minimum	Numeric	NM	731329^MDC_IDC_SET_BRADY_PAV_DELAY_HIGH^MDC	ms^milliseconds^UCUM
Encounter Programmed Bradycardia AV Delay Adaptive Status	ENUM	ST	100009^MDT_PROG_BRADY_AVDELAY_ADAPTIVE_ STATUS^MDT	
Encounter Programmed Bradycardia AV Delay Paced	Numeric	NM	731330^MDC_IDC_SET_BRADY_PAV_DELAY_LOW^MDC	ms^milliseconds^UCUM
Encounter Programmed Bradycardia AV Delay Sensed	Numeric	NM	731266^MDC_IDC_SET_BRADY_SAV_DELAY_LOW^MDC	ms^milliseconds^UCUM
Encounter Programmed	Numeric	NM	100012^MDT_PROG_BRADY_AVDELAY_ADAPTIVE_ STARTRATE^MDT	{beats}/min^heartbeats per minute^UCUM

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Bradycardia AV Delay Adaptive Start Rate				
Encounter Programmed Bradycardia AV Delay Adaptive Stop Rate	Numeric	NM	100013^MDT_PROG_BRADY_AVDELAY_ADAPTIVE_ STOPRATE^MDT	{beats}/min^heartbeats per minute^UCUM
Encounter Programmed Bradycardia AV Delay Adaptive Curve Description	String 50	ST	100010^MDT_PROG_BRADY_AVDELAY_ CURVEDESCRIPTION^MDT	
Encounter Programmed Bradycardia Automatic Mode Switch Status	ENUM	ST	100011^MDT_PROG_BRADY_AUTOMATICMODESWITCH_ STATUS^MDT	
Encounter Programmed Bradycardia Automatic Mode Switch Detection Criteria Rate	Numeric	NM	731456^MDT_IDC_SET_BRADY_AT_MODE_SWITCH^MDC	{beats}/min^heartbeats per minute^UCUM
Encounter Programmed Bradycardia Automatic Mode Switch Detection Duration Fixed	Numeric	NM	100015^MDT_PROG_BRADY_AUTOMATICMODESWITCH_ DETECTION_CRITERIA_DURATION_FIXED^MDT	s^seconds^UCUM
Encounter Programmed Bradycardia Automatic Mode Switch Detection Duration Beat Ratio Numerator	Numeric	NM	100016^MDT_PROG_BRADY_AUTOMATICMODESWITCH_ DETECTION_CRITERIA_DURATION_BEATRATIO_ NUMERATOR^MDT	{beats}^heartbeats^UCUM
Encounter Programmed Bradycardia Automatic Mode Switch Detection Duration Beat Ratio Denominator	Numeric	NM	100017^MDT_PROG_BRADY_AUTOMATICMODESWITCH_ DETECTION_CRITERIA_DURATION_BEATRATIO_ DENOMINATOR^MDT	{beats}^heartbeats^UCUM
Encounter Programmed Bradycardia Automatic Mode Switch Detection Duration Beat Count	Numeric	NM	100018^MDT_PROG_BRADY_AUTOMATICMODESWITCH_ DETECTION_CRITERIA_DURATION_BEATCOUNT^MDT	{beats}^heartbeats^UCUM
Encounter Programmed Bradycardia Automatic Mode Switch Therapy Pacing Rate	Numeric	NM	100019^MDT_PROG_BRADY_AUTOMATICMODE SWITCH_THERAPY_RATE^MDT	{beats}/min^heartbeats per minute^UCUM
Encounter Programmed Bradycardia Automatic Mode Switch Therapy Pacing Mode	ENUM	CWE	731392^MDC_IDC_SET_BRADY_AT_MODE_SWITCH_ MODE^MDC	
Encounter Programmed Bradycardia Left Ventricle Sensing Polarity	ENUM	CWE	729603^MDC_IDC_SET_LEADCHNL_LV_SENSING_ POLARITY^MDC	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Programmed Bradycardia Left Ventricle Sensing Pathway Summary	String	ST	1001334^MDT_PROG_BRADY_POLARITYCONFIGURATION_LV_ SENSING_PATHWAY_SUMMARY^MDT	
Encounter Programmed Bradycardia Left Ventricle Sensing Pathway Location	ENUM	CWE	729677^MDC_IDC_SET_LEADCHNL_LV_SENSING_ANODE_ LOCATION_1^MDC	
Encounter Programmed Bradycardia Left Ventricle Sensing Pathway Electrode	ENUM	CWE	729741^MDC_IDC_SET_LEADCHNL_LV_SENSING_ANODE_ ELECTRODE_1^MDC	
Encounter Programmed Bradycardia Left Ventricle Sensing Pathway Location	ENUM	CWE	729678^MDC_IDC_SET_LEADCHNL_LV_SENSING_ANODE_ LOCATION_2^MDC	
Encounter Programmed Bradycardia Left Ventricle Sensing Pathway Electrode	ENUM	CWE	729742^MDC_IDC_SET_LEADCHNL_LV_SENSING_ANODE_ ELECTRODE_2^MDC	
Encounter Programmed Bradycardia Left Ventricle Sensing Pathway Location	ENUM	CWE	729679^MDC_IDC_SET_LEADCHNL_LV_SENSING_ANODE_ LOCATION_3^MDC	
Encounter Programmed Bradycardia Left Ventricle Sensing Pathway Electrode	ENUM	CWE	729743^MDC_IDC_SET_LEADCHNL_LV_SENSING_ANODE_ ELECTRODE_3^MDC	
Encounter Programmed Bradycardia Left Ventricle Sensing Pathway Location	ENUM	CWE	729805^MDC_IDC_SET_LEADCHNL_LV_SENSING_CATHODE_ LOCATION_1^MDC	
Encounter Programmed Bradycardia Left Ventricle Sensing Pathway Electrode	ENUM	CWE	729869^MDC_IDC_SET_LEADCHNL_LV_SENSING_CATHODE_ ELECTRODE_1^MDC	
Encounter Programmed Bradycardia Left Ventricle Sensing Pathway Location	ENUM	CWE	729806^MDC_IDC_SET_LEADCHNL_LV_SENSING_CATHODE_ LOCATION_2^MDC	
Encounter Programmed Bradycardia Left Ventricle Sensing Pathway Electrode	ENUM	CWE	729870^MDC_IDC_SET_LEADCHNL_LV_SENSING_CATHODE_ ELECTRODE_2^MDC	
Encounter Programmed Bradycardia Left Ventricle Sensing Pathway Location	ENUM	CWE	729807^MDC_IDC_SET_LEADCHNL_LV_SENSING_CATHODE_ LOCATION_3^MDC	
Encounter Programmed Bradycardia Left Ventricle Sensing Pathway Electrode	ENUM	CWE	729871^MDC_IDC_SET_LEADCHNL_LV_SENSING_CATHODE_ ELECTRODE_3^MDC	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Programmed Bradycardia Left Ventricle Sensing Blanking Previous Event Chamber	ENUM	ST	101043^MDT_PROG_BRADY_REFRACTORYPERIOD_ PREVIOUSEVENTCHAMBER_LV^MDT	
Encounter Programmed Bradycardia Left Ventricle Sensing Refractory Period Interval	Numeric	NM	101044^MDT_PROG_BRADY_REFRACTORYPERIOD_ INTERVAL_LV^MDT	ms^milliseconds^UCUM
Encounter Programmed Bradycardia Left Ventricle Sensing Blanking Previous Event Chamber	ENUM	ST	101051^MDT_PROG_BRADY_BLANKINGPERIOD_ PREVIOUSEVENTCHAMBER_LV^MDT	
Encounter Programmed Bradycardia Left Ventricle Sensing Blanking Previous Event Type	ENUM	ST	101052^MDT_PROG_BRADY_BLANKINGPERIOD_EVENTTYPE_ LV^MDT	
Encounter Programmed Bradycardia Left Ventricle Sensing Blanking Interval	Numeric	NM	101053^MDT_PROG_BRADY_BLANKINGPERIOD_INTERVAL_ LV^MDT	ms^milliseconds^UCUM
Encounter Programmed Bradycardia Left Ventricle Sensing Amplitude	Numeric	NM	729539^MDC_IDC_SET_LEADCHNL_LV_SENSING_ SENSITIVITY^MDC	mV^millivolts^UCUM
Encounter Programmed Bradycardia Left Ventricle Sensing Amplitude Adaptation Mode	ENUM	CWE	729923^MDC_IDC_SET_LEADCHNL_LV_SENSING_ ADAPTATION_MODE^MDC	
Encounter Programmed Bradycardia Right Atrium Sensing Polarity	ENUM	CWE	729600^MDC_IDC_SET_LEADCHNL_RA_SENSING_ POLARITY^MDC	
Encounter Programmed Bradycardia Right Atrium Sensing Pathway Summary	String	ST	1001335^MDT_PROG_BRADY_POLARITYCONFIGURATION_ RA_SENSING_PATHWAY_SUMMARY^MDT	
Encounter Programmed Bradycardia Right Atrium Sensing Pathway Location	ENUM	CWE	729665^MDC_IDC_SET_LEADCHNL_RA_SENSING_ANODE_ LOCATION_1^MDC	
Encounter Programmed Bradycardia Right Atrium Sensing Pathway Electrode	ENUM	CWE	729729^MDC_IDC_SET_LEADCHNL_RA_SENSING_ANODE_ ELECTRODE_1^MDC	
Encounter Programmed Bradycardia Right Atrium Sensing Pathway Location	ENUM	CWE	729666^MDC_IDC_SET_LEADCHNL_RA_SENSING_ANODE_ LOCATION_2^MDC	
Encounter Programmed	ENUM	CWE	729730^MDC_IDC_SET_LEADCHNL_RA_SENSING_ANODE_ ELECTRODE_2^MDC	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Bradycardia Right Atrium Sensing Pathway Electrode				
Encounter Programmed Bradycardia Right Atrium Sensing Pathway Location	ENUM	CWE	729667^MDC_IDC_SET_LEADCHNL_RA_SENSING_ANODE_LOCATION_3^MDC	
Encounter Programmed Bradycardia Right Atrium Sensing Pathway Electrode	ENUM	CWE	729731^MDC_IDC_SET_LEADCHNL_RA_SENSING_ANODE_ELECTRODE_3^MDC	
Encounter Programmed Bradycardia Right Atrium Sensing Pathway Location	ENUM	CWE	729793^MDC_IDC_SET_LEADCHNL_RA_SENSING_CATHODE_LOCATION_1^MDC	
Encounter Programmed Bradycardia Right Atrium Sensing Pathway Electrode	ENUM	CWE	729857^MDC_IDC_SET_LEADCHNL_RA_SENSING_CATHODE_ELECTRODE_1^MDC	
Encounter Programmed Bradycardia Right Atrium Sensing Pathway Location	ENUM	CWE	729794^MDC_IDC_SET_LEADCHNL_RA_SENSING_CATHODE_LOCATION_2^MDC	
Encounter Programmed Bradycardia Right Atrium Sensing Pathway Electrode	ENUM	CWE	729858^MDC_IDC_SET_LEADCHNL_RA_SENSING_CATHODE_ELECTRODE_2^MDC	
Encounter Programmed Bradycardia Right Atrium Sensing Pathway Location	ENUM	CWE	729795^MDC_IDC_SET_LEADCHNL_RA_SENSING_CATHODE_LOCATION_3^MDC	
Encounter Programmed Bradycardia Right Atrium Sensing Pathway Electrode	ENUM	CWE	729859^MDC_IDC_SET_LEADCHNL_RA_SENSING_CATHODE_ELECTRODE_3^MDC	
Encounter Programmed Bradycardia Right Atrium Sensing Blanking Previous Event Chamber	ENUM	ST	101045^MDT_PROG_BRADY_REFRACTORYPERIOD_PREVIOUSEVENTCHAMBER_RA^MDT	
Encounter Programmed Bradycardia Right Atrium Sensing Refractory Period Interval	Numeric	NM	101046^MDT_PROG_BRADY_REFRACTORYPERIOD_INTERVAL_RA^MDT	ms^milliseconds^UCUM
Encounter Programmed Bradycardia Right Atrium Sensing Blanking Previous Event Chamber	ENUM	ST	101054^MDT_PROG_BRADY_BLANKINGPERIOD_PREVIOUSEVENTCHAMBER_RA^MDT	
Encounter Programmed Bradycardia Right Atrium Sensing Blanking Previous Event Type	ENUM	ST	101055^MDT_PROG_BRADY_BLANKINGPERIOD_EVENTTYPE_RA^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Programmed Bradycardia Right Atrium Sensing Blanking Interval	Numeric	NM	101056^MDT_PROG_BRADY_BLANKINGPERIOD_INTERVAL_RA^MDT	ms^milliseconds^UCUM
Encounter Programmed Bradycardia Right Atrium Sensing Amplitude	Numeric	NM	729536^MDC_IDC_SET_LEADCHNL_RA_SENSING_SENSITIVITY^MDC	mV^millivolts^UCUM
Encounter Programmed Bradycardia Right Atrium Sensing Amplitude Adaptation Mode	ENUM	CWE	729920^MDC_IDC_SET_LEADCHNL_RA_SENSING_ADAPTATION_MODE^MDC	
Encounter Programmed Bradycardia Right Ventricle Sensing Polarity	ENUM	CWE	729601^MDC_IDC_SET_LEADCHNL_RV_SENSING_POLARITY^MDC	
Encounter Programmed Bradycardia Right Ventricle Sensing Pathway Summary	String	ST	1001336^MDT_PROG_BRADY_POLARITYCONFIGURATION_RV_SENSING_PATHWAY_SUMMARY^MDT	
Encounter Programmed Bradycardia Right Ventricle Sensing Pathway Location	ENUM	CWE	729669^MDC_IDC_SET_LEADCHNL_RV_SENSING_ANODE_LOCATION_1^MDC	
Encounter Programmed Bradycardia Right Ventricle Sensing Pathway Electrode	ENUM	CWE	729733^MDC_IDC_SET_LEADCHNL_RV_SENSING_ANODE_ELECTRODE_1^MDC	
Encounter Programmed Bradycardia Right Ventricle Sensing Pathway Location	ENUM	CWE	729670^MDC_IDC_SET_LEADCHNL_RV_SENSING_ANODE_LOCATION_2^MDC	
Encounter Programmed Bradycardia Right Ventricle Sensing Pathway Electrode	ENUM	CWE	729734^MDC_IDC_SET_LEADCHNL_RV_SENSING_ANODE_ELECTRODE_2^MDC	
Encounter Programmed Bradycardia Right Ventricle Sensing Pathway Location	ENUM	CWE	729671^MDC_IDC_SET_LEADCHNL_RV_SENSING_ANODE_LOCATION_3^MDC	
Encounter Programmed Bradycardia Right Ventricle Sensing Pathway Electrode	ENUM	CWE	729735^MDC_IDC_SET_LEADCHNL_RV_SENSING_ANODE_ELECTRODE_3^MDC	
Encounter Programmed Bradycardia Right Ventricle Sensing Pathway Location	ENUM	CWE	729797^MDC_IDC_SET_LEADCHNL_RV_SENSING_CATHODE_LOCATION_1^MDC	
Encounter Programmed Bradycardia Right Ventricle Sensing Pathway Electrode	ENUM	CWE	729861^MDC_IDC_SET_LEADCHNL_RV_SENSING_CATHODE_ELECTRODE_1^MDC	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Programmed Bradycardia Right Ventricle Sensing Pathway Location	ENUM	CWE	729798^MDC_IDC_SET_LEADCHNL_RV_SENSING_CATHODE_LOCATION_2^MDC	
Encounter Programmed Bradycardia Right Ventricle Sensing Pathway Electrode	ENUM	CWE	729862^MDC_IDC_SET_LEADCHNL_RV_SENSING_CATHODE_ELECTRODE_2^MDC	
Encounter Programmed Bradycardia Right Ventricle Sensing Pathway Location	ENUM	CWE	729799^MDC_IDC_SET_LEADCHNL_RV_SENSING_CATHODE_LOCATION_3^MDC	
Encounter Programmed Bradycardia Right Ventricle Sensing Pathway Electrode	ENUM	CWE	729863^MDC_IDC_SET_LEADCHNL_RV_SENSING_CATHODE_ELECTRODE_3^MDC	
Encounter Programmed Bradycardia Right Ventricle Sensing Refractory Period Previous Event Chamber	ENUM	ST	101047^MDT_PROG_BRADY_REFRACTORYPERIOD_PREVIOUSEVENTCHAMBER_RV^MDT	
Encounter Programmed Bradycardia Right Ventricle Sensing Refractory Period Interval	Numeric	NM	101048^MDT_PROG_BRADY_REFRACTORYPERIOD_INTERVAL_RV^MDT	ms^milliseconds^UCUM
Encounter Programmed Bradycardia Right Ventricle Sensing Blanking Previous Event Chamber	ENUM	ST	101057^MDT_PROG_BRADY_BLANKINGPERIOD_PREVIOUSEVENTCHAMBER_RV^MDT	
Encounter Programmed Bradycardia Right Ventricle Sensing Blanking Previous Event Type	ENUM	ST	101058^MDT_PROG_BRADY_BLANKINGPERIOD_EVENTTYPE_RV^MDT	
Encounter Programmed Bradycardia Right Ventricle Sensing Blanking Interval	Numeric	NM	101059^MDT_PROG_BRADY_BLANKINGPERIOD_INTERVAL_RV^MDT	ms^milliseconds^UCUM
Encounter Programmed Bradycardia Right Ventricle Sensing Amplitude	Numeric	NM	729537^MDC_IDC_SET_LEADCHNL_RV_SENSING_SENSITIVITY^MDC	mV^millivolts^UCUM
Encounter Programmed Bradycardia Right Ventricle Sensing Amplitude Adaptation Mode	ENUM	CWE	729921^MDC_IDC_SET_LEADCHNL_RV_SENSING_ADAPTATION_MODE^MDC	
Encounter Programmed Bradycardia Left Ventricle Pacing Polarity	ENUM	CWE	730115^MDC_IDC_SET_LEADCHNL_LV_PACING_POLARITY^MDC	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Programmed Bradycardia Left Ventricle Pacing Pathway Summary	String	ST	1001337^MDT_PROG_BRADY_POLARITYCONFIGURATION_LV_ PACING_PATHWAY_SUMMARY^MDT	
Encounter Programmed Bradycardia Left Ventricle Pacing Pathway Location	ENUM	CWE	730189^MDC_IDC_SET_LEADCHNL_LV_PACING_ANODE_ LOCATION_1^MDC	
Encounter Programmed Bradycardia Left Ventricle Pacing Pathway Electrode	ENUM	CWE	730253^MDC_IDC_SET_LEADCHNL_LV_PACING_ANODE_ ELECTRODE_1^MDC	
Encounter Programmed Bradycardia Left Ventricle Pacing Pathway Location	ENUM	CWE	730190^MDC_IDC_SET_LEADCHNL_LV_PACING_ANODE_ LOCATION_2^MDC	
Encounter Programmed Bradycardia Left Ventricle Pacing Pathway Electrode	ENUM	CWE	730254^MDC_IDC_SET_LEADCHNL_LV_PACING_ANODE_ ELECTRODE_2^MDC	
Encounter Programmed Bradycardia Left Ventricle Pacing Pathway Location	ENUM	CWE	730191^MDC_IDC_SET_LEADCHNL_LV_PACING_ANODE_ LOCATION_3^MDC	
Encounter Programmed Bradycardia Left Ventricle Pacing Pathway Electrode	ENUM	CWE	730255^MDC_IDC_SET_LEADCHNL_LV_PACING_ANODE_ ELECTRODE_3^MDC	
Encounter Programmed Bradycardia Left Ventricle Pacing Pathway Location	ENUM	CWE	730317^MDC_IDC_SET_LEADCHNL_LV_PACING_CATHODE_ LOCATION_1^MDC	
Encounter Programmed Bradycardia Left Ventricle Pacing Pathway Electrode	ENUM	CWE	730381^MDC_IDC_SET_LEADCHNL_LV_PACING_CATHODE_ ELECTRODE_1^MDC	
Encounter Programmed Bradycardia Left Ventricle Pacing Pathway Location	ENUM	CWE	730318^MDC_IDC_SET_LEADCHNL_LV_PACING_CATHODE_ LOCATION_2^MDC	
Encounter Programmed Bradycardia Left Ventricle Pacing Pathway Electrode	ENUM	CWE	730382^MDC_IDC_SET_LEADCHNL_LV_PACING_CATHODE_ ELECTRODE_2^MDC	
Encounter Programmed Bradycardia Left Ventricle Pacing Pathway Location	ENUM	CWE	730319^MDC_IDC_SET_LEADCHNL_LV_PACING_CATHODE_ LOCATION_3^MDC	
Encounter Programmed Bradycardia Left Ventricle Pacing Pathway Electrode	ENUM	CWE	730383^MDC_IDC_SET_LEADCHNL_LV_PACING_CATHODE_ ELECTRODE_3^MDC	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Programmed Bradycardia Left Ventricle Pacing Pulse Width	Numeric	NM	730051^MDC_IDC_SET_LEADCHNL_LV_PACING_ PULSEWIDTH^MDC	ms^milliseconds^UCUM
Encounter Programmed Bradycardia Left Ventricle Pacing Amplitude	Numeric	NM	729987^MDC_IDC_SET_LEADCHNL_LV_PACING_ AMPLITUDE^MDC	V^volts^UCUM
Encounter Programmed Bradycardia Left Ventricle Pacing Adaptation Mode	ENUM	CWE	730435^MDC_IDC_SET_LEADCHNL_LV_PACING_CAPTURE_ MODE^MDC	
Encounter Programmed Bradycardia Right Atrium Pacing Polarity	ENUM	CWE	730112^MDC_IDC_SET_LEADCHNL_RA_PACING_ POLARITY^MDC	
Encounter Programmed Bradycardia Right Atrium Pacing Pathway Summary	String	ST	1001338^MDT_PROG_BRADY_POLARITYCONFIGURATION_RA_ PACING_PATHWAY_SUMMARY^MDT	
Encounter Programmed Bradycardia Right Atrium Pacing Pathway Location	ENUM	CWE	730177^MDC_IDC_SET_LEADCHNL_RA_PACING_ANODE_ LOCATION_1^MDC	
Encounter Programmed Bradycardia Right Atrium Pacing Pathway Electrode	ENUM	CWE	730241^MDC_IDC_SET_LEADCHNL_RA_PACING_ANODE_ ELECTRODE_1^MDC	
Encounter Programmed Bradycardia Right Atrium Pacing Pathway Location	ENUM	CWE	730178^MDC_IDC_SET_LEADCHNL_RA_PACING_ANODE_ LOCATION_2^MDC	
Encounter Programmed Bradycardia Right Atrium Pacing Pathway Electrode	ENUM	CWE	730242^MDC_IDC_SET_LEADCHNL_RA_PACING_ANODE_ ELECTRODE_2^MDC	
Encounter Programmed Bradycardia Right Atrium Pacing Pathway Location	ENUM	CWE	730179^MDC_IDC_SET_LEADCHNL_RA_PACING_ANODE_ LOCATION_3^MDC	
Encounter Programmed Bradycardia Right Atrium Pacing Pathway Electrode	ENUM	CWE	730243^MDC_IDC_SET_LEADCHNL_RA_PACING_ANODE_ ELECTRODE_3^MDC	
Encounter Programmed Bradycardia Right Atrium Pacing Pathway Location	ENUM	CWE	730305^MDC_IDC_SET_LEADCHNL_RA_PACING_CATHODE_ LOCATION_1^MDC	
Encounter Programmed Bradycardia Right Atrium Pacing Pathway Electrode	ENUM	CWE	730369^MDC_IDC_SET_LEADCHNL_RA_PACING_CATHODE_ ELECTRODE_1^MDC	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Programmed Bradycardia Right Atrium Pacing Pathway Location	ENUM	CWE	730306^MDC_IDC_SET_LEADCHNL_RA_PACING_CATHODE_LOCATION_2^MDC	
Encounter Programmed Bradycardia Right Atrium Pacing Pathway Electrode	ENUM	CWE	730370^MDC_IDC_SET_LEADCHNL_RA_PACING_CATHODE_ELECTRODE_2^MDC	
Encounter Programmed Bradycardia Right Atrium Pacing Pathway Location	ENUM	CWE	730307^MDC_IDC_SET_LEADCHNL_RA_PACING_CATHODE_LOCATION_3^MDC	
Encounter Programmed Bradycardia Right Atrium Pacing Pathway Electrode	ENUM	CWE	730371^MDC_IDC_SET_LEADCHNL_RA_PACING_CATHODE_ELECTRODE_3^MDC	
Encounter Programmed Bradycardia Right Atrium Pacing Pulse Width	Numeric	NM	730048^MDC_IDC_SET_LEADCHNL_RA_PACING_PULSEWIDTH^MDC	ms^milliseconds^UCUM
Encounter Programmed Bradycardia Right Atrium Pacing Amplitude	Numeric	NM	729984^MDC_IDC_SET_LEADCHNL_RA_PACING_AMPLITUDE^MDC	V^volts^UCUM
Encounter Programmed Bradycardia Right Atrium Pacing Adaptation Mode	ENUM	CWE	730432^MDC_IDC_SET_LEADCHNL_RA_PACING_CAPTURE_MODE^MDC	
Encounter Programmed Bradycardia Right Ventricle Pacing Polarity	ENUM	CWE	730113^MDC_IDC_SET_LEADCHNL_RV_PACING_POLARITY^MDC	
Encounter Programmed Bradycardia Right Ventricle Pacing Pathway Summary	String	ST	1001339^MDT_PROG_BRADY_POLARITYCONFIGURATION_RV_PACING_PATHWAY_SUMMARY^MDT	
Encounter Programmed Bradycardia Right Ventricle Pacing Pathway Location	ENUM	CWE	730181^MDC_IDC_SET_LEADCHNL_RV_PACING_ANODE_LOCATION_1^MDC	
Encounter Programmed Bradycardia Right Ventricle Pacing Pathway Electrode	ENUM	CWE	730245^MDC_IDC_SET_LEADCHNL_RV_PACING_ANODE_ELECTRODE_1^MDC	
Encounter Programmed Bradycardia Right Ventricle Pacing Pathway Location	ENUM	CWE	730182^MDC_IDC_SET_LEADCHNL_RV_PACING_ANODE_LOCATION_2^MDC	
Encounter Programmed Bradycardia Right Ventricle Pacing Pathway Electrode	ENUM	CWE	730246^MDC_IDC_SET_LEADCHNL_RV_PACING_ANODE_ELECTRODE_2^MDC	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Programmed Bradycardia Right Ventricle Pacing Pathway Location	ENUM	CWE	730183^MDC_IDC_SET_LEADCHNL_RV_PACING_ANODE_ LOCATION_3^MDC	
Encounter Programmed Bradycardia Right Ventricle Pacing Pathway Electrode	ENUM	CWE	730247^MDC_IDC_SET_LEADCHNL_RV_PACING_ANODE_ ELECTRODE_3^MDC	
Encounter Programmed Bradycardia Right Ventricle Pacing Pathway Location	ENUM	CWE	730309^MDC_IDC_SET_LEADCHNL_RV_PACING_CATHODE_ LOCATION_1^MDC	
Encounter Programmed Bradycardia Right Ventricle Pacing Pathway Electrode	ENUM	CWE	730373^MDC_IDC_SET_LEADCHNL_RV_PACING_CATHODE_ ELECTRODE_1^MDC	
Encounter Programmed Bradycardia Right Ventricle Pacing Pathway Location	ENUM	CWE	730310^MDC_IDC_SET_LEADCHNL_RV_PACING_CATHODE_ LOCATION_2^MDC	
Encounter Programmed Bradycardia Right Ventricle Pacing Pathway Electrode	ENUM	CWE	730374^MDC_IDC_SET_LEADCHNL_RV_PACING_CATHODE_ ELECTRODE_2^MDC	
Encounter Programmed Bradycardia Right Ventricle Pacing Pathway Location	ENUM	CWE	730311^MDC_IDC_SET_LEADCHNL_RV_PACING_CATHODE_ LOCATION_3^MDC	
Encounter Programmed Bradycardia Right Ventricle Pacing Pathway Electrode	ENUM	CWE	730375^MDC_IDC_SET_LEADCHNL_RV_PACING_CATHODE_ ELECTRODE_3^MDC	
Encounter Programmed Bradycardia Right Ventricle Pacing Pulse Width	Numeric	NM	730049^MDC_IDC_SET_LEADCHNL_RV_PACING_ PULSEWIDTH^MDC	ms^milliseconds^UCUM
Encounter Programmed Bradycardia Right Ventricle Pacing Amplitude	Numeric	NM	729985^MDC_IDC_SET_LEADCHNL_RV_PACING_ AMPLITUDE^MDC	V^volts^UCUM
Encounter Programmed Bradycardia Right Ventricle Pacing Adaptation Mode	ENUM	CWE	730433^MDC_IDC_SET_LEADCHNL_RV_PACING_CAPTURE_ MODE^MDC	

Medtronic defined enumeration values

Encounter Programmed Bradycardia Pacing Mode

In addition to the IDCO specified values, you can map Medtronic defined OBX-5 values for the following segment:

Parameter	Parameter type	OBX-2	OBX-3
Encounter Programmed Bradycardia Pacing Mode	ENUM	CWE	730752^MDC_IDC_SET_BRADY_MODE^MDC

The OBX-5 value can be one of the following Medtronic defined values:

OBX-5-1	OBX-5-2	OBX-5-3	OBX-8-1
200001	MVP_AAI_DDD	MDT	NC-IDCO
200002	MVP_AAIR_DDDR	MDT	NC-IDCO
200003	AAI_SAFE_R	MDT	NC-IDCO
200004	SAFE_R	MDT	NC-IDCO
200005	SAFE_R_DDIR	MDT	NC-IDCO
200006	DDD_CLS	MDT	NC-IDCO
200007	DDDR_CLS	MDT	NC-IDCO

Encounter Programmed Bradycardia Left Ventricle Sensing Amplitude Adaptation Mode

In addition to the IDCO specified values, you can map a Medtronic defined OBX-5 value for the following segment:

Parameter	Parameter type	OBX-2	OBX-3
Encounter Programmed Bradycardia Left Ventricle Sensing Amplitude Adaptation Mode	ENUM	CWE	729923^MDC_IDC_SET_LEADCHNL_LV_SENSING_ADAPTATION_MODE^MDC

The OBX-5 value can be the following Medtronic defined value:

OBX-5-1	OBX-5-2	OBX-5-3	OBX-8-1
200100	MONITOR	MDT	NC-IDCO

Outbound OBX Programming Heart Failure Message Segments

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Programmed Heart Failure Ventricular Pacing Configuration	ENUM	CWE	729408^MDC_IDC_SET_CRT_PACED_CHAMBERS^MDC	
Encounter Programmed Heart Failure Ventricular Pacing Sequence	ENUM	ST	100024^MDT_PROG_CRT_VENTRICULAR_FIRST_CHAMBER_PACED^MDT	
Encounter Programmed VV Delay	Numeric	NM	729344^MDC_IDC_SET_CRT_LVRV_DELAY^MDC	ms^milliseconds^UCUM

Outbound OBX Programming Tachycardia Message Segments

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Programmed Tachycardia Zone Type	ENUM	CWE	731648^MDC_IDC_SET_ZONE_TYPE^MDC	
Encounter Programmed	ENUM	CWE	731712^MDC_IDC_SET_ZONE_VENDOR_TYPE^MDC	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Tachycardia Vendor Type				
Encounter Programmed Tachycardia Zone Detection Status	ENUM	ST	100025^MDT_PROG_TACHY_ZONE_DETECTIONS_STATUS^MDT	
Encounter Programmed Tachycardia Zone Tachycardia Classifier	ENUM	ST	100026^MDT_PROG_TACHY_ZONE_DETECTIONS_CLASSIFIER^MDT	
Encounter Programmed Tachycardia Zone Detection Interval	Numeric	NM	731840^MDC_IDC_SET_ZONE_DETECTION_INTERVAL^MDC	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Zone Shared Detection Duration Fixed	Numeric	NM	100027^MDT_PROG_TACHY_ZONE_DETECTIONS_CRITERIA_DURATION_SHARED_FIXED^MDT	s^seconds^UCUM
Encounter Programmed Tachycardia Zone Shared Detection Duration Beat Ratio Numerator	Numeric	NM	731904^MDC_IDC_SET_ZONE_DETECTION_BEATS_NUMERATOR^MDC	{beats}^heartbeats^UCUM
Encounter Programmed Tachycardia Zone Shared Detection Duration Beat Ratio Denominator	Numeric	NM	731968^MDC_IDC_SET_ZONE_DETECTION_BEATS_DENOMINATOR^MDC	{beats}^heartbeats^UCUM
Encounter Programmed Tachycardia Zone Shared Detection Duration Beat Count	Numeric	NM	100028^MDT_PROG_TACHY_ZONE_DETECTIONS_CRITERIA_DURATION_SHARED_BEATCOUNT^MDT	{beats}^heartbeats^UCUM
Encounter Programmed Tachycardia Zone ATP Detection Duration Fixed	Numeric	NM	100029^MDT_PROG_TACHY_ZONE_DETECTIONS_CRITERIA_DURATION_THERAPYSPECIFIC_ATP_FIXED^MDT	s^seconds^UCUM
Encounter Programmed Tachycardia Zone ATP Detection Duration Beat Ratio Numerator	Numeric	NM	100030^MDT_PROG_TACHY_ZONE_DETECTIONS_CRITERIA_DURATION_THERAPYSPECIFIC_ATP_BEATRATIO_NUMERATOR^MDT	{beats}^heartbeats^UCUM
Encounter Programmed Tachycardia Zone ATP Detection Duration Beat Ratio Denominator	Numeric	NM	100031^MDT_PROG_TACHY_ZONE_DETECTIONS_CRITERIA_DURATION_THERAPYSPECIFIC_ATP_BEATRATIO_DENOMINATOR^MDT	{beats}^heartbeats^UCUM

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Programmed Tachycardia Zone ATP Detection Duration Beat Count	Numeric	NM	100032^MDT_PROG_TACHY_ZONE_DETECTIONS_CRITERIA_DURATION_ THERAPYSPECIFIC_ATP_BEATCOUNT^MDT	{beats}^heartbeats^UCUM
Encounter Programmed Tachycardia Zone Shock Detection Duration Fixed	Numeric	NM	100033^MDT_PROG_TACHY_ZONE_DETECTIONS_CRITERIA_DURATION_ THERAPYSPECIFIC_SHOCK_FIXED^MDT	s^seconds^UCUM
Encounter Programmed Tachycardia Zone Shock Detection Duration Beat Ratio Numerator	Numeric	NM	100034^MDT_PROG_TACHY_ZONE_DETECTIONS_CRITERIA_DURATION_ THERAPYSPECIFIC_SHOCK_BEATRATIO_NUMERATOR^MDT	{beats}^heartbeats^UCUM
Encounter Programmed Tachycardia Zone Shock Detection Duration Beat Ratio Denominator	Numeric	NM	100035^MDT_PROG_TACHY_ZONE_DETECTIONS_CRITERIA_DURATION_ THERAPYSPECIFIC_SHOCK_BEATRATIO_DENOMINATOR^MDT	{beats}^heartbeats^UCUM
Encounter Programmed Tachycardia Zone Shock Detection Duration Beat Count	Numeric	NM	100036^MDT_PROG_TACHY_ZONE_DETECTIONS_CRITERIA_DURATION_ THERAPYSPECIFIC_SHOCK_BEATCOUNT^MDT	{beats}^heartbeats^UCUM
Encounter Programmed Tachycardia Zone Redetection Interval	Numeric	NM	100037^MDT_PROG_TACHY_ZONE_DETECTIONS_REDETECTION_ CRITERIA_INTERVAL^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Zone Shared Redetection Duration Fixed	Numeric	NM	100038^MDT_PROG_TACHY_ZONE_DETECTIONS_REDETECTION_ CRITERIA_DURATION_SHARED_FIXED^MDT	s^seconds^UCUM
Encounter Programmed Tachycardia Zone Shared Redetection Duration Beat Ratio Numerator	Numeric	NM	100039^MDT_PROG_TACHY_ZONE_DETECTIONS_REDETECTION_ CRITERIA_DURATION_SHARED_BEATRATIO_NUMERATOR^MDT	{beats}^heartbeats^UCUM
Encounter Programmed Tachycardia Zone Shared Redetection Duration Beat Ratio Denominator	Numeric	NM	100040^MDT_PROG_TACHY_ZONE_DETECTIONS_REDETECTION_ CRITERIA_DURATION_SHARED_BEATRATIO_DENOMINATOR^MDT	{beats}^heartbeats^UCUM
Encounter Programmed Tachycardia Zone Shared Redetection	Numeric	NM	100041^MDT_PROG_TACHY_ZONE_DETECTIONS_REDETECTION_ CRITERIA_DURATION_SHARED_BEATCOUNT^MDT	{beats}^heartbeats^UCUM

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Duration Beat Count				
Encounter Programmed Tachycardia Zone ATP Redetection Duration Fixed	Numeric	NM	100042^MDT_PROG_TACHY_ZONE_DETECTIONS_REDETECTION_ CRITERIA_DURATION_THERAPYSPECIFIC_ATP_FIXED^MDT	s^seconds^UCUM
Encounter Programmed Tachycardia Zone ATP Redetection Duration Beat Ratio Numerator	Numeric	NM	100043^MDT_PROG_TACHY_ZONE_DETECTIONS_REDETECTION_ CRITERIA_DURATION_THERAPYSPECIFIC_ATP_BEATRATIO_ NUMERATOR^MDT	{beats}^heartbeats^UCUM
Encounter Programmed Tachycardia Zone ATP Redetection Duration Beat Ratio Denominator	Numeric	NM	100044^MDT_PROG_TACHY_ZONE_DETECTIONS_REDETECTION_ CRITERIA_DURATION_THERAPYSPECIFIC_ATP_BEATRATIO_ DENOMINATOR^MDT	{beats}^heartbeats^UCUM
Encounter Programmed Tachycardia Zone ATP Redetection Duration Beat Count	Numeric	NM	100045^MDT_PROG_TACHY_ZONE_DETECTIONS_REDETECTION_ CRITERIA_DURATION_THERAPYSPECIFIC_ATP_BEATCOUNT^MDT	{beats}^heartbeats^UCUM
Encounter Programmed Tachycardia Zone Shock Redetection Duration Fixed	Numeric	NM	100046^MDT_PROG_TACHY_ZONE_DETECTIONS_REDETECTION_ CRITERIA_DURATION_THERAPYSPECIFIC_SHOCK_FIXED^MDT	s^seconds^UCUM
Encounter Programmed Tachycardia Zone Shock Redetection Duration Beat Ratio Numerator	Numeric	NM	100047^MDT_PROG_TACHY_ZONE_DETECTIONS_REDETECTION_ CRITERIA_DURATION_THERAPYSPECIFIC_SHOCK_BEATRATIO_ NUMERATOR^MDT	{beats}^heartbeats^UCUM
Encounter Programmed Tachycardia Zone Shock Redetection Duration Beat Ratio Denominator	Numeric	NM	100048^MDT_PROG_TACHY_ZONE_DETECTIONS_REDETECTION_ CRITERIA_DURATION_THERAPYSPECIFIC_SHOCK_BEATRATIO_ DENOMINATOR^MDT	{beats}^heartbeats^UCUM
Encounter Programmed Tachycardia Zone Shock Redetection Duration Beat Count	Numeric	NM	100049^MDT_PROG_TACHY_ZONE_DETECTIONS_REDETECTION_ CRITERIA_DURATION_THERAPYSPECIFIC_SHOCK_BEATCOUNT^MDT	{beats}^heartbeats^UCUM
Encounter Programmed Tachycardia Zone Sudden Onset Status	ENUM	ST	100050^MDT_PROG_TACHY_ZONE_DETECTIONS_SUDDENONSET_ STATUS^MDT	
Encounter Programmed Tachycardia Zone Sudden	Numeric	NM	100051^MDT_PROG_TACHY_ZONE_DETECTIONS_SUDDENONSET_ CRITERIA_DURATION_FIXED^MDT	ms^milliseconds^UCUM

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Onset Duration Fixed				
Encounter Programmed Tachycardia Zone Sudden Onset Duration Percent	Numeric	NM	100052^MDT_PROG_TACHY_ZONE_DETECTIONS_SUDDENONSET_CRITERIA_DURATION_PERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia Zone Rate Stability Status	ENUM	ST	100053^MDT_PROG_TACHY_ZONE_DETECTIONS_RATESTABILITY_STATUS^MDT	
Encounter Programmed Tachycardia Zone Rate Stability Duration	Numeric	NM	100054^MDT_PROG_TACHY_ZONE_DETECTIONS_RATESTABILITY_CRITERIA_DURATION^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Zone Sustained High Rate To Current Zone Status	ENUM	ST	100055^MDT_PROG_TACHY_ZONE_DETECTIONS_SUSTAINEDHIGHRATETOCURRENTZONE_STATUS^MDT	
Encounter Programmed Tachycardia Zone Sustained High Rate To Current Zone Duration	Numeric	NM	100056^MDT_PROG_TACHY_ZONE_DETECTIONS_SUSTAINEDHIGHRATETOCURRENTZONE_CRITERIA_DURATION^MDT	s^seconds^UCUM
Encounter Programmed Tachycardia Zone Sustained High Rate To Current Zone Rate	Numeric	NM	100057^MDT_PROG_TACHY_ZONE_DETECTIONS_SUSTAINEDHIGHRATETOCURRENTZONE_CRITERIA_RATE^MDT	{beats}/min^heartbeats^UCUM
Encounter Programmed Tachycardia Zone Sustained High Rate To VF Zone Status	ENUM	ST	100058^MDT_PROG_TACHY_ZONE_DETECTIONS_SUSTAINEDHIGHRATETOVFZONE_STATUS^MDT	
Encounter Programmed Tachycardia Zone Sustained High Rate To VF Zone Duration	Numeric	NM	100059^MDT_PROG_TACHY_ZONE_DETECTIONS_SUSTAINEDHIGHRATETOVFZONE_CRITERIA_DURATION^MDT	s^seconds^UCUM
Encounter Programmed Tachycardia Zone Sustained High Rate To VF Zone Rate	Numeric	NM	100060^MDT_PROG_TACHY_ZONE_DETECTIONS_SUSTAINEDHIGHRATETOVFZONE_CRITERIA_RATE^MDT	{beats}/min^heartbeats^UCUM
Encounter Programmed Tachycardia Zone QRS	ENUM	ST	100061^MDT_PROG_TACHY_ZONE_DETECTIONS_QRSMORPHOLOGY_STATUS^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Morphology Status				
Encounter Programmed Tachycardia Zone QRS Morphology Match	Numeric	NM	100062^MDT_PROG_TACHY_ZONE_DETECTIONS_QRSMORPHOLOGY_ CRITERIA_MATCH^MDT	%^percent^UCUM
Encounter Programmed Tachycardia Zone Therapy Summary	String	ST	1001350^MDT_PROG_TACHY_ZONE_THERAPIES_SUMMARY^MDT	
Encounter Programmed Tachycardia ATP Therapy Sequence ID	Numeric	NM	100063^MDT_PROG_TACHY_ZONE_THERAPIES_1_SEQUENCEID^MDT	
Encounter Programmed Tachycardia ATP Therapy Sequence ID	Numeric	NM	100064^MDT_PROG_TACHY_ZONE_THERAPIES_2_SEQUENCEID^MDT	
Encounter Programmed Tachycardia ATP Therapy Sequence ID	Numeric	NM	100065^MDT_PROG_TACHY_ZONE_THERAPIES_3_SEQUENCEID^MDT	
Encounter Programmed Tachycardia ATP Therapy Sequence ID	Numeric	NM	100066^MDT_PROG_TACHY_ZONE_THERAPIES_4_SEQUENCEID^MDT	
Encounter Programmed Tachycardia ATP Therapy Sequence ID	Numeric	NM	100067^MDT_PROG_TACHY_ZONE_THERAPIES_5_SEQUENCEID^MDT	
Encounter Programmed Tachycardia ATP Therapy Sequence ID	Numeric	NM	100068^MDT_PROG_TACHY_ZONE_THERAPIES_6_SEQUENCEID^MDT	
Encounter Programmed Tachycardia ATP Therapy Sequence ID	Numeric	NM	100069^MDT_PROG_TACHY_ZONE_THERAPIES_7_SEQUENCEID^MDT	
Encounter Programmed Tachycardia ATP Therapy Sequence ID	Numeric	NM	100070^MDT_PROG_TACHY_ZONE_THERAPIES_8_SEQUENCEID^MDT	
Encounter Programmed Tachycardia ATP Therapy Sequence ID	Numeric	NM	100071^MDT_PROG_TACHY_ZONE_THERAPIES_9_SEQUENCEID^MDT	
Encounter Programmed Tachycardia ATP Therapy Sequence ID	Numeric	NM	100072^MDT_PROG_TACHY_ZONE_THERAPIES_10_SEQUENCEID^MDT	
Encounter Programmed Tachycardia	Numeric	NM	100073^MDT_PROG_TACHY_ZONE_THERAPIES_11_SEQUENCEID^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
ATP Therapy Sequence ID				
Encounter Programmed Tachycardia ATP Therapy Sequence ID	Numeric	NM	100074^MDT_PROG_TACHY_ZONE_THERAPIES_12_SEQUENCEID^MDT	
Encounter Programmed Tachycardia ATP Therapy Sequence ID	Numeric	NM	100075^MDT_PROG_TACHY_ZONE_THERAPIES_13_SEQUENCEID^MDT	
Encounter Programmed Tachycardia ATP Therapy Sequence ID	Numeric	NM	100076^MDT_PROG_TACHY_ZONE_THERAPIES_14_SEQUENCEID^MDT	
Encounter Programmed Tachycardia ATP Therapy Sequence ID	Numeric	NM	100077^MDT_PROG_TACHY_ZONE_THERAPIES_15_SEQUENCEID^MDT	
Encounter Programmed Tachycardia ATP Therapy Sequence ID	Numeric	NM	100078^MDT_PROG_TACHY_ZONE_THERAPIES_16_SEQUENCEID^MDT	
Encounter Programmed Tachycardia ATP Therapy Sequence ID	Numeric	NM	100079^MDT_PROG_TACHY_ZONE_THERAPIES_17_SEQUENCEID^MDT	
Encounter Programmed Tachycardia ATP Therapy Sequence ID	Numeric	NM	100080^MDT_PROG_TACHY_ZONE_THERAPIES_18_SEQUENCEID^MDT	
Encounter Programmed Tachycardia ATP Therapy Sequence ID	Numeric	NM	100081^MDT_PROG_TACHY_ZONE_THERAPIES_19_SEQUENCEID^MDT	
Encounter Programmed Tachycardia ATP Therapy Sequence ID	Numeric	NM	100082^MDT_PROG_TACHY_ZONE_THERAPIES_20_SEQUENCEID^MDT	
Encounter Programmed Tachycardia ATP Therapy Status	ENUM	CWE	100083^MDT_PROG_TACHY_ZONE_THERAPIES_1_STATUS^MDT	
Encounter Programmed Tachycardia ATP Therapy Status	ENUM	CWE	100084^MDT_PROG_TACHY_ZONE_THERAPIES_2_STATUS^MDT	
Encounter Programmed Tachycardia ATP Therapy Status	ENUM	CWE	100085^MDT_PROG_TACHY_ZONE_THERAPIES_3_STATUS^MDT	
Encounter Programmed Tachycardia	ENUM	CWE	100086^MDT_PROG_TACHY_ZONE_THERAPIES_4_STATUS^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
ATP Therapy Status				
Encounter Programmed Tachycardia ATP Therapy Status	ENUM	CWE	100087^MDT_PROG_TACHY_ZONE_THERAPIES_5_STATUS^MDT	
Encounter Programmed Tachycardia ATP Therapy Status	ENUM	CWE	100088^MDT_PROG_TACHY_ZONE_THERAPIES_6_STATUS^MDT	
Encounter Programmed Tachycardia ATP Therapy Status	ENUM	CWE	100089^MDT_PROG_TACHY_ZONE_THERAPIES_7_STATUS^MDT	
Encounter Programmed Tachycardia ATP Therapy Status	ENUM	CWE	100090^MDT_PROG_TACHY_ZONE_THERAPIES_8_STATUS^MDT	
Encounter Programmed Tachycardia ATP Therapy Status	ENUM	CWE	100091^MDT_PROG_TACHY_ZONE_THERAPIES_9_STATUS^MDT	
Encounter Programmed Tachycardia ATP Therapy Status	ENUM	CWE	100092^MDT_PROG_TACHY_ZONE_THERAPIES_10_STATUS^MDT	
Encounter Programmed Tachycardia ATP Therapy Status	ENUM	CWE	100093^MDT_PROG_TACHY_ZONE_THERAPIES_11_STATUS^MDT	
Encounter Programmed Tachycardia ATP Therapy Status	ENUM	CWE	100094^MDT_PROG_TACHY_ZONE_THERAPIES_12_STATUS^MDT	
Encounter Programmed Tachycardia ATP Therapy Status	ENUM	CWE	100095^MDT_PROG_TACHY_ZONE_THERAPIES_13_STATUS^MDT	
Encounter Programmed Tachycardia ATP Therapy Status	ENUM	CWE	100096^MDT_PROG_TACHY_ZONE_THERAPIES_14_STATUS^MDT	
Encounter Programmed Tachycardia ATP Therapy Status	ENUM	CWE	100097^MDT_PROG_TACHY_ZONE_THERAPIES_15_STATUS^MDT	
Encounter Programmed Tachycardia ATP Therapy Status	ENUM	CWE	100098^MDT_PROG_TACHY_ZONE_THERAPIES_16_STATUS^MDT	
Encounter Programmed Tachycardia	ENUM	CWE	100099^MDT_PROG_TACHY_ZONE_THERAPIES_17_STATUS^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
ATP Therapy Status				
Encounter Programmed Tachycardia ATP Therapy Status	ENUM	CWE	100100^MDT_PROG_TACHY_ZONE_THERAPIES_18_STATUS^MDT	
Encounter Programmed Tachycardia ATP Therapy Status	ENUM	CWE	100101^MDT_PROG_TACHY_ZONE_THERAPIES_19_STATUS^MDT	
Encounter Programmed Tachycardia ATP Therapy Status	ENUM	CWE	100102^MDT_PROG_TACHY_ZONE_THERAPIES_20_STATUS^MDT	
Encounter Programmed Tachycardia ATP Therapy Type	ENUM	CWE	100103^MDT_PROG_TACHY_ZONE_THERAPIES_1_ATPTHERAPY_TYPE^MDT	
Encounter Programmed Tachycardia ATP Therapy Type	ENUM	CWE	100104^MDT_PROG_TACHY_ZONE_THERAPIES_2_ATPTHERAPY_TYPE^MDT	
Encounter Programmed Tachycardia ATP Therapy Type	ENUM	CWE	100105^MDT_PROG_TACHY_ZONE_THERAPIES_3_ATPTHERAPY_TYPE^MDT	
Encounter Programmed Tachycardia ATP Therapy Type	ENUM	CWE	100106^MDT_PROG_TACHY_ZONE_THERAPIES_4_ATPTHERAPY_TYPE^MDT	
Encounter Programmed Tachycardia ATP Therapy Type	ENUM	CWE	100107^MDT_PROG_TACHY_ZONE_THERAPIES_5_ATPTHERAPY_TYPE^MDT	
Encounter Programmed Tachycardia ATP Therapy Type	ENUM	CWE	100108^MDT_PROG_TACHY_ZONE_THERAPIES_6_ATPTHERAPY_TYPE^MDT	
Encounter Programmed Tachycardia ATP Therapy Type	ENUM	CWE	100109^MDT_PROG_TACHY_ZONE_THERAPIES_7_ATPTHERAPY_TYPE^MDT	
Encounter Programmed Tachycardia ATP Therapy Type	ENUM	CWE	100110^MDT_PROG_TACHY_ZONE_THERAPIES_8_ATPTHERAPY_TYPE^MDT	
Encounter Programmed Tachycardia ATP Therapy Type	ENUM	CWE	100111^MDT_PROG_TACHY_ZONE_THERAPIES_9_ATPTHERAPY_TYPE^MDT	
Encounter Programmed Tachycardia	ENUM	CWE	100112^MDT_PROG_TACHY_ZONE_THERAPIES_10_ATPTHERAPY_TYPE^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
ATP Therapy Type				
Encounter Programmed Tachycardia ATP Therapy Type	ENUM	CWE	100113^MDT_PROG_TACHY_ZONE_THERAPIES_11_ATPTHERAPY_ TYPE^MDT	
Encounter Programmed Tachycardia ATP Therapy Type	ENUM	CWE	100114^MDT_PROG_TACHY_ZONE_THERAPIES_12_ATPTHERAPY_ TYPE^MDT	
Encounter Programmed Tachycardia ATP Therapy Type	ENUM	CWE	100115^MDT_PROG_TACHY_ZONE_THERAPIES_13_ATPTHERAPY_ TYPE^MDT	
Encounter Programmed Tachycardia ATP Therapy Type	ENUM	CWE	100116^MDT_PROG_TACHY_ZONE_THERAPIES_14_ATPTHERAPY_ TYPE^MDT	
Encounter Programmed Tachycardia ATP Therapy Type	ENUM	CWE	100117^MDT_PROG_TACHY_ZONE_THERAPIES_15_ATPTHERAPY_ TYPE^MDT	
Encounter Programmed Tachycardia ATP Therapy Type	ENUM	CWE	100118^MDT_PROG_TACHY_ZONE_THERAPIES_16_ATPTHERAPY_ TYPE^MDT	
Encounter Programmed Tachycardia ATP Therapy Type	ENUM	CWE	100119^MDT_PROG_TACHY_ZONE_THERAPIES_17_ATPTHERAPY_ TYPE^MDT	
Encounter Programmed Tachycardia ATP Therapy Type	ENUM	CWE	100120^MDT_PROG_TACHY_ZONE_THERAPIES_18_ATPTHERAPY_ TYPE^MDT	
Encounter Programmed Tachycardia ATP Therapy Type	ENUM	CWE	100121^MDT_PROG_TACHY_ZONE_THERAPIES_19_ATPTHERAPY_ TYPE^MDT	
Encounter Programmed Tachycardia ATP Therapy Type	ENUM	CWE	100122^MDT_PROG_TACHY_ZONE_THERAPIES_20_ATPTHERAPY_ TYPE^MDT	
Encounter Programmed Tachycardia ATP Therapy Description	String 50	ST	100123^MDT_PROG_TACHY_ZONE_THERAPIES_1_ATPTHERAPY_ DESCRIPTION^MDT	
Encounter Programmed Tachycardia ATP Therapy Description	String 50	ST	100124^MDT_PROG_TACHY_ZONE_THERAPIES_2_ATPTHERAPY_ DESCRIPTION^MDT	
Encounter Programmed Tachycardia	String 50	ST	100125^MDT_PROG_TACHY_ZONE_THERAPIES_3_ATPTHERAPY_ DESCRIPTION^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
ATP Therapy Description				
Encounter Programmed Tachycardia ATP Therapy Description	String 50	ST	100126^MDT_PROG_TACHY_ZONE_THERAPIES_4_ATPTHERAPY_DESCRIPTION^MDT	
Encounter Programmed Tachycardia ATP Therapy Description	String 50	ST	100127^MDT_PROG_TACHY_ZONE_THERAPIES_5_ATPTHERAPY_DESCRIPTION^MDT	
Encounter Programmed Tachycardia ATP Therapy Description	String 50	ST	100128^MDT_PROG_TACHY_ZONE_THERAPIES_6_ATPTHERAPY_DESCRIPTION^MDT	
Encounter Programmed Tachycardia ATP Therapy Description	String 50	ST	100129^MDT_PROG_TACHY_ZONE_THERAPIES_7_ATPTHERAPY_DESCRIPTION^MDT	
Encounter Programmed Tachycardia ATP Therapy Description	String 50	ST	100130^MDT_PROG_TACHY_ZONE_THERAPIES_8_ATPTHERAPY_DESCRIPTION^MDT	
Encounter Programmed Tachycardia ATP Therapy Description	String 50	ST	100131^MDT_PROG_TACHY_ZONE_THERAPIES_9_ATPTHERAPY_DESCRIPTION^MDT	
Encounter Programmed Tachycardia ATP Therapy Description	String 50	ST	100132^MDT_PROG_TACHY_ZONE_THERAPIES_10_ATPTHERAPY_DESCRIPTION^MDT	
Encounter Programmed Tachycardia ATP Therapy Description	String 50	ST	100133^MDT_PROG_TACHY_ZONE_THERAPIES_11_ATPTHERAPY_DESCRIPTION^MDT	
Encounter Programmed Tachycardia ATP Therapy Description	String 50	ST	100134^MDT_PROG_TACHY_ZONE_THERAPIES_12_ATPTHERAPY_DESCRIPTION^MDT	
Encounter Programmed Tachycardia ATP Therapy Description	String 50	ST	100135^MDT_PROG_TACHY_ZONE_THERAPIES_13_ATPTHERAPY_DESCRIPTION^MDT	
Encounter Programmed Tachycardia ATP Therapy Description	String 50	ST	100136^MDT_PROG_TACHY_ZONE_THERAPIES_14_ATPTHERAPY_DESCRIPTION^MDT	
Encounter Programmed Tachycardia ATP Therapy Description	String 50	ST	100137^MDT_PROG_TACHY_ZONE_THERAPIES_15_ATPTHERAPY_DESCRIPTION^MDT	
Encounter Programmed Tachycardia	String 50	ST	100138^MDT_PROG_TACHY_ZONE_THERAPIES_16_ATPTHERAPY_DESCRIPTION^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
ATP Therapy Description				
Encounter Programmed Tachycardia ATP Therapy Description	String 50	ST	100139^MDT_PROG_TACHY_ZONE_THERAPIES_17_ATPTHERAPY_ DESCRIPTION^MDT	
Encounter Programmed Tachycardia ATP Therapy Description	String 50	ST	100140^MDT_PROG_TACHY_ZONE_THERAPIES_18_ATPTHERAPY_ DESCRIPTION^MDT	
Encounter Programmed Tachycardia ATP Therapy Description	String 50	ST	100141^MDT_PROG_TACHY_ZONE_THERAPIES_19_ATPTHERAPY_ DESCRIPTION^MDT	
Encounter Programmed Tachycardia ATP Therapy Description	String 50	ST	100142^MDT_PROG_TACHY_ZONE_THERAPIES_20_ATPTHERAPY_ DESCRIPTION^MDT	
Encounter Programmed Tachycardia ATP Therapy Timing	ENUM	ST	100143^MDT_PROG_TACHY_ZONE_THERAPIES_1_ATPTHERAPY_ TIMING^MDT	
Encounter Programmed Tachycardia ATP Therapy Timing	ENUM	ST	100144^MDT_PROG_TACHY_ZONE_THERAPIES_2_ATPTHERAPY_ TIMING^MDT	
Encounter Programmed Tachycardia ATP Therapy Timing	ENUM	ST	100145^MDT_PROG_TACHY_ZONE_THERAPIES_3_ATPTHERAPY_ TIMING^MDT	
Encounter Programmed Tachycardia ATP Therapy Timing	ENUM	ST	100146^MDT_PROG_TACHY_ZONE_THERAPIES_4_ATPTHERAPY_ TIMING^MDT	
Encounter Programmed Tachycardia ATP Therapy Timing	ENUM	ST	100147^MDT_PROG_TACHY_ZONE_THERAPIES_5_ATPTHERAPY_ TIMING^MDT	
Encounter Programmed Tachycardia ATP Therapy Timing	ENUM	ST	100148^MDT_PROG_TACHY_ZONE_THERAPIES_6_ATPTHERAPY_ TIMING^MDT	
Encounter Programmed Tachycardia ATP Therapy Timing	ENUM	ST	100149^MDT_PROG_TACHY_ZONE_THERAPIES_7_ATPTHERAPY_ TIMING^MDT	
Encounter Programmed Tachycardia ATP Therapy Timing	ENUM	ST	100150^MDT_PROG_TACHY_ZONE_THERAPIES_8_ATPTHERAPY_ TIMING^MDT	
Encounter Programmed Tachycardia	ENUM	ST	100151^MDT_PROG_TACHY_ZONE_THERAPIES_9_ATPTHERAPY_ TIMING^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
ATP Therapy Timing				
Encounter Programmed Tachycardia ATP Therapy Timing	ENUM	ST	100152^MDT_PROG_TACHY_ZONE_THERAPIES_10_ATPTHERAPY_TIMING^MDT	
Encounter Programmed Tachycardia ATP Therapy Timing	ENUM	ST	100153^MDT_PROG_TACHY_ZONE_THERAPIES_11_ATPTHERAPY_TIMING^MDT	
Encounter Programmed Tachycardia ATP Therapy Timing	ENUM	ST	100154^MDT_PROG_TACHY_ZONE_THERAPIES_12_ATPTHERAPY_TIMING^MDT	
Encounter Programmed Tachycardia ATP Therapy Timing	ENUM	ST	100155^MDT_PROG_TACHY_ZONE_THERAPIES_13_ATPTHERAPY_TIMING^MDT	
Encounter Programmed Tachycardia ATP Therapy Timing	ENUM	ST	100156^MDT_PROG_TACHY_ZONE_THERAPIES_14_ATPTHERAPY_TIMING^MDT	
Encounter Programmed Tachycardia ATP Therapy Timing	ENUM	ST	100157^MDT_PROG_TACHY_ZONE_THERAPIES_15_ATPTHERAPY_TIMING^MDT	
Encounter Programmed Tachycardia ATP Therapy Timing	ENUM	ST	100158^MDT_PROG_TACHY_ZONE_THERAPIES_16_ATPTHERAPY_TIMING^MDT	
Encounter Programmed Tachycardia ATP Therapy Timing	ENUM	ST	100159^MDT_PROG_TACHY_ZONE_THERAPIES_17_ATPTHERAPY_TIMING^MDT	
Encounter Programmed Tachycardia ATP Therapy Timing	ENUM	ST	100160^MDT_PROG_TACHY_ZONE_THERAPIES_18_ATPTHERAPY_TIMING^MDT	
Encounter Programmed Tachycardia ATP Therapy Timing	ENUM	ST	100161^MDT_PROG_TACHY_ZONE_THERAPIES_19_ATPTHERAPY_TIMING^MDT	
Encounter Programmed Tachycardia ATP Therapy Timing	ENUM	ST	100162^MDT_PROG_TACHY_ZONE_THERAPIES_20_ATPTHERAPY_TIMING^MDT	
Encounter Programmed Tachycardia ATP Therapy Amplitude	Numeric	NM	100163^MDT_PROG_TACHY_ZONE_THERAPIES_1_ATPTHERAPY_AMPLITUDE^MDT	V^volts^UCUM
Encounter Programmed Tachycardia	Numeric	NM	100164^MDT_PROG_TACHY_ZONE_THERAPIES_2_ATPTHERAPY_AMPLITUDE^MDT	V^volts^UCUM

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
ATP Therapy Amplitude				
Encounter Programmed Tachycardia ATP Therapy Amplitude	Numeric	NM	100165^MDT_PROG_TACHY_ZONE_THERAPIES_3_ATPTHERAPY_AMPLITUDE^MDT	V^volts^UCUM
Encounter Programmed Tachycardia ATP Therapy Amplitude	Numeric	NM	100166^MDT_PROG_TACHY_ZONE_THERAPIES_4_ATPTHERAPY_AMPLITUDE^MDT	V^volts^UCUM
Encounter Programmed Tachycardia ATP Therapy Amplitude	Numeric	NM	100167^MDT_PROG_TACHY_ZONE_THERAPIES_5_ATPTHERAPY_AMPLITUDE^MDT	V^volts^UCUM
Encounter Programmed Tachycardia ATP Therapy Amplitude	Numeric	NM	100168^MDT_PROG_TACHY_ZONE_THERAPIES_6_ATPTHERAPY_AMPLITUDE^MDT	V^volts^UCUM
Encounter Programmed Tachycardia ATP Therapy Amplitude	Numeric	NM	100169^MDT_PROG_TACHY_ZONE_THERAPIES_7_ATPTHERAPY_AMPLITUDE^MDT	V^volts^UCUM
Encounter Programmed Tachycardia ATP Therapy Amplitude	Numeric	NM	100170^MDT_PROG_TACHY_ZONE_THERAPIES_8_ATPTHERAPY_AMPLITUDE^MDT	V^volts^UCUM
Encounter Programmed Tachycardia ATP Therapy Amplitude	Numeric	NM	100171^MDT_PROG_TACHY_ZONE_THERAPIES_9_ATPTHERAPY_AMPLITUDE^MDT	V^volts^UCUM
Encounter Programmed Tachycardia ATP Therapy Amplitude	Numeric	NM	100172^MDT_PROG_TACHY_ZONE_THERAPIES_10_ATPTHERAPY_AMPLITUDE^MDT	V^volts^UCUM
Encounter Programmed Tachycardia ATP Therapy Amplitude	Numeric	NM	100173^MDT_PROG_TACHY_ZONE_THERAPIES_11_ATPTHERAPY_AMPLITUDE^MDT	V^volts^UCUM
Encounter Programmed Tachycardia ATP Therapy Amplitude	Numeric	NM	100174^MDT_PROG_TACHY_ZONE_THERAPIES_12_ATPTHERAPY_AMPLITUDE^MDT	V^volts^UCUM
Encounter Programmed Tachycardia ATP Therapy Amplitude	Numeric	NM	100175^MDT_PROG_TACHY_ZONE_THERAPIES_13_ATPTHERAPY_AMPLITUDE^MDT	V^volts^UCUM
Encounter Programmed Tachycardia ATP Therapy Amplitude	Numeric	NM	100176^MDT_PROG_TACHY_ZONE_THERAPIES_14_ATPTHERAPY_AMPLITUDE^MDT	V^volts^UCUM
Encounter Programmed Tachycardia	Numeric	NM	100177^MDT_PROG_TACHY_ZONE_THERAPIES_15_ATPTHERAPY_AMPLITUDE^MDT	V^volts^UCUM

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
ATP Therapy Amplitude				
Encounter Programmed Tachycardia ATP Therapy Amplitude	Numeric	NM	100178^MDT_PROG_TACHY_ZONE_THERAPIES_16_ATPTHERAPY_ AMPLITUDE^MDT	V^volts^UCUM
Encounter Programmed Tachycardia ATP Therapy Amplitude	Numeric	NM	100179^MDT_PROG_TACHY_ZONE_THERAPIES_17_ATPTHERAPY_ AMPLITUDE^MDT	V^volts^UCUM
Encounter Programmed Tachycardia ATP Therapy Amplitude	Numeric	NM	100180^MDT_PROG_TACHY_ZONE_THERAPIES_18_ATPTHERAPY_ AMPLITUDE^MDT	V^volts^UCUM
Encounter Programmed Tachycardia ATP Therapy Amplitude	Numeric	NM	100181^MDT_PROG_TACHY_ZONE_THERAPIES_19_ATPTHERAPY_ AMPLITUDE^MDT	V^volts^UCUM
Encounter Programmed Tachycardia ATP Therapy Amplitude	Numeric	NM	100182^MDT_PROG_TACHY_ZONE_THERAPIES_20_ATPTHERAPY_ AMPLITUDE^MDT	V^volts^UCUM
Encounter Programmed Tachycardia ATP Therapy Pulse Width	Numeric	NM	100183^MDT_PROG_TACHY_ZONE_THERAPIES_1_ATPTHERAPY_ PULSEWIDTH^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Pulse Width	Numeric	NM	100184^MDT_PROG_TACHY_ZONE_THERAPIES_2_ATPTHERAPY_ PULSEWIDTH^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Pulse Width	Numeric	NM	100185^MDT_PROG_TACHY_ZONE_THERAPIES_3_ATPTHERAPY_ PULSEWIDTH^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Pulse Width	Numeric	NM	100186^MDT_PROG_TACHY_ZONE_THERAPIES_4_ATPTHERAPY_ PULSEWIDTH^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Pulse Width	Numeric	NM	100187^MDT_PROG_TACHY_ZONE_THERAPIES_5_ATPTHERAPY_ PULSEWIDTH^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Pulse Width	Numeric	NM	100188^MDT_PROG_TACHY_ZONE_THERAPIES_6_ATPTHERAPY_ PULSEWIDTH^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Pulse Width	Numeric	NM	100189^MDT_PROG_TACHY_ZONE_THERAPIES_7_ATPTHERAPY_ PULSEWIDTH^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia	Numeric	NM	100190^MDT_PROG_TACHY_ZONE_THERAPIES_8_ATPTHERAPY_ PULSEWIDTH^MDT	ms^milliseconds^UCUM

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
ATP Therapy Pulse Width				
Encounter Programmed Tachycardia ATP Therapy Pulse Width	Numeric	NM	100191^MDT_PROG_TACHY_ZONE_THERAPIES_9_ATPTHERAPY_ PULSEWIDTH^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Pulse Width	Numeric	NM	100192^MDT_PROG_TACHY_ZONE_THERAPIES_10_ATPTHERAPY_ PULSEWIDTH^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Pulse Width	Numeric	NM	100193^MDT_PROG_TACHY_ZONE_THERAPIES_11_ATPTHERAPY_ PULSEWIDTH^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Pulse Width	Numeric	NM	100194^MDT_PROG_TACHY_ZONE_THERAPIES_12_ATPTHERAPY_ PULSEWIDTH^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Pulse Width	Numeric	NM	100195^MDT_PROG_TACHY_ZONE_THERAPIES_13_ATPTHERAPY_ PULSEWIDTH^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Pulse Width	Numeric	ST	100195^MDT_PROG_TACHY_ZONE_THERAPIES_13_ATPTHERAPY_ PULSEWIDTH^MDT	
Encounter Programmed Tachycardia ATP Therapy Pulse Width	Numeric	NM	100196^MDT_PROG_TACHY_ZONE_THERAPIES_14_ATPTHERAPY_ PULSEWIDTH^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Pulse Width	Numeric	NM	100197^MDT_PROG_TACHY_ZONE_THERAPIES_15_ATPTHERAPY_ PULSEWIDTH^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Pulse Width	Numeric	NM	100198^MDT_PROG_TACHY_ZONE_THERAPIES_16_ATPTHERAPY_ PULSEWIDTH^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Pulse Width	Numeric	NM	100199^MDT_PROG_TACHY_ZONE_THERAPIES_17_ATPTHERAPY_ PULSEWIDTH^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Pulse Width	Numeric	NM	100200^MDT_PROG_TACHY_ZONE_THERAPIES_18_ATPTHERAPY_ PULSEWIDTH^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Pulse Width	Numeric	NM	100201^MDT_PROG_TACHY_ZONE_THERAPIES_19_ATPTHERAPY_ PULSEWIDTH^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia	Numeric	NM	100202^MDT_PROG_TACHY_ZONE_THERAPIES_20_ATPTHERAPY_ PULSEWIDTH^MDT	ms^milliseconds^UCUM

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
ATP Therapy Pulse Width				
Encounter Programmed Tachycardia ATP Therapy Stimuli Count	Numeric	NM	100203^MDT_PROG_TACHY_ZONE_THERAPIES_1_ATPTHERAPY_STIMULICOUNT^MDT	
Encounter Programmed Tachycardia ATP Therapy Stimuli Count	Numeric	NM	100204^MDT_PROG_TACHY_ZONE_THERAPIES_2_ATPTHERAPY_STIMULICOUNT^MDT	
Encounter Programmed Tachycardia ATP Therapy Stimuli Count	Numeric	NM	100205^MDT_PROG_TACHY_ZONE_THERAPIES_3_ATPTHERAPY_STIMULICOUNT^MDT	
Encounter Programmed Tachycardia ATP Therapy Stimuli Count	Numeric	NM	100206^MDT_PROG_TACHY_ZONE_THERAPIES_4_ATPTHERAPY_STIMULICOUNT^MDT	
Encounter Programmed Tachycardia ATP Therapy Stimuli Count	Numeric	NM	100207^MDT_PROG_TACHY_ZONE_THERAPIES_5_ATPTHERAPY_STIMULICOUNT^MDT	
Encounter Programmed Tachycardia ATP Therapy Stimuli Count	Numeric	NM	100208^MDT_PROG_TACHY_ZONE_THERAPIES_6_ATPTHERAPY_STIMULICOUNT^MDT	
Encounter Programmed Tachycardia ATP Therapy Stimuli Count	Numeric	NM	100209^MDT_PROG_TACHY_ZONE_THERAPIES_7_ATPTHERAPY_STIMULICOUNT^MDT	
Encounter Programmed Tachycardia ATP Therapy Stimuli Count	Numeric	NM	100210^MDT_PROG_TACHY_ZONE_THERAPIES_8_ATPTHERAPY_STIMULICOUNT^MDT	
Encounter Programmed Tachycardia ATP Therapy Stimuli Count	Numeric	NM	100211^MDT_PROG_TACHY_ZONE_THERAPIES_9_ATPTHERAPY_STIMULICOUNT^MDT	
Encounter Programmed Tachycardia ATP Therapy Stimuli Count	Numeric	NM	100212^MDT_PROG_TACHY_ZONE_THERAPIES_10_ATPTHERAPY_STIMULICOUNT^MDT	
Encounter Programmed Tachycardia ATP Therapy Stimuli Count	Numeric	NM	100213^MDT_PROG_TACHY_ZONE_THERAPIES_11_ATPTHERAPY_STIMULICOUNT^MDT	
Encounter Programmed Tachycardia ATP Therapy Stimuli Count	Numeric	NM	100214^MDT_PROG_TACHY_ZONE_THERAPIES_12_ATPTHERAPY_STIMULICOUNT^MDT	
Encounter Programmed Tachycardia	Numeric	NM	100215^MDT_PROG_TACHY_ZONE_THERAPIES_13_ATPTHERAPY_STIMULICOUNT^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
ATP Therapy Stimuli Count				
Encounter Programmed Tachycardia ATP Therapy Stimuli Count	Numeric	NM	100216^MDT_PROG_TACHY_ZONE_THERAPIES_14_ATPTHERAPY_ STIMULICOUNT^MDT	
Encounter Programmed Tachycardia ATP Therapy Stimuli Count	Numeric	NM	100217^MDT_PROG_TACHY_ZONE_THERAPIES_15_ATPTHERAPY_ STIMULICOUNT^MDT	
Encounter Programmed Tachycardia ATP Therapy Stimuli Count	Numeric	NM	100218^MDT_PROG_TACHY_ZONE_THERAPIES_16_ATPTHERAPY_ STIMULICOUNT^MDT	
Encounter Programmed Tachycardia ATP Therapy Stimuli Count	Numeric	NM	100219^MDT_PROG_TACHY_ZONE_THERAPIES_17_ATPTHERAPY_ STIMULICOUNT^MDT	
Encounter Programmed Tachycardia ATP Therapy Stimuli Count	Numeric	NM	100220^MDT_PROG_TACHY_ZONE_THERAPIES_18_ATPTHERAPY_ STIMULICOUNT^MDT	
Encounter Programmed Tachycardia ATP Therapy Stimuli Count	Numeric	NM	100221^MDT_PROG_TACHY_ZONE_THERAPIES_19_ATPTHERAPY_ STIMULICOUNT^MDT	
Encounter Programmed Tachycardia ATP Therapy Stimuli Count	Numeric	NM	100222^MDT_PROG_TACHY_ZONE_THERAPIES_20_ATPTHERAPY_ STIMULICOUNT^MDT	
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Length Fixed	Numeric	NM	100223^MDT_PROG_TACHY_ZONE_THERAPIES_1_ATPTHERAPY_ COUPLINGINTERVALLENGTH_FIXED^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Length Fixed	Numeric	NM	100224^MDT_PROG_TACHY_ZONE_THERAPIES_2_ATPTHERAPY_ COUPLINGINTERVALLENGTH_FIXED^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Length Fixed	Numeric	NM	100225^MDT_PROG_TACHY_ZONE_THERAPIES_3_ATPTHERAPY_ COUPLINGINTERVALLENGTH_FIXED^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Length Fixed	Numeric	NM	100226^MDT_PROG_TACHY_ZONE_THERAPIES_4_ATPTHERAPY_ COUPLINGINTERVALLENGTH_FIXED^MDT	ms^milliseconds^UCUM
Encounter Programmed	Numeric	NM	100227^MDT_PROG_TACHY_ZONE_THERAPIES_5_ATPTHERAPY_ COUPLINGINTERVALLENGTH_FIXED^MDT	ms^milliseconds^UCUM

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Tachycardia ATP Therapy Coupling Interval Length Fixed				
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Length Fixed	Numeric	NM	100228^MDT_PROG_TACHY_ZONE_THERAPIES_6_ATPTHERAPY_ COUPLINGINTERVALLENGTH_FIXED^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Length Fixed	Numeric	NM	100229^MDT_PROG_TACHY_ZONE_THERAPIES_7_ATPTHERAPY_ COUPLINGINTERVALLENGTH_FIXED^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Length Fixed	Numeric	NM	100230^MDT_PROG_TACHY_ZONE_THERAPIES_8_ATPTHERAPY_ COUPLINGINTERVALLENGTH_FIXED^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Length Fixed	Numeric	NM	100231^MDT_PROG_TACHY_ZONE_THERAPIES_9_ATPTHERAPY_ COUPLINGINTERVALLENGTH_FIXED^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Length Fixed	Numeric	NM	100232^MDT_PROG_TACHY_ZONE_THERAPIES_10_ATPTHERAPY_ COUPLINGINTERVALLENGTH_FIXED^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Length Fixed	Numeric	NM	100233^MDT_PROG_TACHY_ZONE_THERAPIES_11_ATPTHERAPY_ COUPLINGINTERVALLENGTH_FIXED^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Length Fixed	Numeric	NM	100234^MDT_PROG_TACHY_ZONE_THERAPIES_12_ATPTHERAPY_ COUPLINGINTERVALLENGTH_FIXED^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Length Fixed	Numeric	NM	100235^MDT_PROG_TACHY_ZONE_THERAPIES_13_ATPTHERAPY_ COUPLINGINTERVALLENGTH_FIXED^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Length Fixed	Numeric	NM	100236^MDT_PROG_TACHY_ZONE_THERAPIES_14_ATPTHERAPY_ COUPLINGINTERVALLENGTH_FIXED^MDT	ms^milliseconds^UCUM

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Length Fixed	Numeric	NM	100237^MDT_PROG_TACHY_ZONE_THERAPIES_15_ATPTHERAPY_ COUPLINGINTERVALLENGTH_FIXED^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Length Fixed	Numeric	NM	100238^MDT_PROG_TACHY_ZONE_THERAPIES_16_ATPTHERAPY_ COUPLINGINTERVALLENGTH_FIXED^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Length Fixed	Numeric	NM	100239^MDT_PROG_TACHY_ZONE_THERAPIES_17_ATPTHERAPY_ COUPLINGINTERVALLENGTH_FIXED^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Length Fixed	Numeric	NM	100240^MDT_PROG_TACHY_ZONE_THERAPIES_18_ATPTHERAPY_ COUPLINGINTERVALLENGTH_FIXED^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Length Fixed	Numeric	NM	100241^MDT_PROG_TACHY_ZONE_THERAPIES_19_ATPTHERAPY_ COUPLINGINTERVALLENGTH_FIXED^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Length Fixed	Numeric	NM	100242^MDT_PROG_TACHY_ZONE_THERAPIES_20_ATPTHERAPY_ COUPLINGINTERVALLENGTH_FIXED^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Length Percent	Numeric	NM	100243^MDT_PROG_TACHY_ZONE_THERAPIES_1_ATPTHERAPY_ COUPLINGINTERVALLENGTH_PERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Length Percent	Numeric	NM	100244^MDT_PROG_TACHY_ZONE_THERAPIES_2_ATPTHERAPY_ COUPLINGINTERVALLENGTH_PERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Length Percent	Numeric	NM	100245^MDT_PROG_TACHY_ZONE_THERAPIES_3_ATPTHERAPY_ COUPLINGINTERVALLENGTH_PERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Length Percent	Numeric	NM	100246^MDT_PROG_TACHY_ZONE_THERAPIES_4_ATPTHERAPY_ COUPLINGINTERVALLENGTH_PERCENT^MDT	%^percent^UCUM

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Length Percent	Numeric	NM	100247^MDT_PROG_TACHY_ZONE_THERAPIES_5_ATPTHERAPY_ COUPLINGINTERVALLENGTH_PERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Length Percent	Numeric	NM	100248^MDT_PROG_TACHY_ZONE_THERAPIES_6_ATPTHERAPY_ COUPLINGINTERVALLENGTH_PERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Length Percent	Numeric	NM	100249^MDT_PROG_TACHY_ZONE_THERAPIES_7_ATPTHERAPY_ COUPLINGINTERVALLENGTH_PERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Length Percent	Numeric	NM	100250^MDT_PROG_TACHY_ZONE_THERAPIES_8_ATPTHERAPY_ COUPLINGINTERVALLENGTH_PERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Length Percent	Numeric	NM	100251^MDT_PROG_TACHY_ZONE_THERAPIES_9_ATPTHERAPY_ COUPLINGINTERVALLENGTH_PERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Length Percent	Numeric	NM	100252^MDT_PROG_TACHY_ZONE_THERAPIES_10_ATPTHERAPY_ COUPLINGINTERVALLENGTH_PERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Length Percent	Numeric	NM	100253^MDT_PROG_TACHY_ZONE_THERAPIES_11_ATPTHERAPY_ COUPLINGINTERVALLENGTH_PERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Length Percent	Numeric	NM	100254^MDT_PROG_TACHY_ZONE_THERAPIES_12_ATPTHERAPY_ COUPLINGINTERVALLENGTH_PERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Length Percent	Numeric	NM	100255^MDT_PROG_TACHY_ZONE_THERAPIES_13_ATPTHERAPY_ COUPLINGINTERVALLENGTH_PERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Length Percent	Numeric	NM	100256^MDT_PROG_TACHY_ZONE_THERAPIES_14_ATPTHERAPY_ COUPLINGINTERVALLENGTH_PERCENT^MDT	%^percent^UCUM

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Length Percent	Numeric	NM	100257^MDT_PROG_TACHY_ZONE_THERAPIES_15_ATPTHERAPY_ COUPLINGINTERVALLENGTH_PERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Length Percent	Numeric	NM	100258^MDT_PROG_TACHY_ZONE_THERAPIES_16_ATPTHERAPY_ COUPLINGINTERVALLENGTH_PERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Length Percent	Numeric	NM	100259^MDT_PROG_TACHY_ZONE_THERAPIES_17_ATPTHERAPY_ COUPLINGINTERVALLENGTH_PERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Length Percent	Numeric	NM	100260^MDT_PROG_TACHY_ZONE_THERAPIES_18_ATPTHERAPY_ COUPLINGINTERVALLENGTH_PERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Length Percent	Numeric	NM	100261^MDT_PROG_TACHY_ZONE_THERAPIES_19_ATPTHERAPY_ COUPLINGINTERVALLENGTH_PERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Length Percent	Numeric	NM	100262^MDT_PROG_TACHY_ZONE_THERAPIES_20_ATPTHERAPY_ COUPLINGINTERVALLENGTH_PERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Decrement	Numeric	NM	100263^MDT_PROG_TACHY_ZONE_THERAPIES_1_ATPTHERAPY_ COUPLINGINTERVALDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Decrement	Numeric	NM	100264^MDT_PROG_TACHY_ZONE_THERAPIES_2_ATPTHERAPY_ COUPLINGINTERVALDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Decrement	Numeric	NM	100265^MDT_PROG_TACHY_ZONE_THERAPIES_3_ATPTHERAPY_ COUPLINGINTERVALDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Decrement	Numeric	NM	100266^MDT_PROG_TACHY_ZONE_THERAPIES_4_ATPTHERAPY_ COUPLINGINTERVALDECREMENT^MDT	ms^milliseconds^UCUM

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Decrement	Numeric	NM	100267^MDT_PROG_TACHY_ZONE_THERAPIES_5_ATPTHERAPY_ COUPLINGINTERVALDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Decrement	Numeric	NM	100268^MDT_PROG_TACHY_ZONE_THERAPIES_6_ATPTHERAPY_ COUPLINGINTERVALDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Decrement	Numeric	NM	100269^MDT_PROG_TACHY_ZONE_THERAPIES_7_ATPTHERAPY_ COUPLINGINTERVALDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Decrement	Numeric	NM	100270^MDT_PROG_TACHY_ZONE_THERAPIES_8_ATPTHERAPY_ COUPLINGINTERVALDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Decrement	Numeric	NM	100271^MDT_PROG_TACHY_ZONE_THERAPIES_9_ATPTHERAPY_ COUPLINGINTERVALDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Decrement	Numeric	NM	100272^MDT_PROG_TACHY_ZONE_THERAPIES_10_ATPTHERAPY_ COUPLINGINTERVALDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Decrement	Numeric	NM	100273^MDT_PROG_TACHY_ZONE_THERAPIES_11_ATPTHERAPY_ COUPLINGINTERVALDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Decrement	Numeric	NM	100274^MDT_PROG_TACHY_ZONE_THERAPIES_12_ATPTHERAPY_ COUPLINGINTERVALDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Decrement	Numeric	NM	100275^MDT_PROG_TACHY_ZONE_THERAPIES_13_ATPTHERAPY_ COUPLINGINTERVALDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Decrement	Numeric	NM	100276^MDT_PROG_TACHY_ZONE_THERAPIES_14_ATPTHERAPY_ COUPLINGINTERVALDECREMENT^MDT	ms^milliseconds^UCUM

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Decrement	Numeric	NM	100277^MDT_PROG_TACHY_ZONE_THERAPIES_15_ATPTHERAPY_ COUPLINGINTERVALDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Decrement	Numeric	NM	100278^MDT_PROG_TACHY_ZONE_THERAPIES_16_ATPTHERAPY_ COUPLINGINTERVALDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Decrement	Numeric	NM	100279^MDT_PROG_TACHY_ZONE_THERAPIES_17_ATPTHERAPY_ COUPLINGINTERVALDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Decrement	Numeric	NM	100280^MDT_PROG_TACHY_ZONE_THERAPIES_18_ATPTHERAPY_ COUPLINGINTERVALDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Decrement	Numeric	NM	100281^MDT_PROG_TACHY_ZONE_THERAPIES_19_ATPTHERAPY_ COUPLINGINTERVALDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Coupling Interval Decrement	Numeric	NM	100282^MDT_PROG_TACHY_ZONE_THERAPIES_20_ATPTHERAPY_ COUPLINGINTERVALDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Ramp Decrement	Numeric	NM	100283^MDT_PROG_TACHY_ZONE_THERAPIES_1_ATPTHERAPY_ RAMPDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Ramp Decrement	Numeric	NM	100284^MDT_PROG_TACHY_ZONE_THERAPIES_2_ATPTHERAPY_ RAMPDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Ramp Decrement	Numeric	NM	100285^MDT_PROG_TACHY_ZONE_THERAPIES_3_ATPTHERAPY_ RAMPDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Ramp Decrement	Numeric	NM	100286^MDT_PROG_TACHY_ZONE_THERAPIES_4_ATPTHERAPY_ RAMPDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia	Numeric	NM	100287^MDT_PROG_TACHY_ZONE_THERAPIES_5_ATPTHERAPY_ RAMPDECREMENT^MDT	ms^milliseconds^UCUM

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
ATP Therapy Ramp Decrement				
Encounter Programmed Tachycardia ATP Therapy Ramp Decrement	Numeric	NM	100288^MDT_PROG_TACHY_ZONE_THERAPIES_6_ATPTHERAPY_ RAMPDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Ramp Decrement	Numeric	NM	100289^MDT_PROG_TACHY_ZONE_THERAPIES_7_ATPTHERAPY_ RAMPDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Ramp Decrement	Numeric	NM	100290^MDT_PROG_TACHY_ZONE_THERAPIES_8_ATPTHERAPY_ RAMPDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Ramp Decrement	Numeric	NM	100291^MDT_PROG_TACHY_ZONE_THERAPIES_9_ATPTHERAPY_ RAMPDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Ramp Decrement	Numeric	NM	100292^MDT_PROG_TACHY_ZONE_THERAPIES_10_ATPTHERAPY_ RAMPDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Ramp Decrement	Numeric	NM	100293^MDT_PROG_TACHY_ZONE_THERAPIES_11_ATPTHERAPY_ RAMPDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Ramp Decrement	Numeric	NM	100294^MDT_PROG_TACHY_ZONE_THERAPIES_12_ATPTHERAPY_ RAMPDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Ramp Decrement	Numeric	NM	100295^MDT_PROG_TACHY_ZONE_THERAPIES_13_ATPTHERAPY_ RAMPDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Ramp Decrement	Numeric	NM	100296^MDT_PROG_TACHY_ZONE_THERAPIES_14_ATPTHERAPY_ RAMPDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Ramp Decrement	Numeric	NM	100297^MDT_PROG_TACHY_ZONE_THERAPIES_15_ATPTHERAPY_ RAMPDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy	Numeric	NM	100298^MDT_PROG_TACHY_ZONE_THERAPIES_16_ATPTHERAPY_ RAMPDECREMENT^MDT	ms^milliseconds^UCUM

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Ramp Decrement				
Encounter Programmed Tachycardia ATP Therapy Ramp Decrement	Numeric	NM	100299^MDT_PROG_TACHY_ZONE_THERAPIES_17_ATPTHERAPY_ RAMPDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Ramp Decrement	Numeric	NM	100300^MDT_PROG_TACHY_ZONE_THERAPIES_18_ATPTHERAPY_ RAMPDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Ramp Decrement	Numeric	NM	100301^MDT_PROG_TACHY_ZONE_THERAPIES_19_ATPTHERAPY_ RAMPDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Ramp Decrement	Numeric	NM	100302^MDT_PROG_TACHY_ZONE_THERAPIES_20_ATPTHERAPY_ RAMPDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Minimum Burst Cycle Length	Numeric	NM	100303^MDT_PROG_TACHY_ZONE_THERAPIES_1_ATPTHERAPY_ MINIMUMBURSTCYCLELENGTH^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Minimum Burst Cycle Length	Numeric	NM	100304^MDT_PROG_TACHY_ZONE_THERAPIES_2_ATPTHERAPY_ MINIMUMBURSTCYCLELENGTH^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Minimum Burst Cycle Length	Numeric	NM	100305^MDT_PROG_TACHY_ZONE_THERAPIES_3_ATPTHERAPY_ MINIMUMBURSTCYCLELENGTH^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Minimum Burst Cycle Length	Numeric	NM	100306^MDT_PROG_TACHY_ZONE_THERAPIES_4_ATPTHERAPY_ MINIMUMBURSTCYCLELENGTH^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Minimum Burst Cycle Length	Numeric	NM	100307^MDT_PROG_TACHY_ZONE_THERAPIES_5_ATPTHERAPY_ MINIMUMBURSTCYCLELENGTH^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Minimum Burst Cycle Length	Numeric	NM	100308^MDT_PROG_TACHY_ZONE_THERAPIES_6_ATPTHERAPY_ MINIMUMBURSTCYCLELENGTH^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Minimum Burst Cycle Length	Numeric	NM	100309^MDT_PROG_TACHY_ZONE_THERAPIES_7_ATPTHERAPY_ MINIMUMBURSTCYCLELENGTH^MDT	ms^milliseconds^UCUM

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Programmed Tachycardia ATP Therapy Minimum Burst Cycle Length	Numeric	NM	100310^MDT_PROG_TACHY_ZONE_THERAPIES_8_ATPTHERAPY_ MINIMUMBURSTCYCLELENGTH^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Minimum Burst Cycle Length	Numeric	NM	100311^MDT_PROG_TACHY_ZONE_THERAPIES_9_ATPTHERAPY_ MINIMUMBURSTCYCLELENGTH^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Minimum Burst Cycle Length	Numeric	NM	100312^MDT_PROG_TACHY_ZONE_THERAPIES_10_ATPTHERAPY_ MINIMUMBURSTCYCLELENGTH^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Minimum Burst Cycle Length	Numeric	NM	100313^MDT_PROG_TACHY_ZONE_THERAPIES_11_ATPTHERAPY_ MINIMUMBURSTCYCLELENGTH^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Minimum Burst Cycle Length	Numeric	NM	100314^MDT_PROG_TACHY_ZONE_THERAPIES_12_ATPTHERAPY_ MINIMUMBURSTCYCLELENGTH^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Minimum Burst Cycle Length	Numeric	NM	100315^MDT_PROG_TACHY_ZONE_THERAPIES_13_ATPTHERAPY_ MINIMUMBURSTCYCLELENGTH^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Minimum Burst Cycle Length	Numeric	NM	100316^MDT_PROG_TACHY_ZONE_THERAPIES_14_ATPTHERAPY_ MINIMUMBURSTCYCLELENGTH^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Minimum Burst Cycle Length	Numeric	NM	100317^MDT_PROG_TACHY_ZONE_THERAPIES_15_ATPTHERAPY_ MINIMUMBURSTCYCLELENGTH^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Minimum Burst Cycle Length	Numeric	NM	100318^MDT_PROG_TACHY_ZONE_THERAPIES_16_ATPTHERAPY_ MINIMUMBURSTCYCLELENGTH^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Minimum Burst Cycle Length	Numeric	NM	100319^MDT_PROG_TACHY_ZONE_THERAPIES_17_ATPTHERAPY_ MINIMUMBURSTCYCLELENGTH^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Minimum Burst Cycle Length	Numeric	NM	100320^MDT_PROG_TACHY_ZONE_THERAPIES_18_ATPTHERAPY_ MINIMUMBURSTCYCLELENGTH^MDT	ms^milliseconds^UCUM
Encounter Programmed	Numeric	NM	100321^MDT_PROG_TACHY_ZONE_THERAPIES_19_ATPTHERAPY_ MINIMUMBURSTCYCLELENGTH^MDT	ms^milliseconds^UCUM

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Tachycardia ATP Therapy Minimum Burst Cycle Length				
Encounter Programmed Tachycardia ATP Therapy Minimum Burst Cycle Length	Numeric	NM	100322^MDT_PROG_TACHY_ZONE_THERAPIES_20_ATPTHERAPY_ MINIMUMBURSTCYCLELENGTH^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Number Of Sequences	Numeric	NM	100323^MDT_PROG_TACHY_ZONE_THERAPIES_1_ATPTHERAPY_ NUMBEROFSEQUENCES^MDT	
Encounter Programmed Tachycardia ATP Therapy Number Of Sequences	Numeric	NM	100324^MDT_PROG_TACHY_ZONE_THERAPIES_2_ATPTHERAPY_ NUMBEROFSEQUENCES^MDT	
Encounter Programmed Tachycardia ATP Therapy Number Of Sequences	Numeric	NM	100325^MDT_PROG_TACHY_ZONE_THERAPIES_3_ATPTHERAPY_ NUMBEROFSEQUENCES^MDT	
Encounter Programmed Tachycardia ATP Therapy Number Of Sequences	Numeric	NM	100326^MDT_PROG_TACHY_ZONE_THERAPIES_4_ATPTHERAPY_ NUMBEROFSEQUENCES^MDT	
Encounter Programmed Tachycardia ATP Therapy Number Of Sequences	Numeric	NM	100327^MDT_PROG_TACHY_ZONE_THERAPIES_5_ATPTHERAPY_ NUMBEROFSEQUENCES^MDT	
Encounter Programmed Tachycardia ATP Therapy Number Of Sequences	Numeric	NM	100328^MDT_PROG_TACHY_ZONE_THERAPIES_6_ATPTHERAPY_ NUMBEROFSEQUENCES^MDT	
Encounter Programmed Tachycardia ATP Therapy Number Of Sequences	Numeric	NM	100329^MDT_PROG_TACHY_ZONE_THERAPIES_7_ATPTHERAPY_ NUMBEROFSEQUENCES^MDT	
Encounter Programmed Tachycardia ATP Therapy Number Of Sequences	Numeric	NM	100330^MDT_PROG_TACHY_ZONE_THERAPIES_8_ATPTHERAPY_ NUMBEROFSEQUENCES^MDT	
Encounter Programmed Tachycardia ATP Therapy Number Of Sequences	Numeric	NM	100331^MDT_PROG_TACHY_ZONE_THERAPIES_9_ATPTHERAPY_ NUMBEROFSEQUENCES^MDT	
Encounter Programmed Tachycardia ATP Therapy	Numeric	NM	100332^MDT_PROG_TACHY_ZONE_THERAPIES_10_ATPTHERAPY_ NUMBEROFSEQUENCES^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Number Of Sequences				
Encounter Programmed Tachycardia ATP Therapy Number Of Sequences	Numeric	NM	100333^MDT_PROG_TACHY_ZONE_THERAPIES_11_ATPTHERAPY_ NUMBEROFSEQUENCES^MDT	
Encounter Programmed Tachycardia ATP Therapy Number Of Sequences	Numeric	NM	100334^MDT_PROG_TACHY_ZONE_THERAPIES_12_ATPTHERAPY_ NUMBEROFSEQUENCES^MDT	
Encounter Programmed Tachycardia ATP Therapy Number Of Sequences	Numeric	NM	100335^MDT_PROG_TACHY_ZONE_THERAPIES_13_ATPTHERAPY_ NUMBEROFSEQUENCES^MDT	
Encounter Programmed Tachycardia ATP Therapy Number Of Sequences	Numeric	NM	100336^MDT_PROG_TACHY_ZONE_THERAPIES_14_ATPTHERAPY_ NUMBEROFSEQUENCES^MDT	
Encounter Programmed Tachycardia ATP Therapy Number Of Sequences	Numeric	NM	100337^MDT_PROG_TACHY_ZONE_THERAPIES_15_ATPTHERAPY_ NUMBEROFSEQUENCES^MDT	
Encounter Programmed Tachycardia ATP Therapy Number Of Sequences	Numeric	NM	100338^MDT_PROG_TACHY_ZONE_THERAPIES_16_ATPTHERAPY_ NUMBEROFSEQUENCES^MDT	
Encounter Programmed Tachycardia ATP Therapy Number Of Sequences	Numeric	NM	100339^MDT_PROG_TACHY_ZONE_THERAPIES_17_ATPTHERAPY_ NUMBEROFSEQUENCES^MDT	
Encounter Programmed Tachycardia ATP Therapy Number Of Sequences	Numeric	NM	100340^MDT_PROG_TACHY_ZONE_THERAPIES_18_ATPTHERAPY_ NUMBEROFSEQUENCES^MDT	
Encounter Programmed Tachycardia ATP Therapy Number Of Sequences	Numeric	NM	100341^MDT_PROG_TACHY_ZONE_THERAPIES_19_ATPTHERAPY_ NUMBEROFSEQUENCES^MDT	
Encounter Programmed Tachycardia ATP Therapy Number Of Sequences	Numeric	NM	100342^MDT_PROG_TACHY_ZONE_THERAPIES_20_ATPTHERAPY_ NUMBEROFSEQUENCES^MDT	
Encounter Programmed Tachycardia ATP Therapy Maximum	Numeric	NM	100343^MDT_PROG_TACHY_ZONE_THERAPIES_1_ATPTHERAPY_ MAXIMUMNUMBEROFPULSES^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Number Of Pulses				
Encounter Programmed Tachycardia ATP Therapy Maximum Number Of Pulses	Numeric	NM	100344^MDT_PROG_TACHY_ZONE_THERAPIES_2_ATPTHERAPY_MAXIMUMNUMBEROFPULSES^MDT	
Encounter Programmed Tachycardia ATP Therapy Maximum Number Of Pulses	Numeric	NM	100345^MDT_PROG_TACHY_ZONE_THERAPIES_3_ATPTHERAPY_MAXIMUMNUMBEROFPULSES^MDT	
Encounter Programmed Tachycardia ATP Therapy Maximum Number Of Pulses	Numeric	NM	100346^MDT_PROG_TACHY_ZONE_THERAPIES_4_ATPTHERAPY_MAXIMUMNUMBEROFPULSES^MDT	
Encounter Programmed Tachycardia ATP Therapy Maximum Number Of Pulses	Numeric	NM	100347^MDT_PROG_TACHY_ZONE_THERAPIES_5_ATPTHERAPY_MAXIMUMNUMBEROFPULSES^MDT	
Encounter Programmed Tachycardia ATP Therapy Maximum Number Of Pulses	Numeric	NM	100348^MDT_PROG_TACHY_ZONE_THERAPIES_6_ATPTHERAPY_MAXIMUMNUMBEROFPULSES^MDT	
Encounter Programmed Tachycardia ATP Therapy Maximum Number Of Pulses	Numeric	NM	100349^MDT_PROG_TACHY_ZONE_THERAPIES_7_ATPTHERAPY_MAXIMUMNUMBEROFPULSES^MDT	
Encounter Programmed Tachycardia ATP Therapy Maximum Number Of Pulses	Numeric	NM	100350^MDT_PROG_TACHY_ZONE_THERAPIES_8_ATPTHERAPY_MAXIMUMNUMBEROFPULSES^MDT	
Encounter Programmed Tachycardia ATP Therapy Maximum Number Of Pulses	Numeric	NM	100351^MDT_PROG_TACHY_ZONE_THERAPIES_9_ATPTHERAPY_MAXIMUMNUMBEROFPULSES^MDT	
Encounter Programmed Tachycardia ATP Therapy Maximum Number Of Pulses	Numeric	NM	100352^MDT_PROG_TACHY_ZONE_THERAPIES_10_ATPTHERAPY_MAXIMUMNUMBEROFPULSES^MDT	
Encounter Programmed Tachycardia ATP Therapy	Numeric	NM	100353^MDT_PROG_TACHY_ZONE_THERAPIES_11_ATPTHERAPY_MAXIMUMNUMBEROFPULSES^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Maximum Number Of Pulses				
Encounter Programmed Tachycardia ATP Therapy Maximum Number Of Pulses	Numeric	NM	100354^MDT_PROG_TACHY_ZONE_THERAPIES_12_ATPTHERAPY_ MAXIMUMNUMBEROFPULSES^MDT	
Encounter Programmed Tachycardia ATP Therapy Maximum Number Of Pulses	Numeric	NM	100355^MDT_PROG_TACHY_ZONE_THERAPIES_13_ATPTHERAPY_ MAXIMUMNUMBEROFPULSES^MDT	
Encounter Programmed Tachycardia ATP Therapy Maximum Number Of Pulses	Numeric	NM	100356^MDT_PROG_TACHY_ZONE_THERAPIES_14_ATPTHERAPY_ MAXIMUMNUMBEROFPULSES^MDT	
Encounter Programmed Tachycardia ATP Therapy Maximum Number Of Pulses	Numeric	NM	100357^MDT_PROG_TACHY_ZONE_THERAPIES_15_ATPTHERAPY_ MAXIMUMNUMBEROFPULSES^MDT	
Encounter Programmed Tachycardia ATP Therapy Maximum Number Of Pulses	Numeric	NM	100358^MDT_PROG_TACHY_ZONE_THERAPIES_16_ATPTHERAPY_ MAXIMUMNUMBEROFPULSES^MDT	
Encounter Programmed Tachycardia ATP Therapy Maximum Number Of Pulses	Numeric	NM	100359^MDT_PROG_TACHY_ZONE_THERAPIES_17_ATPTHERAPY_ MAXIMUMNUMBEROFPULSES^MDT	
Encounter Programmed Tachycardia ATP Therapy Maximum Number Of Pulses	Numeric	NM	100360^MDT_PROG_TACHY_ZONE_THERAPIES_18_ATPTHERAPY_ MAXIMUMNUMBEROFPULSES^MDT	
Encounter Programmed Tachycardia ATP Therapy Maximum Number Of Pulses	Numeric	NM	100361^MDT_PROG_TACHY_ZONE_THERAPIES_19_ATPTHERAPY_ MAXIMUMNUMBEROFPULSES^MDT	
Encounter Programmed Tachycardia ATP Therapy Maximum Number Of Pulses	Numeric	NM	100362^MDT_PROG_TACHY_ZONE_THERAPIES_20_ATPTHERAPY_ MAXIMUMNUMBEROFPULSES^MDT	
Encounter Programmed Tachycardia	Numeric	NM	100363^MDT_PROG_TACHY_ZONE_THERAPIES_1_ATPTHERAPY_ PULSEINCREMENT^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
ATP Therapy Pulse Increment				
Encounter Programmed Tachycardia ATP Therapy Pulse Increment	Numeric	NM	100364^MDT_PROG_TACHY_ZONE_THERAPIES_2_ATPTHERAPY_PULSEINCREMENT^MDT	
Encounter Programmed Tachycardia ATP Therapy Pulse Increment	Numeric	NM	100365^MDT_PROG_TACHY_ZONE_THERAPIES_3_ATPTHERAPY_PULSEINCREMENT^MDT	
Encounter Programmed Tachycardia ATP Therapy Pulse Increment	Numeric	NM	100366^MDT_PROG_TACHY_ZONE_THERAPIES_4_ATPTHERAPY_PULSEINCREMENT^MDT	
Encounter Programmed Tachycardia ATP Therapy Pulse Increment	Numeric	NM	100367^MDT_PROG_TACHY_ZONE_THERAPIES_5_ATPTHERAPY_PULSEINCREMENT^MDT	
Encounter Programmed Tachycardia ATP Therapy Pulse Increment	Numeric	NM	100368^MDT_PROG_TACHY_ZONE_THERAPIES_6_ATPTHERAPY_PULSEINCREMENT^MDT	
Encounter Programmed Tachycardia ATP Therapy Pulse Increment	Numeric	NM	100369^MDT_PROG_TACHY_ZONE_THERAPIES_7_ATPTHERAPY_PULSEINCREMENT^MDT	
Encounter Programmed Tachycardia ATP Therapy Pulse Increment	Numeric	NM	100370^MDT_PROG_TACHY_ZONE_THERAPIES_8_ATPTHERAPY_PULSEINCREMENT^MDT	
Encounter Programmed Tachycardia ATP Therapy Pulse Increment	Numeric	NM	100371^MDT_PROG_TACHY_ZONE_THERAPIES_9_ATPTHERAPY_PULSEINCREMENT^MDT	
Encounter Programmed Tachycardia ATP Therapy Pulse Increment	Numeric	NM	100372^MDT_PROG_TACHY_ZONE_THERAPIES_10_ATPTHERAPY_PULSEINCREMENT^MDT	
Encounter Programmed Tachycardia ATP Therapy Pulse Increment	Numeric	NM	100373^MDT_PROG_TACHY_ZONE_THERAPIES_11_ATPTHERAPY_PULSEINCREMENT^MDT	
Encounter Programmed Tachycardia ATP Therapy	Numeric	NM	100374^MDT_PROG_TACHY_ZONE_THERAPIES_12_ATPTHERAPY_PULSEINCREMENT^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Pulse Increment				
Encounter Programmed Tachycardia ATP Therapy Pulse Increment	Numeric	NM	100375^MDT_PROG_TACHY_ZONE_THERAPIES_13_ATPTHERAPY_ PULSEINCREMENT^MDT	
Encounter Programmed Tachycardia ATP Therapy Pulse Increment	Numeric	NM	100376^MDT_PROG_TACHY_ZONE_THERAPIES_14_ATPTHERAPY_ PULSEINCREMENT^MDT	
Encounter Programmed Tachycardia ATP Therapy Pulse Increment	Numeric	NM	100377^MDT_PROG_TACHY_ZONE_THERAPIES_15_ATPTHERAPY_ PULSEINCREMENT^MDT	
Encounter Programmed Tachycardia ATP Therapy Pulse Increment	Numeric	NM	100378^MDT_PROG_TACHY_ZONE_THERAPIES_16_ATPTHERAPY_ PULSEINCREMENT^MDT	
Encounter Programmed Tachycardia ATP Therapy Pulse Increment	Numeric	NM	100379^MDT_PROG_TACHY_ZONE_THERAPIES_17_ATPTHERAPY_ PULSEINCREMENT^MDT	
Encounter Programmed Tachycardia ATP Therapy Pulse Increment	Numeric	NM	100380^MDT_PROG_TACHY_ZONE_THERAPIES_18_ATPTHERAPY_ PULSEINCREMENT^MDT	
Encounter Programmed Tachycardia ATP Therapy Pulse Increment	Numeric	NM	100381^MDT_PROG_TACHY_ZONE_THERAPIES_19_ATPTHERAPY_ PULSEINCREMENT^MDT	
Encounter Programmed Tachycardia ATP Therapy Pulse Increment	Numeric	NM	100382^MDT_PROG_TACHY_ZONE_THERAPIES_20_ATPTHERAPY_ PULSEINCREMENT^MDT	
Encounter Programmed Tachycardia ATP Therapy Scan Decrement	Numeric	NM	100383^MDT_PROG_TACHY_ZONE_THERAPIES_1_ATPTHERAPY_ SCANDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Scan Decrement	Numeric	NM	100384^MDT_PROG_TACHY_ZONE_THERAPIES_2_ATPTHERAPY_ SCANDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Scan Decrement	Numeric	NM	100385^MDT_PROG_TACHY_ZONE_THERAPIES_3_ATPTHERAPY_ SCANDECREMENT^MDT	ms^milliseconds^UCUM

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Programmed Tachycardia ATP Therapy Scan Decrement	Numeric	NM	100386^MDT_PROG_TACHY_ZONE_THERAPIES_4_ATPTHERAPY_ SCANDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Scan Decrement	Numeric	NM	100387^MDT_PROG_TACHY_ZONE_THERAPIES_5_ATPTHERAPY_ SCANDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Scan Decrement	Numeric	NM	100388^MDT_PROG_TACHY_ZONE_THERAPIES_6_ATPTHERAPY_ SCANDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Scan Decrement	Numeric	NM	100389^MDT_PROG_TACHY_ZONE_THERAPIES_7_ATPTHERAPY_ SCANDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Scan Decrement	Numeric	NM	100390^MDT_PROG_TACHY_ZONE_THERAPIES_8_ATPTHERAPY_ SCANDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Scan Decrement	Numeric	NM	100391^MDT_PROG_TACHY_ZONE_THERAPIES_9_ATPTHERAPY_ SCANDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Scan Decrement	Numeric	NM	100392^MDT_PROG_TACHY_ZONE_THERAPIES_10_ATPTHERAPY_ SCANDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Scan Decrement	Numeric	NM	100393^MDT_PROG_TACHY_ZONE_THERAPIES_11_ATPTHERAPY_ SCANDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Scan Decrement	Numeric	NM	100394^MDT_PROG_TACHY_ZONE_THERAPIES_12_ATPTHERAPY_ SCANDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Scan Decrement	Numeric	NM	100395^MDT_PROG_TACHY_ZONE_THERAPIES_13_ATPTHERAPY_ SCANDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Scan Decrement	Numeric	NM	100396^MDT_PROG_TACHY_ZONE_THERAPIES_14_ATPTHERAPY_ SCANDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed	Numeric	NM	100397^MDT_PROG_TACHY_ZONE_THERAPIES_15_ATPTHERAPY_ SCANDECREMENT^MDT	ms^milliseconds^UCUM

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Tachycardia ATP Therapy Scan Decrement				
Encounter Programmed Tachycardia ATP Therapy Scan Decrement	Numeric	NM	100398^MDT_PROG_TACHY_ZONE_THERAPIES_16_ATPTHERAPY_ SCANDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Scan Decrement	Numeric	NM	100399^MDT_PROG_TACHY_ZONE_THERAPIES_17_ATPTHERAPY_ SCANDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Scan Decrement	Numeric	NM	100400^MDT_PROG_TACHY_ZONE_THERAPIES_18_ATPTHERAPY_ SCANDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Scan Decrement	Numeric	NM	100401^MDT_PROG_TACHY_ZONE_THERAPIES_19_ATPTHERAPY_ SCANDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Scan Decrement	Numeric	NM	100402^MDT_PROG_TACHY_ZONE_THERAPIES_20_ATPTHERAPY_ SCANDECREMENT^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Smart Mode	String 50	ST	100403^MDT_PROG_TACHY_ZONE_THERAPIES_1_ATPTHERAPY_ SMARTMODE^MDT	
Encounter Programmed Tachycardia ATP Therapy Smart Mode	String 50	ST	100404^MDT_PROG_TACHY_ZONE_THERAPIES_2_ATPTHERAPY_ SMARTMODE^MDT	
Encounter Programmed Tachycardia ATP Therapy Smart Mode	String 50	ST	100405^MDT_PROG_TACHY_ZONE_THERAPIES_3_ATPTHERAPY_ SMARTMODE^MDT	
Encounter Programmed Tachycardia ATP Therapy Smart Mode	String 50	ST	100406^MDT_PROG_TACHY_ZONE_THERAPIES_4_ATPTHERAPY_ SMARTMODE^MDT	
Encounter Programmed Tachycardia ATP Therapy Smart Mode	String 50	ST	100407^MDT_PROG_TACHY_ZONE_THERAPIES_5_ATPTHERAPY_ SMARTMODE^MDT	
Encounter Programmed Tachycardia ATP Therapy Smart Mode	String 50	ST	100408^MDT_PROG_TACHY_ZONE_THERAPIES_6_ATPTHERAPY_ SMARTMODE^MDT	
Encounter Programmed Tachycardia	String 50	ST	100409^MDT_PROG_TACHY_ZONE_THERAPIES_7_ATPTHERAPY_ SMARTMODE^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
ATP Therapy Smart Mode				
Encounter Programmed Tachycardia ATP Therapy Smart Mode	String 50	ST	100410^MDT_PROG_TACHY_ZONE_THERAPIES_8_ATPTHERAPY_ SMARTMODE^MDT	
Encounter Programmed Tachycardia ATP Therapy Smart Mode	String 50	ST	100411^MDT_PROG_TACHY_ZONE_THERAPIES_9_ATPTHERAPY_ SMARTMODE^MDT	
Encounter Programmed Tachycardia ATP Therapy Smart Mode	String 50	ST	100412^MDT_PROG_TACHY_ZONE_THERAPIES_10_ATPTHERAPY_ SMARTMODE^MDT	
Encounter Programmed Tachycardia ATP Therapy Smart Mode	String 50	ST	100413^MDT_PROG_TACHY_ZONE_THERAPIES_11_ATPTHERAPY_ SMARTMODE^MDT	
Encounter Programmed Tachycardia ATP Therapy Smart Mode	String 50	ST	100414^MDT_PROG_TACHY_ZONE_THERAPIES_12_ATPTHERAPY_ SMARTMODE^MDT	
Encounter Programmed Tachycardia ATP Therapy Smart Mode	String 50	ST	100415^MDT_PROG_TACHY_ZONE_THERAPIES_13_ATPTHERAPY_ SMARTMODE^MDT	
Encounter Programmed Tachycardia ATP Therapy Smart Mode	String 50	ST	100416^MDT_PROG_TACHY_ZONE_THERAPIES_14_ATPTHERAPY_ SMARTMODE^MDT	
Encounter Programmed Tachycardia ATP Therapy Smart Mode	String 50	ST	100417^MDT_PROG_TACHY_ZONE_THERAPIES_15_ATPTHERAPY_ SMARTMODE^MDT	
Encounter Programmed Tachycardia ATP Therapy Smart Mode	String 50	ST	100418^MDT_PROG_TACHY_ZONE_THERAPIES_16_ATPTHERAPY_ SMARTMODE^MDT	
Encounter Programmed Tachycardia ATP Therapy Smart Mode	String 50	ST	100419^MDT_PROG_TACHY_ZONE_THERAPIES_17_ATPTHERAPY_ SMARTMODE^MDT	
Encounter Programmed Tachycardia ATP Therapy Smart Mode	String 50	ST	100420^MDT_PROG_TACHY_ZONE_THERAPIES_18_ATPTHERAPY_ SMARTMODE^MDT	
Encounter Programmed Tachycardia ATP Therapy Smart Mode	String 50	ST	100421^MDT_PROG_TACHY_ZONE_THERAPIES_19_ATPTHERAPY_ SMARTMODE^MDT	
Encounter Programmed Tachycardia	String 50	ST	100422^MDT_PROG_TACHY_ZONE_THERAPIES_20_ATPTHERAPY_ SMARTMODE^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
ATP Therapy Smart Mode				
Encounter Programmed Tachycardia ATP Therapy Disabled By Smart Mode	ENUM	ST	100423^MDT_PROG_TACHY_ZONE_THERAPIES_1_ATPTHERAPY_ THERAPYDISABLEDBYSMARTMODE^MDT	
Encounter Programmed Tachycardia ATP Therapy Disabled By Smart Mode	ENUM	ST	100424^MDT_PROG_TACHY_ZONE_THERAPIES_2_ATPTHERAPY_ THERAPYDISABLEDBYSMARTMODE^MDT	
Encounter Programmed Tachycardia ATP Therapy Disabled By Smart Mode	ENUM	ST	100425^MDT_PROG_TACHY_ZONE_THERAPIES_3_ATPTHERAPY_ THERAPYDISABLEDBYSMARTMODE^MDT	
Encounter Programmed Tachycardia ATP Therapy Disabled By Smart Mode	ENUM	ST	100426^MDT_PROG_TACHY_ZONE_THERAPIES_4_ATPTHERAPY_ THERAPYDISABLEDBYSMARTMODE^MDT	
Encounter Programmed Tachycardia ATP Therapy Disabled By Smart Mode	ENUM	ST	100427^MDT_PROG_TACHY_ZONE_THERAPIES_5_ATPTHERAPY_ THERAPYDISABLEDBYSMARTMODE^MDT	
Encounter Programmed Tachycardia ATP Therapy Disabled By Smart Mode	ENUM	ST	100428^MDT_PROG_TACHY_ZONE_THERAPIES_6_ATPTHERAPY_ THERAPYDISABLEDBYSMARTMODE^MDT	
Encounter Programmed Tachycardia ATP Therapy Disabled By Smart Mode	ENUM	ST	100429^MDT_PROG_TACHY_ZONE_THERAPIES_7_ATPTHERAPY_ THERAPYDISABLEDBYSMARTMODE^MDT	
Encounter Programmed Tachycardia ATP Therapy Disabled By Smart Mode	ENUM	ST	100430^MDT_PROG_TACHY_ZONE_THERAPIES_8_ATPTHERAPY_ THERAPYDISABLEDBYSMARTMODE^MDT	
Encounter Programmed Tachycardia ATP Therapy Disabled By Smart Mode	ENUM	ST	100431^MDT_PROG_TACHY_ZONE_THERAPIES_9_ATPTHERAPY_ THERAPYDISABLEDBYSMARTMODE^MDT	
Encounter Programmed Tachycardia ATP Therapy Disabled By Smart Mode	ENUM	ST	100432^MDT_PROG_TACHY_ZONE_THERAPIES_10_ATPTHERAPY_ THERAPYDISABLEDBYSMARTMODE^MDT	
Encounter Programmed Tachycardia ATP Therapy Disabled By Smart Mode	ENUM	ST	100433^MDT_PROG_TACHY_ZONE_THERAPIES_11_ATPTHERAPY_ THERAPYDISABLEDBYSMARTMODE^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Programmed Tachycardia ATP Therapy Disabled By Smart Mode	ENUM	ST	100434^MDT_PROG_TACHY_ZONE_THERAPIES_12_ATPTHERAPY_ THERAPYDISABLEDBYSMARTMODE^MDT	
Encounter Programmed Tachycardia ATP Therapy Disabled By Smart Mode	ENUM	ST	100435^MDT_PROG_TACHY_ZONE_THERAPIES_13_ATPTHERAPY_ THERAPYDISABLEDBYSMARTMODE^MDT	
Encounter Programmed Tachycardia ATP Therapy Disabled By Smart Mode	ENUM	ST	100436^MDT_PROG_TACHY_ZONE_THERAPIES_14_ATPTHERAPY_ THERAPYDISABLEDBYSMARTMODE^MDT	
Encounter Programmed Tachycardia ATP Therapy Disabled By Smart Mode	ENUM	ST	100437^MDT_PROG_TACHY_ZONE_THERAPIES_15_ATPTHERAPY_ THERAPYDISABLEDBYSMARTMODE^MDT	
Encounter Programmed Tachycardia ATP Therapy Disabled By Smart Mode	ENUM	ST	100438^MDT_PROG_TACHY_ZONE_THERAPIES_16_ATPTHERAPY_ THERAPYDISABLEDBYSMARTMODE^MDT	
Encounter Programmed Tachycardia ATP Therapy Disabled By Smart Mode	ENUM	ST	100439^MDT_PROG_TACHY_ZONE_THERAPIES_17_ATPTHERAPY_ THERAPYDISABLEDBYSMARTMODE^MDT	
Encounter Programmed Tachycardia ATP Therapy Disabled By Smart Mode	ENUM	ST	100440^MDT_PROG_TACHY_ZONE_THERAPIES_18_ATPTHERAPY_ THERAPYDISABLEDBYSMARTMODE^MDT	
Encounter Programmed Tachycardia ATP Therapy Disabled By Smart Mode	ENUM	ST	100441^MDT_PROG_TACHY_ZONE_THERAPIES_19_ATPTHERAPY_ THERAPYDISABLEDBYSMARTMODE^MDT	
Encounter Programmed Tachycardia ATP Therapy Disabled By Smart Mode	ENUM	ST	100442^MDT_PROG_TACHY_ZONE_THERAPIES_20_ATPTHERAPY_ THERAPYDISABLEDBYSMARTMODE^MDT	
Encounter Programmed Tachycardia ATP Therapy Burst Cycle Length Fixed	Numeric	NM	100443^MDT_PROG_TACHY_ZONE_THERAPIES_1_ATPTHERAPY_ BURSTCYCLELENGTH_FIXED^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Burst Cycle Length Fixed	Numeric	NM	100444^MDT_PROG_TACHY_ZONE_THERAPIES_2_ATPTHERAPY_ BURSTCYCLELENGTH_FIXED^MDT	ms^milliseconds^UCUM
Encounter Programmed	Numeric	NM	100445^MDT_PROG_TACHY_ZONE_THERAPIES_3_ATPTHERAPY_ BURSTCYCLELENGTH_FIXED^MDT	ms^milliseconds^UCUM

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Tachycardia ATP Therapy Burst Cycle Length Fixed				
Encounter Programmed Tachycardia ATP Therapy Burst Cycle Length Fixed	Numeric	NM	100446^MDT_PROG_TACHY_ZONE_THERAPIES_4_ATPTHERAPY_ BURSTCYCLELENGTH_FIXED^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Burst Cycle Length Fixed	Numeric	NM	100447^MDT_PROG_TACHY_ZONE_THERAPIES_5_ATPTHERAPY_ BURSTCYCLELENGTH_FIXED^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Burst Cycle Length Fixed	Numeric	NM	100448^MDT_PROG_TACHY_ZONE_THERAPIES_6_ATPTHERAPY_ BURSTCYCLELENGTH_FIXED^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Burst Cycle Length Fixed	Numeric	NM	100449^MDT_PROG_TACHY_ZONE_THERAPIES_7_ATPTHERAPY_ BURSTCYCLELENGTH_FIXED^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Burst Cycle Length Fixed	Numeric	NM	100450^MDT_PROG_TACHY_ZONE_THERAPIES_8_ATPTHERAPY_ BURSTCYCLELENGTH_FIXED^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Burst Cycle Length Fixed	Numeric	NM	100451^MDT_PROG_TACHY_ZONE_THERAPIES_9_ATPTHERAPY_ BURSTCYCLELENGTH_FIXED^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Burst Cycle Length Fixed	Numeric	NM	100452^MDT_PROG_TACHY_ZONE_THERAPIES_10_ATPTHERAPY_ BURSTCYCLELENGTH_FIXED^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Burst Cycle Length Fixed	Numeric	NM	100453^MDT_PROG_TACHY_ZONE_THERAPIES_11_ATPTHERAPY_ BURSTCYCLELENGTH_FIXED^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Burst Cycle Length Fixed	Numeric	NM	100454^MDT_PROG_TACHY_ZONE_THERAPIES_12_ATPTHERAPY_ BURSTCYCLELENGTH_FIXED^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Burst Cycle Length Fixed	Numeric	NM	100455^MDT_PROG_TACHY_ZONE_THERAPIES_13_ATPTHERAPY_ BURSTCYCLELENGTH_FIXED^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy	Numeric	NM	100456^MDT_PROG_TACHY_ZONE_THERAPIES_14_ATPTHERAPY_ BURSTCYCLELENGTH_FIXED^MDT	ms^milliseconds^UCUM

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Burst Cycle Length Fixed				
Encounter Programmed Tachycardia ATP Therapy Burst Cycle Length Fixed	Numeric	NM	100457^MDT_PROG_TACHY_ZONE_THERAPIES_15_ATPTHERAPY_ BURSTCYCLELENGTH_FIXED^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Burst Cycle Length Fixed	Numeric	NM	100458^MDT_PROG_TACHY_ZONE_THERAPIES_16_ATPTHERAPY_ BURSTCYCLELENGTH_FIXED^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Burst Cycle Length Fixed	Numeric	NM	100459^MDT_PROG_TACHY_ZONE_THERAPIES_17_ATPTHERAPY_ BURSTCYCLELENGTH_FIXED^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Burst Cycle Length Fixed	Numeric	NM	100460^MDT_PROG_TACHY_ZONE_THERAPIES_18_ATPTHERAPY_ BURSTCYCLELENGTH_FIXED^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Burst Cycle Length Fixed	Numeric	NM	100461^MDT_PROG_TACHY_ZONE_THERAPIES_19_ATPTHERAPY_ BURSTCYCLELENGTH_FIXED^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Burst Cycle Length Fixed	Numeric	NM	100462^MDT_PROG_TACHY_ZONE_THERAPIES_20_ATPTHERAPY_ BURSTCYCLELENGTH_FIXED^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia ATP Therapy Burst Cycle Length Percent	Numeric	NM	100463^MDT_PROG_TACHY_ZONE_THERAPIES_1_ATPTHERAPY_ BURSTCYCLELENGTH_PERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy Burst Cycle Length Percent	Numeric	NM	100464^MDT_PROG_TACHY_ZONE_THERAPIES_2_ATPTHERAPY_ BURSTCYCLELENGTH_PERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy Burst Cycle Length Percent	Numeric	NM	100465^MDT_PROG_TACHY_ZONE_THERAPIES_3_ATPTHERAPY_ BURSTCYCLELENGTH_PERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy Burst Cycle Length Percent	Numeric	NM	100466^MDT_PROG_TACHY_ZONE_THERAPIES_4_ATPTHERAPY_ BURSTCYCLELENGTH_PERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy Burst Cycle Length Percent	Numeric	NM	100467^MDT_PROG_TACHY_ZONE_THERAPIES_5_ATPTHERAPY_ BURSTCYCLELENGTH_PERCENT^MDT	%^percent^UCUM

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Programmed Tachycardia ATP Therapy Burst Cycle Length Percent	Numeric	NM	100468^MDT_PROG_TACHY_ZONE_THERAPIES_6_ATPTHERAPY_ BURSTCYCLELENGTH_PERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy Burst Cycle Length Percent	Numeric	NM	100469^MDT_PROG_TACHY_ZONE_THERAPIES_7_ATPTHERAPY_ BURSTCYCLELENGTH_PERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy Burst Cycle Length Percent	Numeric	NM	100470^MDT_PROG_TACHY_ZONE_THERAPIES_8_ATPTHERAPY_ BURSTCYCLELENGTH_PERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy Burst Cycle Length Percent	Numeric	NM	100471^MDT_PROG_TACHY_ZONE_THERAPIES_9_ATPTHERAPY_ BURSTCYCLELENGTH_PERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy Burst Cycle Length Percent	Numeric	NM	100472^MDT_PROG_TACHY_ZONE_THERAPIES_10_ATPTHERAPY_ BURSTCYCLELENGTH_PERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy Burst Cycle Length Percent	Numeric	NM	100473^MDT_PROG_TACHY_ZONE_THERAPIES_11_ATPTHERAPY_ BURSTCYCLELENGTH_PERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy Burst Cycle Length Percent	Numeric	NM	100474^MDT_PROG_TACHY_ZONE_THERAPIES_12_ATPTHERAPY_ BURSTCYCLELENGTH_PERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy Burst Cycle Length Percent	Numeric	NM	100475^MDT_PROG_TACHY_ZONE_THERAPIES_13_ATPTHERAPY_ BURSTCYCLELENGTH_PERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy Burst Cycle Length Percent	Numeric	NM	100476^MDT_PROG_TACHY_ZONE_THERAPIES_14_ATPTHERAPY_ BURSTCYCLELENGTH_PERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy Burst Cycle Length Percent	Numeric	NM	100477^MDT_PROG_TACHY_ZONE_THERAPIES_15_ATPTHERAPY_ BURSTCYCLELENGTH_PERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy Burst Cycle Length Percent	Numeric	NM	100478^MDT_PROG_TACHY_ZONE_THERAPIES_16_ATPTHERAPY_ BURSTCYCLELENGTH_PERCENT^MDT	%^percent^UCUM
Encounter Programmed	Numeric	NM	100479^MDT_PROG_TACHY_ZONE_THERAPIES_17_ATPTHERAPY_ BURSTCYCLELENGTH_PERCENT^MDT	%^percent^UCUM

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Tachycardia ATP Therapy Burst Cycle Length Percent				
Encounter Programmed Tachycardia ATP Therapy Burst Cycle Length Percent	Numeric	NM	100480^MDT_PROG_TACHY_ZONE_THERAPIES_18_ATPTHERAPY_BURSTCYCLELENGTH_PERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy Burst Cycle Length Percent	Numeric	NM	100481^MDT_PROG_TACHY_ZONE_THERAPIES_19_ATPTHERAPY_BURSTCYCLELENGTH_PERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy Burst Cycle Length Percent	Numeric	NM	100482^MDT_PROG_TACHY_ZONE_THERAPIES_20_ATPTHERAPY_BURSTCYCLELENGTH_PERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy S1S2 Ramp Percent	Numeric	NM	100483^MDT_PROG_TACHY_ZONE_THERAPIES_1_ATPTHERAPY_S1S2RAMPPERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy S1S2 Ramp Percent	Numeric	NM	100484^MDT_PROG_TACHY_ZONE_THERAPIES_2_ATPTHERAPY_S1S2RAMPPERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy S1S2 Ramp Percent	Numeric	NM	100485^MDT_PROG_TACHY_ZONE_THERAPIES_3_ATPTHERAPY_S1S2RAMPPERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy S1S2 Ramp Percent	Numeric	NM	100486^MDT_PROG_TACHY_ZONE_THERAPIES_4_ATPTHERAPY_S1S2RAMPPERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy S1S2 Ramp Percent	Numeric	NM	100487^MDT_PROG_TACHY_ZONE_THERAPIES_5_ATPTHERAPY_S1S2RAMPPERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy S1S2 Ramp Percent	Numeric	NM	100488^MDT_PROG_TACHY_ZONE_THERAPIES_6_ATPTHERAPY_S1S2RAMPPERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy S1S2 Ramp Percent	Numeric	NM	100489^MDT_PROG_TACHY_ZONE_THERAPIES_7_ATPTHERAPY_S1S2RAMPPERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy	Numeric	NM	100490^MDT_PROG_TACHY_ZONE_THERAPIES_8_ATPTHERAPY_S1S2RAMPPERCENT^MDT	%^percent^UCUM

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
S1S2 Ramp Percent				
Encounter Programmed Tachycardia ATP Therapy S1S2 Ramp Percent	Numeric	NM	100491^MDT_PROG_TACHY_ZONE_THERAPIES_9_ATPTHERAPY_S1S2RAMPPERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy S1S2 Ramp Percent	Numeric	NM	100492^MDT_PROG_TACHY_ZONE_THERAPIES_10_ATPTHERAPY_S1S2RAMPPERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy S1S2 Ramp Percent	Numeric	NM	100493^MDT_PROG_TACHY_ZONE_THERAPIES_11_ATPTHERAPY_S1S2RAMPPERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy S1S2 Ramp Percent	Numeric	NM	100494^MDT_PROG_TACHY_ZONE_THERAPIES_12_ATPTHERAPY_S1S2RAMPPERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy S1S2 Ramp Percent	Numeric	NM	100495^MDT_PROG_TACHY_ZONE_THERAPIES_13_ATPTHERAPY_S1S2RAMPPERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy S1S2 Ramp Percent	Numeric	NM	100496^MDT_PROG_TACHY_ZONE_THERAPIES_14_ATPTHERAPY_S1S2RAMPPERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy S1S2 Ramp Percent	Numeric	NM	100497^MDT_PROG_TACHY_ZONE_THERAPIES_15_ATPTHERAPY_S1S2RAMPPERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy S1S2 Ramp Percent	Numeric	NM	100498^MDT_PROG_TACHY_ZONE_THERAPIES_16_ATPTHERAPY_S1S2RAMPPERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy S1S2 Ramp Percent	Numeric	NM	100499^MDT_PROG_TACHY_ZONE_THERAPIES_17_ATPTHERAPY_S1S2RAMPPERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy S1S2 Ramp Percent	Numeric	NM	100500^MDT_PROG_TACHY_ZONE_THERAPIES_18_ATPTHERAPY_S1S2RAMPPERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy S1S2 Ramp Percent	Numeric	NM	100501^MDT_PROG_TACHY_ZONE_THERAPIES_19_ATPTHERAPY_S1S2RAMPPERCENT^MDT	%^percent^UCUM

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Programmed Tachycardia ATP Therapy S1S2 Ramp Percent	Numeric	NM	100502^MDT_PROG_TACHY_ZONE_THERAPIES_20_ATPTHERAPY_ S1S2RAMPPERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy S2SN Ramp Percent	Numeric	NM	100503^MDT_PROG_TACHY_ZONE_THERAPIES_1_ATPTHERAPY_ S2SNRAMPPERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy S2SN Ramp Percent	Numeric	NM	100504^MDT_PROG_TACHY_ZONE_THERAPIES_2_ATPTHERAPY_ S2SNRAMPPERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy S2SN Ramp Percent	Numeric	NM	100505^MDT_PROG_TACHY_ZONE_THERAPIES_3_ATPTHERAPY_ S2SNRAMPPERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy S2SN Ramp Percent	Numeric	NM	100506^MDT_PROG_TACHY_ZONE_THERAPIES_4_ATPTHERAPY_ S2SNRAMPPERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy S2SN Ramp Percent	Numeric	NM	100507^MDT_PROG_TACHY_ZONE_THERAPIES_5_ATPTHERAPY_ S2SNRAMPPERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy S2SN Ramp Percent	Numeric	NM	100508^MDT_PROG_TACHY_ZONE_THERAPIES_6_ATPTHERAPY_ S2SNRAMPPERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy S2SN Ramp Percent	Numeric	NM	100509^MDT_PROG_TACHY_ZONE_THERAPIES_7_ATPTHERAPY_ S2SNRAMPPERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy S2SN Ramp Percent	Numeric	NM	100510^MDT_PROG_TACHY_ZONE_THERAPIES_8_ATPTHERAPY_ S2SNRAMPPERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy S2SN Ramp Percent	Numeric	NM	100511^MDT_PROG_TACHY_ZONE_THERAPIES_9_ATPTHERAPY_ S2SNRAMPPERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy S2SN Ramp Percent	Numeric	NM	100512^MDT_PROG_TACHY_ZONE_THERAPIES_10_ATPTHERAPY_ S2SNRAMPPERCENT^MDT	%^percent^UCUM
Encounter Programmed	Numeric	NM	100513^MDT_PROG_TACHY_ZONE_THERAPIES_11_ATPTHERAPY_ S2SNRAMPPERCENT^MDT	%^percent^UCUM

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Tachycardia ATP Therapy S2SN Ramp Percent				
Encounter Programmed Tachycardia ATP Therapy S2SN Ramp Percent	Numeric	NM	100514^MDT_PROG_TACHY_ZONE_THERAPIES_12_ATPTHERAPY_ S2SNRAMPPERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy S2SN Ramp Percent	Numeric	NM	100515^MDT_PROG_TACHY_ZONE_THERAPIES_13_ATPTHERAPY_ S2SNRAMPPERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy S2SN Ramp Percent	Numeric	NM	100516^MDT_PROG_TACHY_ZONE_THERAPIES_14_ATPTHERAPY_ S2SNRAMPPERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy S2SN Ramp Percent	Numeric	NM	100517^MDT_PROG_TACHY_ZONE_THERAPIES_15_ATPTHERAPY_ S2SNRAMPPERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy S2SN Ramp Percent	Numeric	NM	100518^MDT_PROG_TACHY_ZONE_THERAPIES_16_ATPTHERAPY_ S2SNRAMPPERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy S2SN Ramp Percent	Numeric	NM	100519^MDT_PROG_TACHY_ZONE_THERAPIES_17_ATPTHERAPY_ S2SNRAMPPERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy S2SN Ramp Percent	Numeric	NM	100520^MDT_PROG_TACHY_ZONE_THERAPIES_18_ATPTHERAPY_ S2SNRAMPPERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy S2SN Ramp Percent	Numeric	NM	100521^MDT_PROG_TACHY_ZONE_THERAPIES_19_ATPTHERAPY_ S2SNRAMPPERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy S2SN Ramp Percent	Numeric	NM	100522^MDT_PROG_TACHY_ZONE_THERAPIES_20_ATPTHERAPY_ S2SNRAMPPERCENT^MDT	%^percent^UCUM
Encounter Programmed Tachycardia ATP Therapy Scan Sequence	String 50	ST	100523^MDT_PROG_TACHY_ZONE_THERAPIES_1_ATPTHERAPY_ SCANSEQUENCE^MDT	
Encounter Programmed Tachycardia ATP Therapy	String 50	ST	100524^MDT_PROG_TACHY_ZONE_THERAPIES_2_ATPTHERAPY_ SCANSEQUENCE^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Scan Sequence				
Encounter Programmed Tachycardia ATP Therapy Scan Sequence	String 50	ST	100525^MDT_PROG_TACHY_ZONE_THERAPIES_3_ATPTHERAPY_ SCANSEQUENCE^MDT	
Encounter Programmed Tachycardia ATP Therapy Scan Sequence	String 50	ST	100526^MDT_PROG_TACHY_ZONE_THERAPIES_4_ATPTHERAPY_ SCANSEQUENCE^MDT	
Encounter Programmed Tachycardia ATP Therapy Scan Sequence	String 50	ST	100527^MDT_PROG_TACHY_ZONE_THERAPIES_5_ATPTHERAPY_ SCANSEQUENCE^MDT	
Encounter Programmed Tachycardia ATP Therapy Scan Sequence	String 50	ST	100528^MDT_PROG_TACHY_ZONE_THERAPIES_6_ATPTHERAPY_ SCANSEQUENCE^MDT	
Encounter Programmed Tachycardia ATP Therapy Scan Sequence	String 50	ST	100529^MDT_PROG_TACHY_ZONE_THERAPIES_7_ATPTHERAPY_ SCANSEQUENCE^MDT	
Encounter Programmed Tachycardia ATP Therapy Scan Sequence	String 50	ST	100530^MDT_PROG_TACHY_ZONE_THERAPIES_8_ATPTHERAPY_ SCANSEQUENCE^MDT	
Encounter Programmed Tachycardia ATP Therapy Scan Sequence	String 50	ST	100531^MDT_PROG_TACHY_ZONE_THERAPIES_9_ATPTHERAPY_ SCANSEQUENCE^MDT	
Encounter Programmed Tachycardia ATP Therapy Scan Sequence	String 50	ST	100532^MDT_PROG_TACHY_ZONE_THERAPIES_10_ATPTHERAPY_ SCANSEQUENCE^MDT	
Encounter Programmed Tachycardia ATP Therapy Scan Sequence	String 50	ST	100533^MDT_PROG_TACHY_ZONE_THERAPIES_11_ATPTHERAPY_ SCANSEQUENCE^MDT	
Encounter Programmed Tachycardia ATP Therapy Scan Sequence	String 50	ST	100534^MDT_PROG_TACHY_ZONE_THERAPIES_12_ATPTHERAPY_ SCANSEQUENCE^MDT	
Encounter Programmed Tachycardia ATP Therapy Scan Sequence	String 50	ST	100535^MDT_PROG_TACHY_ZONE_THERAPIES_13_ATPTHERAPY_ SCANSEQUENCE^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Programmed Tachycardia ATP Therapy Scan Sequence	String 50	ST	100536^MDT_PROG_TACHY_ZONE_THERAPIES_14_ATPTHERAPY_SCANSEQUENCE^MDT	
Encounter Programmed Tachycardia ATP Therapy Scan Sequence	String 50	ST	100537^MDT_PROG_TACHY_ZONE_THERAPIES_15_ATPTHERAPY_SCANSEQUENCE^MDT	
Encounter Programmed Tachycardia ATP Therapy Scan Sequence	String 50	ST	100538^MDT_PROG_TACHY_ZONE_THERAPIES_16_ATPTHERAPY_SCANSEQUENCE^MDT	
Encounter Programmed Tachycardia ATP Therapy Scan Sequence	String 50	ST	100539^MDT_PROG_TACHY_ZONE_THERAPIES_17_ATPTHERAPY_SCANSEQUENCE^MDT	
Encounter Programmed Tachycardia ATP Therapy Scan Sequence	String 50	ST	100540^MDT_PROG_TACHY_ZONE_THERAPIES_18_ATPTHERAPY_SCANSEQUENCE^MDT	
Encounter Programmed Tachycardia ATP Therapy Scan Sequence	String 50	ST	100541^MDT_PROG_TACHY_ZONE_THERAPIES_19_ATPTHERAPY_SCANSEQUENCE^MDT	
Encounter Programmed Tachycardia ATP Therapy Scan Sequence	String 50	ST	100542^MDT_PROG_TACHY_ZONE_THERAPIES_20_ATPTHERAPY_SCANSEQUENCE^MDT	
Encounter Programmed Tachycardia Shock Therapy Energy	Numeric	NM	101063^MDT_PROG_TACHY_ZONE_THERAPIES_1_SHOCKTHERAPY_ENERGY^MDT	J^joules^UCUM
Encounter Programmed Tachycardia Shock Therapy Energy	Numeric	NM	101064^MDT_PROG_TACHY_ZONE_THERAPIES_2_SHOCKTHERAPY_ENERGY^MDT	J^joules^UCUM
Encounter Programmed Tachycardia Shock Therapy Energy	Numeric	NM	101065^MDT_PROG_TACHY_ZONE_THERAPIES_3_SHOCKTHERAPY_ENERGY^MDT	J^joules^UCUM
Encounter Programmed Tachycardia Shock Therapy Energy	Numeric	NM	101066^MDT_PROG_TACHY_ZONE_THERAPIES_4_SHOCKTHERAPY_ENERGY^MDT	J^joules^UCUM
Encounter Programmed Tachycardia Shock Therapy Energy	Numeric	NM	101067^MDT_PROG_TACHY_ZONE_THERAPIES_5_SHOCKTHERAPY_ENERGY^MDT	J^joules^UCUM

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Programmed Tachycardia Shock Therapy Energy	Numeric	NM	101068^MDT_PROG_TACHY_ZONE_THERAPIES_6_SHOCKTHERAPY_ ENERGY^MDT	J^joules^UCUM
Encounter Programmed Tachycardia Shock Therapy Energy	Numeric	NM	101069^MDT_PROG_TACHY_ZONE_THERAPIES_7_SHOCKTHERAPY_ ENERGY^MDT	J^joules^UCUM
Encounter Programmed Tachycardia Shock Therapy Energy	Numeric	NM	101070^MDT_PROG_TACHY_ZONE_THERAPIES_8_SHOCKTHERAPY_ ENERGY^MDT	J^joules^UCUM
Encounter Programmed Tachycardia Shock Therapy Energy	Numeric	NM	101071^MDT_PROG_TACHY_ZONE_THERAPIES_9_SHOCKTHERAPY_ ENERGY^MDT	J^joules^UCUM
Encounter Programmed Tachycardia Shock Therapy Energy	Numeric	NM	101072^MDT_PROG_TACHY_ZONE_THERAPIES_10_SHOCKTHERAPY_ ENERGY^MDT	J^joules^UCUM
Encounter Programmed Tachycardia Shock Therapy Energy	Numeric	NM	101073^MDT_PROG_TACHY_ZONE_THERAPIES_11_SHOCKTHERAPY_ ENERGY^MDT	J^joules^UCUM
Encounter Programmed Tachycardia Shock Therapy Energy	Numeric	NM	101074^MDT_PROG_TACHY_ZONE_THERAPIES_12_SHOCKTHERAPY_ ENERGY^MDT	J^joules^UCUM
Encounter Programmed Tachycardia Shock Therapy Energy	Numeric	NM	101075^MDT_PROG_TACHY_ZONE_THERAPIES_13_SHOCKTHERAPY_ ENERGY^MDT	J^joules^UCUM
Encounter Programmed Tachycardia Shock Therapy Energy	Numeric	NM	101076^MDT_PROG_TACHY_ZONE_THERAPIES_14_SHOCKTHERAPY_ ENERGY^MDT	J^joules^UCUM
Encounter Programmed Tachycardia Shock Therapy Energy	Numeric	NM	101077^MDT_PROG_TACHY_ZONE_THERAPIES_15_SHOCKTHERAPY_ ENERGY^MDT	J^joules^UCUM
Encounter Programmed Tachycardia Shock Therapy Energy	Numeric	NM	101078^MDT_PROG_TACHY_ZONE_THERAPIES_16_SHOCKTHERAPY_ ENERGY^MDT	J^joules^UCUM
Encounter Programmed Tachycardia Shock Therapy Energy	Numeric	NM	101079^MDT_PROG_TACHY_ZONE_THERAPIES_17_SHOCKTHERAPY_ ENERGY^MDT	J^joules^UCUM
Encounter Programmed Tachycardia Shock Therapy Energy	Numeric	NM	101080^MDT_PROG_TACHY_ZONE_THERAPIES_18_SHOCKTHERAPY_ ENERGY^MDT	J^joules^UCUM

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Programmed Tachycardia Shock Therapy Energy	Numeric	NM	101081^MDT_PROG_TACHY_ZONE_THERAPIES_19_SHOCKTHERAPY_ENERGY^MDT	J^joules^UCUM
Encounter Programmed Tachycardia Shock Therapy Energy	Numeric	NM	101082^MDT_PROG_TACHY_ZONE_THERAPIES_20_SHOCKTHERAPY_ENERGY^MDT	J^joules^UCUM
Encounter Programmed Tachycardia Shock Therapy Voltage	Numeric	NM	100543^MDT_PROG_TACHY_ZONE_THERAPIES_1_SHOCKTHERAPY_VOLTAGE^MDT	V^volts^UCUM
Encounter Programmed Tachycardia Shock Therapy Voltage	Numeric	NM	100544^MDT_PROG_TACHY_ZONE_THERAPIES_2_SHOCKTHERAPY_VOLTAGE^MDT	V^volts^UCUM
Encounter Programmed Tachycardia Shock Therapy Voltage	Numeric	NM	100545^MDT_PROG_TACHY_ZONE_THERAPIES_3_SHOCKTHERAPY_VOLTAGE^MDT	V^volts^UCUM
Encounter Programmed Tachycardia Shock Therapy Voltage	Numeric	NM	100546^MDT_PROG_TACHY_ZONE_THERAPIES_4_SHOCKTHERAPY_VOLTAGE^MDT	V^volts^UCUM
Encounter Programmed Tachycardia Shock Therapy Voltage	Numeric	NM	100547^MDT_PROG_TACHY_ZONE_THERAPIES_5_SHOCKTHERAPY_VOLTAGE^MDT	V^volts^UCUM
Encounter Programmed Tachycardia Shock Therapy Voltage	Numeric	NM	100548^MDT_PROG_TACHY_ZONE_THERAPIES_6_SHOCKTHERAPY_VOLTAGE^MDT	V^volts^UCUM
Encounter Programmed Tachycardia Shock Therapy Voltage	Numeric	NM	100549^MDT_PROG_TACHY_ZONE_THERAPIES_7_SHOCKTHERAPY_VOLTAGE^MDT	V^volts^UCUM
Encounter Programmed Tachycardia Shock Therapy Voltage	Numeric	NM	100550^MDT_PROG_TACHY_ZONE_THERAPIES_8_SHOCKTHERAPY_VOLTAGE^MDT	V^volts^UCUM
Encounter Programmed Tachycardia Shock Therapy Voltage	Numeric	NM	100551^MDT_PROG_TACHY_ZONE_THERAPIES_9_SHOCKTHERAPY_VOLTAGE^MDT	V^volts^UCUM
Encounter Programmed Tachycardia Shock Therapy Voltage	Numeric	NM	100552^MDT_PROG_TACHY_ZONE_THERAPIES_10_SHOCKTHERAPY_VOLTAGE^MDT	V^volts^UCUM
Encounter Programmed Tachycardia Shock Therapy Voltage	Numeric	NM	100553^MDT_PROG_TACHY_ZONE_THERAPIES_11_SHOCKTHERAPY_VOLTAGE^MDT	V^volts^UCUM

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Programmed Tachycardia Shock Therapy Voltage	Numeric	NM	100554^MDT_PROG_TACHY_ZONE_THERAPIES_12_SHOCKTHERAPY_ VOLTAGE^MDT	V^volts^UCUM
Encounter Programmed Tachycardia Shock Therapy Voltage	Numeric	NM	100555^MDT_PROG_TACHY_ZONE_THERAPIES_13_SHOCKTHERAPY_ VOLTAGE^MDT	V^volts^UCUM
Encounter Programmed Tachycardia Shock Therapy Voltage	Numeric	NM	100556^MDT_PROG_TACHY_ZONE_THERAPIES_14_SHOCKTHERAPY_ VOLTAGE^MDT	V^volts^UCUM
Encounter Programmed Tachycardia Shock Therapy Voltage	Numeric	NM	100557^MDT_PROG_TACHY_ZONE_THERAPIES_15_SHOCKTHERAPY_ VOLTAGE^MDT	V^volts^UCUM
Encounter Programmed Tachycardia Shock Therapy Voltage	Numeric	NM	100558^MDT_PROG_TACHY_ZONE_THERAPIES_16_SHOCKTHERAPY_ VOLTAGE^MDT	V^volts^UCUM
Encounter Programmed Tachycardia Shock Therapy Voltage	Numeric	NM	100559^MDT_PROG_TACHY_ZONE_THERAPIES_17_SHOCKTHERAPY_ VOLTAGE^MDT	V^volts^UCUM
Encounter Programmed Tachycardia Shock Therapy Voltage	Numeric	NM	100560^MDT_PROG_TACHY_ZONE_THERAPIES_18_SHOCKTHERAPY_ VOLTAGE^MDT	V^volts^UCUM
Encounter Programmed Tachycardia Shock Therapy Voltage	Numeric	NM	100561^MDT_PROG_TACHY_ZONE_THERAPIES_19_SHOCKTHERAPY_ VOLTAGE^MDT	V^volts^UCUM
Encounter Programmed Tachycardia Shock Therapy Voltage	Numeric	NM	100562^MDT_PROG_TACHY_ZONE_THERAPIES_20_SHOCKTHERAPY_ VOLTAGE^MDT	V^volts^UCUM
Encounter Programmed Tachycardia Shock Therapy Waveform	ENUM	ST	100563^MDT_PROG_TACHY_ZONE_THERAPIES_1_SHOCKTHERAPY_ WAVEFORM^MDT	
Encounter Programmed Tachycardia Shock Therapy Waveform	ENUM	ST	100564^MDT_PROG_TACHY_ZONE_THERAPIES_2_SHOCKTHERAPY_ WAVEFORM^MDT	
Encounter Programmed Tachycardia Shock Therapy Waveform	ENUM	ST	100565^MDT_PROG_TACHY_ZONE_THERAPIES_3_SHOCKTHERAPY_ WAVEFORM^MDT	
Encounter Programmed Tachycardia Shock Therapy Waveform	ENUM	ST	100566^MDT_PROG_TACHY_ZONE_THERAPIES_4_SHOCKTHERAPY_ WAVEFORM^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Programmed Tachycardia Shock Therapy Waveform	ENUM	ST	100567^MDT_PROG_TACHY_ZONE_THERAPIES_5_SHOCKTHERAPY_WAVEFORM^MDT	
Encounter Programmed Tachycardia Shock Therapy Waveform	ENUM	ST	100568^MDT_PROG_TACHY_ZONE_THERAPIES_6_SHOCKTHERAPY_WAVEFORM^MDT	
Encounter Programmed Tachycardia Shock Therapy Waveform	ENUM	ST	100569^MDT_PROG_TACHY_ZONE_THERAPIES_7_SHOCKTHERAPY_WAVEFORM^MDT	
Encounter Programmed Tachycardia Shock Therapy Waveform	ENUM	ST	100570^MDT_PROG_TACHY_ZONE_THERAPIES_8_SHOCKTHERAPY_WAVEFORM^MDT	
Encounter Programmed Tachycardia Shock Therapy Waveform	ENUM	ST	100571^MDT_PROG_TACHY_ZONE_THERAPIES_9_SHOCKTHERAPY_WAVEFORM^MDT	
Encounter Programmed Tachycardia Shock Therapy Waveform	ENUM	ST	100572^MDT_PROG_TACHY_ZONE_THERAPIES_10_SHOCKTHERAPY_WAVEFORM^MDT	
Encounter Programmed Tachycardia Shock Therapy Waveform	ENUM	ST	100573^MDT_PROG_TACHY_ZONE_THERAPIES_11_SHOCKTHERAPY_WAVEFORM^MDT	
Encounter Programmed Tachycardia Shock Therapy Waveform	ENUM	ST	100574^MDT_PROG_TACHY_ZONE_THERAPIES_12_SHOCKTHERAPY_WAVEFORM^MDT	
Encounter Programmed Tachycardia Shock Therapy Waveform	ENUM	ST	100575^MDT_PROG_TACHY_ZONE_THERAPIES_13_SHOCKTHERAPY_WAVEFORM^MDT	
Encounter Programmed Tachycardia Shock Therapy Waveform	ENUM	ST	100576^MDT_PROG_TACHY_ZONE_THERAPIES_14_SHOCKTHERAPY_WAVEFORM^MDT	
Encounter Programmed Tachycardia Shock Therapy Waveform	ENUM	ST	100577^MDT_PROG_TACHY_ZONE_THERAPIES_15_SHOCKTHERAPY_WAVEFORM^MDT	
Encounter Programmed Tachycardia Shock Therapy Waveform	ENUM	ST	100578^MDT_PROG_TACHY_ZONE_THERAPIES_16_SHOCKTHERAPY_WAVEFORM^MDT	
Encounter Programmed Tachycardia Shock Therapy Waveform	ENUM	ST	100579^MDT_PROG_TACHY_ZONE_THERAPIES_17_SHOCKTHERAPY_WAVEFORM^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Programmed Tachycardia Shock Therapy Waveform	ENUM	ST	100580^MDT_PROG_TACHY_ZONE_THERAPIES_18_SHOCKTHERAPY_ WAVEFORM^MDT	
Encounter Programmed Tachycardia Shock Therapy Waveform	ENUM	ST	100581^MDT_PROG_TACHY_ZONE_THERAPIES_19_SHOCKTHERAPY_ WAVEFORM^MDT	
Encounter Programmed Tachycardia Shock Therapy Waveform	ENUM	ST	100582^MDT_PROG_TACHY_ZONE_THERAPIES_20_SHOCKTHERAPY_ WAVEFORM^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100583^MDT_PROG_TACHY_ZONE_THERAPIES_1_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_LOCATION_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100584^MDT_PROG_TACHY_ZONE_THERAPIES_2_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_LOCATION_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100585^MDT_PROG_TACHY_ZONE_THERAPIES_3_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_LOCATION_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100586^MDT_PROG_TACHY_ZONE_THERAPIES_4_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_LOCATION_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100587^MDT_PROG_TACHY_ZONE_THERAPIES_5_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_LOCATION_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100588^MDT_PROG_TACHY_ZONE_THERAPIES_6_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_LOCATION_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100589^MDT_PROG_TACHY_ZONE_THERAPIES_7_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_LOCATION_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100590^MDT_PROG_TACHY_ZONE_THERAPIES_8_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_LOCATION_1^MDT	
Encounter Programmed Tachycardia Shock Therapy	ENUM	CWE	100591^MDT_PROG_TACHY_ZONE_THERAPIES_9_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_LOCATION_1^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Pathway Location				
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100592^MDT_PROG_TACHY_ZONE_THERAPIES_10_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_LOCATION_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100593^MDT_PROG_TACHY_ZONE_THERAPIES_11_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_LOCATION_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100594^MDT_PROG_TACHY_ZONE_THERAPIES_12_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_LOCATION_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100595^MDT_PROG_TACHY_ZONE_THERAPIES_13_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_LOCATION_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100596^MDT_PROG_TACHY_ZONE_THERAPIES_14_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_LOCATION_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100597^MDT_PROG_TACHY_ZONE_THERAPIES_15_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_LOCATION_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100598^MDT_PROG_TACHY_ZONE_THERAPIES_16_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_LOCATION_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100599^MDT_PROG_TACHY_ZONE_THERAPIES_17_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_LOCATION_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100600^MDT_PROG_TACHY_ZONE_THERAPIES_18_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_LOCATION_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100601^MDT_PROG_TACHY_ZONE_THERAPIES_19_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_LOCATION_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100602^MDT_PROG_TACHY_ZONE_THERAPIES_20_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_LOCATION_1^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100603^MDT_PROG_TACHY_ZONE_THERAPIES_1_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_ELECTRODE_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100604^MDT_PROG_TACHY_ZONE_THERAPIES_2_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_ELECTRODE_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100605^MDT_PROG_TACHY_ZONE_THERAPIES_3_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_ELECTRODE_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100606^MDT_PROG_TACHY_ZONE_THERAPIES_4_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_ELECTRODE_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100607^MDT_PROG_TACHY_ZONE_THERAPIES_5_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_ELECTRODE_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100608^MDT_PROG_TACHY_ZONE_THERAPIES_6_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_ELECTRODE_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100609^MDT_PROG_TACHY_ZONE_THERAPIES_7_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_ELECTRODE_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100610^MDT_PROG_TACHY_ZONE_THERAPIES_8_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_ELECTRODE_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100611^MDT_PROG_TACHY_ZONE_THERAPIES_9_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_ELECTRODE_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100612^MDT_PROG_TACHY_ZONE_THERAPIES_10_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_ELECTRODE_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100613^MDT_PROG_TACHY_ZONE_THERAPIES_11_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_ELECTRODE_1^MDT	
Encounter Programmed	ENUM	CWE	100614^MDT_PROG_TACHY_ZONE_THERAPIES_12_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_ELECTRODE_1^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Tachycardia Shock Therapy Pathway Electrode				
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100615^MDT_PROG_TACHY_ZONE_THERAPIES_13_SHOCKTHERAPY_PATHWAY_POLE_ANODE_ELECTRODE_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100616^MDT_PROG_TACHY_ZONE_THERAPIES_14_SHOCKTHERAPY_PATHWAY_POLE_ANODE_ELECTRODE_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100617^MDT_PROG_TACHY_ZONE_THERAPIES_15_SHOCKTHERAPY_PATHWAY_POLE_ANODE_ELECTRODE_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100618^MDT_PROG_TACHY_ZONE_THERAPIES_16_SHOCKTHERAPY_PATHWAY_POLE_ANODE_ELECTRODE_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100619^MDT_PROG_TACHY_ZONE_THERAPIES_17_SHOCKTHERAPY_PATHWAY_POLE_ANODE_ELECTRODE_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100620^MDT_PROG_TACHY_ZONE_THERAPIES_18_SHOCKTHERAPY_PATHWAY_POLE_ANODE_ELECTRODE_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100621^MDT_PROG_TACHY_ZONE_THERAPIES_19_SHOCKTHERAPY_PATHWAY_POLE_ANODE_ELECTRODE_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100622^MDT_PROG_TACHY_ZONE_THERAPIES_20_SHOCKTHERAPY_PATHWAY_POLE_ANODE_ELECTRODE_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100623^MDT_PROG_TACHY_ZONE_THERAPIES_1_SHOCKTHERAPY_PATHWAY_POLE_ANODE_LOCATION_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100624^MDT_PROG_TACHY_ZONE_THERAPIES_2_SHOCKTHERAPY_PATHWAY_POLE_ANODE_LOCATION_2^MDT	
Encounter Programmed Tachycardia Shock Therapy	ENUM	CWE	100625^MDT_PROG_TACHY_ZONE_THERAPIES_3_SHOCKTHERAPY_PATHWAY_POLE_ANODE_LOCATION_2^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Pathway Location				
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100626^MDT_PROG_TACHY_ZONE_THERAPIES_4_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_LOCATION_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100627^MDT_PROG_TACHY_ZONE_THERAPIES_5_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_LOCATION_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100628^MDT_PROG_TACHY_ZONE_THERAPIES_6_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_LOCATION_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100629^MDT_PROG_TACHY_ZONE_THERAPIES_7_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_LOCATION_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100630^MDT_PROG_TACHY_ZONE_THERAPIES_8_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_LOCATION_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100631^MDT_PROG_TACHY_ZONE_THERAPIES_9_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_LOCATION_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100632^MDT_PROG_TACHY_ZONE_THERAPIES_10_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_LOCATION_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100633^MDT_PROG_TACHY_ZONE_THERAPIES_11_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_LOCATION_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100634^MDT_PROG_TACHY_ZONE_THERAPIES_12_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_LOCATION_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100635^MDT_PROG_TACHY_ZONE_THERAPIES_13_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_LOCATION_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100636^MDT_PROG_TACHY_ZONE_THERAPIES_14_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_LOCATION_2^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100637^MDT_PROG_TACHY_ZONE_THERAPIES_15_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_LOCATION_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100638^MDT_PROG_TACHY_ZONE_THERAPIES_16_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_LOCATION_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100639^MDT_PROG_TACHY_ZONE_THERAPIES_17_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_LOCATION_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100640^MDT_PROG_TACHY_ZONE_THERAPIES_18_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_LOCATION_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100641^MDT_PROG_TACHY_ZONE_THERAPIES_19_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_LOCATION_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100642^MDT_PROG_TACHY_ZONE_THERAPIES_20_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_LOCATION_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100643^MDT_PROG_TACHY_ZONE_THERAPIES_1_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_ELECTRODE_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100644^MDT_PROG_TACHY_ZONE_THERAPIES_2_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_ELECTRODE_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100645^MDT_PROG_TACHY_ZONE_THERAPIES_3_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_ELECTRODE_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100646^MDT_PROG_TACHY_ZONE_THERAPIES_4_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_ELECTRODE_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100647^MDT_PROG_TACHY_ZONE_THERAPIES_5_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_ELECTRODE_2^MDT	
Encounter Programmed	ENUM	CWE	100648^MDT_PROG_TACHY_ZONE_THERAPIES_6_SHOCKTHERAPY_ PATHWAY_POLE_ANODE_ELECTRODE_2^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Tachycardia Shock Therapy Pathway Electrode				
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100649^MDT_PROG_TACHY_ZONE_THERAPIES_7_SHOCKTHERAPY_PATHWAY_POLE_ANODE_ELECTRODE_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100650^MDT_PROG_TACHY_ZONE_THERAPIES_8_SHOCKTHERAPY_PATHWAY_POLE_ANODE_ELECTRODE_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100651^MDT_PROG_TACHY_ZONE_THERAPIES_9_SHOCKTHERAPY_PATHWAY_POLE_ANODE_ELECTRODE_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100652^MDT_PROG_TACHY_ZONE_THERAPIES_10_SHOCKTHERAPY_PATHWAY_POLE_ANODE_ELECTRODE_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100653^MDT_PROG_TACHY_ZONE_THERAPIES_11_SHOCKTHERAPY_PATHWAY_POLE_ANODE_ELECTRODE_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100654^MDT_PROG_TACHY_ZONE_THERAPIES_12_SHOCKTHERAPY_PATHWAY_POLE_ANODE_ELECTRODE_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100655^MDT_PROG_TACHY_ZONE_THERAPIES_13_SHOCKTHERAPY_PATHWAY_POLE_ANODE_ELECTRODE_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100656^MDT_PROG_TACHY_ZONE_THERAPIES_14_SHOCKTHERAPY_PATHWAY_POLE_ANODE_ELECTRODE_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100657^MDT_PROG_TACHY_ZONE_THERAPIES_15_SHOCKTHERAPY_PATHWAY_POLE_ANODE_ELECTRODE_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100658^MDT_PROG_TACHY_ZONE_THERAPIES_16_SHOCKTHERAPY_PATHWAY_POLE_ANODE_ELECTRODE_2^MDT	
Encounter Programmed Tachycardia Shock Therapy	ENUM	CWE	100659^MDT_PROG_TACHY_ZONE_THERAPIES_17_SHOCKTHERAPY_PATHWAY_POLE_ANODE_ELECTRODE_2^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Pathway Electrode				
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100660^MDT_PROG_TACHY_ZONE_THERAPIES_18_SHOCKTHERAPY_PATHWAY_POLE_ANODE_ELECTRODE_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100661^MDT_PROG_TACHY_ZONE_THERAPIES_19_SHOCKTHERAPY_PATHWAY_POLE_ANODE_ELECTRODE_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100662^MDT_PROG_TACHY_ZONE_THERAPIES_20_SHOCKTHERAPY_PATHWAY_POLE_ANODE_ELECTRODE_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100663^MDT_PROG_TACHY_ZONE_THERAPIES_1_SHOCKTHERAPY_PATHWAY_POLE_ANODE_LOCATION_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100664^MDT_PROG_TACHY_ZONE_THERAPIES_2_SHOCKTHERAPY_PATHWAY_POLE_ANODE_LOCATION_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100665^MDT_PROG_TACHY_ZONE_THERAPIES_3_SHOCKTHERAPY_PATHWAY_POLE_ANODE_LOCATION_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100666^MDT_PROG_TACHY_ZONE_THERAPIES_4_SHOCKTHERAPY_PATHWAY_POLE_ANODE_LOCATION_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100667^MDT_PROG_TACHY_ZONE_THERAPIES_5_SHOCKTHERAPY_PATHWAY_POLE_ANODE_LOCATION_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100668^MDT_PROG_TACHY_ZONE_THERAPIES_6_SHOCKTHERAPY_PATHWAY_POLE_ANODE_LOCATION_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100669^MDT_PROG_TACHY_ZONE_THERAPIES_7_SHOCKTHERAPY_PATHWAY_POLE_ANODE_LOCATION_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100670^MDT_PROG_TACHY_ZONE_THERAPIES_8_SHOCKTHERAPY_PATHWAY_POLE_ANODE_LOCATION_3^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100671^MDT_PROG_TACHY_ZONE_THERAPIES_9_SHOCKTHERAPY_PATHWAY_POLE_ANODE_LOCATION_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100672^MDT_PROG_TACHY_ZONE_THERAPIES_10_SHOCKTHERAPY_PATHWAY_POLE_ANODE_LOCATION_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100673^MDT_PROG_TACHY_ZONE_THERAPIES_11_SHOCKTHERAPY_PATHWAY_POLE_ANODE_LOCATION_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100674^MDT_PROG_TACHY_ZONE_THERAPIES_12_SHOCKTHERAPY_PATHWAY_POLE_ANODE_LOCATION_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100675^MDT_PROG_TACHY_ZONE_THERAPIES_13_SHOCKTHERAPY_PATHWAY_POLE_ANODE_LOCATION_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100676^MDT_PROG_TACHY_ZONE_THERAPIES_14_SHOCKTHERAPY_PATHWAY_POLE_ANODE_LOCATION_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100677^MDT_PROG_TACHY_ZONE_THERAPIES_15_SHOCKTHERAPY_PATHWAY_POLE_ANODE_LOCATION_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100678^MDT_PROG_TACHY_ZONE_THERAPIES_16_SHOCKTHERAPY_PATHWAY_POLE_ANODE_LOCATION_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100679^MDT_PROG_TACHY_ZONE_THERAPIES_17_SHOCKTHERAPY_PATHWAY_POLE_ANODE_LOCATION_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100680^MDT_PROG_TACHY_ZONE_THERAPIES_18_SHOCKTHERAPY_PATHWAY_POLE_ANODE_LOCATION_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100681^MDT_PROG_TACHY_ZONE_THERAPIES_19_SHOCKTHERAPY_PATHWAY_POLE_ANODE_LOCATION_3^MDT	
Encounter Programmed	ENUM	CWE	100682^MDT_PROG_TACHY_ZONE_THERAPIES_20_SHOCKTHERAPY_PATHWAY_POLE_ANODE_LOCATION_3^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Tachycardia Shock Therapy Pathway Location				
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100683^MDT_PROG_TACHY_ZONE_THERAPIES_1_SHOCKTHERAPY_PATHWAY_POLE_ANODE_ELECTRODE_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100684^MDT_PROG_TACHY_ZONE_THERAPIES_2_SHOCKTHERAPY_PATHWAY_POLE_ANODE_ELECTRODE_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100685^MDT_PROG_TACHY_ZONE_THERAPIES_3_SHOCKTHERAPY_PATHWAY_POLE_ANODE_ELECTRODE_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100686^MDT_PROG_TACHY_ZONE_THERAPIES_4_SHOCKTHERAPY_PATHWAY_POLE_ANODE_ELECTRODE_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100687^MDT_PROG_TACHY_ZONE_THERAPIES_5_SHOCKTHERAPY_PATHWAY_POLE_ANODE_ELECTRODE_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100688^MDT_PROG_TACHY_ZONE_THERAPIES_6_SHOCKTHERAPY_PATHWAY_POLE_ANODE_ELECTRODE_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100689^MDT_PROG_TACHY_ZONE_THERAPIES_7_SHOCKTHERAPY_PATHWAY_POLE_ANODE_ELECTRODE_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100690^MDT_PROG_TACHY_ZONE_THERAPIES_8_SHOCKTHERAPY_PATHWAY_POLE_ANODE_ELECTRODE_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100691^MDT_PROG_TACHY_ZONE_THERAPIES_9_SHOCKTHERAPY_PATHWAY_POLE_ANODE_ELECTRODE_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100692^MDT_PROG_TACHY_ZONE_THERAPIES_10_SHOCKTHERAPY_PATHWAY_POLE_ANODE_ELECTRODE_3^MDT	
Encounter Programmed Tachycardia Shock Therapy	ENUM	CWE	100693^MDT_PROG_TACHY_ZONE_THERAPIES_11_SHOCKTHERAPY_PATHWAY_POLE_ANODE_ELECTRODE_3^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Pathway Electrode				
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100694^MDT_PROG_TACHY_ZONE_THERAPIES_12_SHOCKTHERAPY_PATHWAY_POLE_ANODE_ELECTRODE_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100695^MDT_PROG_TACHY_ZONE_THERAPIES_13_SHOCKTHERAPY_PATHWAY_POLE_ANODE_ELECTRODE_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100696^MDT_PROG_TACHY_ZONE_THERAPIES_14_SHOCKTHERAPY_PATHWAY_POLE_ANODE_ELECTRODE_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100697^MDT_PROG_TACHY_ZONE_THERAPIES_15_SHOCKTHERAPY_PATHWAY_POLE_ANODE_ELECTRODE_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100698^MDT_PROG_TACHY_ZONE_THERAPIES_16_SHOCKTHERAPY_PATHWAY_POLE_ANODE_ELECTRODE_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100699^MDT_PROG_TACHY_ZONE_THERAPIES_17_SHOCKTHERAPY_PATHWAY_POLE_ANODE_ELECTRODE_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100700^MDT_PROG_TACHY_ZONE_THERAPIES_18_SHOCKTHERAPY_PATHWAY_POLE_ANODE_ELECTRODE_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100701^MDT_PROG_TACHY_ZONE_THERAPIES_19_SHOCKTHERAPY_PATHWAY_POLE_ANODE_ELECTRODE_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100702^MDT_PROG_TACHY_ZONE_THERAPIES_20_SHOCKTHERAPY_PATHWAY_POLE_ANODE_ELECTRODE_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100703^MDT_PROG_TACHY_ZONE_THERAPIES_1_SHOCKTHERAPY_PATHWAY_POLE_CATHODE_LOCATION_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100704^MDT_PROG_TACHY_ZONE_THERAPIES_2_SHOCKTHERAPY_PATHWAY_POLE_CATHODE_LOCATION_1^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100705^MDT_PROG_TACHY_ZONE_THERAPIES_3_SHOCKTHERAPY_PATHWAY_POLE_CATHODE_LOCATION_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100706^MDT_PROG_TACHY_ZONE_THERAPIES_4_SHOCKTHERAPY_PATHWAY_POLE_CATHODE_LOCATION_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100707^MDT_PROG_TACHY_ZONE_THERAPIES_5_SHOCKTHERAPY_PATHWAY_POLE_CATHODE_LOCATION_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100708^MDT_PROG_TACHY_ZONE_THERAPIES_6_SHOCKTHERAPY_PATHWAY_POLE_CATHODE_LOCATION_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100709^MDT_PROG_TACHY_ZONE_THERAPIES_7_SHOCKTHERAPY_PATHWAY_POLE_CATHODE_LOCATION_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100710^MDT_PROG_TACHY_ZONE_THERAPIES_8_SHOCKTHERAPY_PATHWAY_POLE_CATHODE_LOCATION_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100711^MDT_PROG_TACHY_ZONE_THERAPIES_9_SHOCKTHERAPY_PATHWAY_POLE_CATHODE_LOCATION_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100712^MDT_PROG_TACHY_ZONE_THERAPIES_10_SHOCKTHERAPY_PATHWAY_POLE_CATHODE_LOCATION_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100713^MDT_PROG_TACHY_ZONE_THERAPIES_11_SHOCKTHERAPY_PATHWAY_POLE_CATHODE_LOCATION_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100714^MDT_PROG_TACHY_ZONE_THERAPIES_12_SHOCKTHERAPY_PATHWAY_POLE_CATHODE_LOCATION_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100715^MDT_PROG_TACHY_ZONE_THERAPIES_13_SHOCKTHERAPY_PATHWAY_POLE_CATHODE_LOCATION_1^MDT	
Encounter Programmed	ENUM	CWE	100716^MDT_PROG_TACHY_ZONE_THERAPIES_14_SHOCKTHERAPY_PATHWAY_POLE_CATHODE_LOCATION_1^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Tachycardia Shock Therapy Pathway Location				
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100717^MDT_PROG_TACHY_ZONE_THERAPIES_15_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_LOCATION_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100718^MDT_PROG_TACHY_ZONE_THERAPIES_16_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_LOCATION_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100719^MDT_PROG_TACHY_ZONE_THERAPIES_17_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_LOCATION_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100720^MDT_PROG_TACHY_ZONE_THERAPIES_18_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_LOCATION_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100721^MDT_PROG_TACHY_ZONE_THERAPIES_19_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_LOCATION_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100722^MDT_PROG_TACHY_ZONE_THERAPIES_20_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_LOCATION_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100723^MDT_PROG_TACHY_ZONE_THERAPIES_1_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100724^MDT_PROG_TACHY_ZONE_THERAPIES_2_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100725^MDT_PROG_TACHY_ZONE_THERAPIES_3_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100726^MDT_PROG_TACHY_ZONE_THERAPIES_4_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_1^MDT	
Encounter Programmed Tachycardia Shock Therapy	ENUM	CWE	100727^MDT_PROG_TACHY_ZONE_THERAPIES_5_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_1^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Pathway Electrode				
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100728^MDT_PROG_TACHY_ZONE_THERAPIES_6_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100729^MDT_PROG_TACHY_ZONE_THERAPIES_7_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100730^MDT_PROG_TACHY_ZONE_THERAPIES_8_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100731^MDT_PROG_TACHY_ZONE_THERAPIES_9_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100732^MDT_PROG_TACHY_ZONE_THERAPIES_10_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100733^MDT_PROG_TACHY_ZONE_THERAPIES_11_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100734^MDT_PROG_TACHY_ZONE_THERAPIES_12_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100735^MDT_PROG_TACHY_ZONE_THERAPIES_13_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100736^MDT_PROG_TACHY_ZONE_THERAPIES_14_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100737^MDT_PROG_TACHY_ZONE_THERAPIES_15_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100738^MDT_PROG_TACHY_ZONE_THERAPIES_16_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_1^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100739^MDT_PROG_TACHY_ZONE_THERAPIES_17_SHOCKTHERAPY_PATHWAY_POLE_CATHODE_ELECTRODE_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100740^MDT_PROG_TACHY_ZONE_THERAPIES_18_SHOCKTHERAPY_PATHWAY_POLE_CATHODE_ELECTRODE_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100741^MDT_PROG_TACHY_ZONE_THERAPIES_19_SHOCKTHERAPY_PATHWAY_POLE_CATHODE_ELECTRODE_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100742^MDT_PROG_TACHY_ZONE_THERAPIES_20_SHOCKTHERAPY_PATHWAY_POLE_CATHODE_ELECTRODE_1^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100743^MDT_PROG_TACHY_ZONE_THERAPIES_1_SHOCKTHERAPY_PATHWAY_POLE_CATHODE_LOCATION_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100744^MDT_PROG_TACHY_ZONE_THERAPIES_2_SHOCKTHERAPY_PATHWAY_POLE_CATHODE_LOCATION_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100745^MDT_PROG_TACHY_ZONE_THERAPIES_3_SHOCKTHERAPY_PATHWAY_POLE_CATHODE_LOCATION_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100746^MDT_PROG_TACHY_ZONE_THERAPIES_4_SHOCKTHERAPY_PATHWAY_POLE_CATHODE_LOCATION_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100747^MDT_PROG_TACHY_ZONE_THERAPIES_5_SHOCKTHERAPY_PATHWAY_POLE_CATHODE_LOCATION_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100748^MDT_PROG_TACHY_ZONE_THERAPIES_6_SHOCKTHERAPY_PATHWAY_POLE_CATHODE_LOCATION_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100749^MDT_PROG_TACHY_ZONE_THERAPIES_7_SHOCKTHERAPY_PATHWAY_POLE_CATHODE_LOCATION_2^MDT	
Encounter Programmed	ENUM	CWE	100750^MDT_PROG_TACHY_ZONE_THERAPIES_8_SHOCKTHERAPY_PATHWAY_POLE_CATHODE_LOCATION_2^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Tachycardia Shock Therapy Pathway Location				
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100751^MDT_PROG_TACHY_ZONE_THERAPIES_9_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_LOCATION_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100752^MDT_PROG_TACHY_ZONE_THERAPIES_10_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_LOCATION_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100753^MDT_PROG_TACHY_ZONE_THERAPIES_11_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_LOCATION_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100754^MDT_PROG_TACHY_ZONE_THERAPIES_12_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_LOCATION_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100755^MDT_PROG_TACHY_ZONE_THERAPIES_13_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_LOCATION_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100756^MDT_PROG_TACHY_ZONE_THERAPIES_14_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_LOCATION_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100757^MDT_PROG_TACHY_ZONE_THERAPIES_15_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_LOCATION_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100758^MDT_PROG_TACHY_ZONE_THERAPIES_16_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_LOCATION_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100759^MDT_PROG_TACHY_ZONE_THERAPIES_17_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_LOCATION_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100760^MDT_PROG_TACHY_ZONE_THERAPIES_18_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_LOCATION_2^MDT	
Encounter Programmed Tachycardia Shock Therapy	ENUM	CWE	100761^MDT_PROG_TACHY_ZONE_THERAPIES_19_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_LOCATION_2^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Pathway Location				
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100762^MDT_PROG_TACHY_ZONE_THERAPIES_20_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_LOCATION_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100763^MDT_PROG_TACHY_ZONE_THERAPIES_1_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100764^MDT_PROG_TACHY_ZONE_THERAPIES_2_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100765^MDT_PROG_TACHY_ZONE_THERAPIES_3_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100766^MDT_PROG_TACHY_ZONE_THERAPIES_4_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100767^MDT_PROG_TACHY_ZONE_THERAPIES_5_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100768^MDT_PROG_TACHY_ZONE_THERAPIES_6_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100769^MDT_PROG_TACHY_ZONE_THERAPIES_7_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100770^MDT_PROG_TACHY_ZONE_THERAPIES_8_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100771^MDT_PROG_TACHY_ZONE_THERAPIES_9_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100772^MDT_PROG_TACHY_ZONE_THERAPIES_10_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_2^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100773^MDT_PROG_TACHY_ZONE_THERAPIES_11_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100774^MDT_PROG_TACHY_ZONE_THERAPIES_12_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100775^MDT_PROG_TACHY_ZONE_THERAPIES_13_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100776^MDT_PROG_TACHY_ZONE_THERAPIES_14_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100777^MDT_PROG_TACHY_ZONE_THERAPIES_15_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100778^MDT_PROG_TACHY_ZONE_THERAPIES_16_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100779^MDT_PROG_TACHY_ZONE_THERAPIES_17_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100780^MDT_PROG_TACHY_ZONE_THERAPIES_18_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100781^MDT_PROG_TACHY_ZONE_THERAPIES_19_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100782^MDT_PROG_TACHY_ZONE_THERAPIES_20_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_2^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100783^MDT_PROG_TACHY_ZONE_THERAPIES_1_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_LOCATION_3^MDT	
Encounter Programmed	ENUM	CWE	100784^MDT_PROG_TACHY_ZONE_THERAPIES_2_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_LOCATION_3^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Tachycardia Shock Therapy Pathway Location				
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100785^MDT_PROG_TACHY_ZONE_THERAPIES_3_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_LOCATION_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100786^MDT_PROG_TACHY_ZONE_THERAPIES_4_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_LOCATION_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100787^MDT_PROG_TACHY_ZONE_THERAPIES_5_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_LOCATION_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100788^MDT_PROG_TACHY_ZONE_THERAPIES_6_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_LOCATION_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100789^MDT_PROG_TACHY_ZONE_THERAPIES_7_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_LOCATION_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100790^MDT_PROG_TACHY_ZONE_THERAPIES_8_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_LOCATION_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100791^MDT_PROG_TACHY_ZONE_THERAPIES_9_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_LOCATION_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100792^MDT_PROG_TACHY_ZONE_THERAPIES_10_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_LOCATION_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100793^MDT_PROG_TACHY_ZONE_THERAPIES_11_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_LOCATION_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100794^MDT_PROG_TACHY_ZONE_THERAPIES_12_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_LOCATION_3^MDT	
Encounter Programmed Tachycardia Shock Therapy	ENUM	CWE	100795^MDT_PROG_TACHY_ZONE_THERAPIES_13_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_LOCATION_3^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Pathway Location				
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100796^MDT_PROG_TACHY_ZONE_THERAPIES_14_SHOCKTHERAPY_PATHWAY_POLE_CATHODE_LOCATION_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100797^MDT_PROG_TACHY_ZONE_THERAPIES_15_SHOCKTHERAPY_PATHWAY_POLE_CATHODE_LOCATION_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100798^MDT_PROG_TACHY_ZONE_THERAPIES_16_SHOCKTHERAPY_PATHWAY_POLE_CATHODE_LOCATION_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100799^MDT_PROG_TACHY_ZONE_THERAPIES_17_SHOCKTHERAPY_PATHWAY_POLE_CATHODE_LOCATION_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100800^MDT_PROG_TACHY_ZONE_THERAPIES_18_SHOCKTHERAPY_PATHWAY_POLE_CATHODE_LOCATION_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100801^MDT_PROG_TACHY_ZONE_THERAPIES_19_SHOCKTHERAPY_PATHWAY_POLE_CATHODE_LOCATION_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Location	ENUM	CWE	100802^MDT_PROG_TACHY_ZONE_THERAPIES_20_SHOCKTHERAPY_PATHWAY_POLE_CATHODE_LOCATION_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100803^MDT_PROG_TACHY_ZONE_THERAPIES_1_SHOCKTHERAPY_PATHWAY_POLE_CATHODE_ELECTRODE_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100804^MDT_PROG_TACHY_ZONE_THERAPIES_2_SHOCKTHERAPY_PATHWAY_POLE_CATHODE_ELECTRODE_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100805^MDT_PROG_TACHY_ZONE_THERAPIES_3_SHOCKTHERAPY_PATHWAY_POLE_CATHODE_ELECTRODE_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100806^MDT_PROG_TACHY_ZONE_THERAPIES_4_SHOCKTHERAPY_PATHWAY_POLE_CATHODE_ELECTRODE_3^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100807^MDT_PROG_TACHY_ZONE_THERAPIES_5_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100808^MDT_PROG_TACHY_ZONE_THERAPIES_6_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100809^MDT_PROG_TACHY_ZONE_THERAPIES_7_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100810^MDT_PROG_TACHY_ZONE_THERAPIES_8_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100811^MDT_PROG_TACHY_ZONE_THERAPIES_9_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100812^MDT_PROG_TACHY_ZONE_THERAPIES_10_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100813^MDT_PROG_TACHY_ZONE_THERAPIES_11_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100814^MDT_PROG_TACHY_ZONE_THERAPIES_12_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100815^MDT_PROG_TACHY_ZONE_THERAPIES_13_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100816^MDT_PROG_TACHY_ZONE_THERAPIES_14_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100817^MDT_PROG_TACHY_ZONE_THERAPIES_15_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_3^MDT	
Encounter Programmed	ENUM	CWE	100818^MDT_PROG_TACHY_ZONE_THERAPIES_16_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_3^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Tachycardia Shock Therapy Pathway Electrode				
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100819^MDT_PROG_TACHY_ZONE_THERAPIES_17_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100820^MDT_PROG_TACHY_ZONE_THERAPIES_18_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100821^MDT_PROG_TACHY_ZONE_THERAPIES_19_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Pathway Electrode	ENUM	CWE	100822^MDT_PROG_TACHY_ZONE_THERAPIES_20_SHOCKTHERAPY_ PATHWAY_POLE_CATHODE_ELECTRODE_3^MDT	
Encounter Programmed Tachycardia Shock Therapy Cardioversion Delay	Numeric	NM	100823^MDT_PROG_TACHY_ZONE_THERAPIES_1_SHOCKTHERAPY_ CARDIOVERSIONDELAY^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Cardioversion Delay	Numeric	NM	100824^MDT_PROG_TACHY_ZONE_THERAPIES_2_SHOCKTHERAPY_ CARDIOVERSIONDELAY^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Cardioversion Delay	Numeric	NM	100825^MDT_PROG_TACHY_ZONE_THERAPIES_3_SHOCKTHERAPY_ CARDIOVERSIONDELAY^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Cardioversion Delay	Numeric	NM	100826^MDT_PROG_TACHY_ZONE_THERAPIES_4_SHOCKTHERAPY_ CARDIOVERSIONDELAY^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Cardioversion Delay	Numeric	NM	100827^MDT_PROG_TACHY_ZONE_THERAPIES_5_SHOCKTHERAPY_ CARDIOVERSIONDELAY^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Cardioversion Delay	Numeric	NM	100828^MDT_PROG_TACHY_ZONE_THERAPIES_6_SHOCKTHERAPY_ CARDIOVERSIONDELAY^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy	Numeric	NM	100829^MDT_PROG_TACHY_ZONE_THERAPIES_7_SHOCKTHERAPY_ CARDIOVERSIONDELAY^MDT	ms^milliseconds^UCUM

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Cardioversion Delay				
Encounter Programmed Tachycardia Shock Therapy Cardioversion Delay	Numeric	NM	100830^MDT_PROG_TACHY_ZONE_THERAPIES_8_SHOCKTHERAPY_ CARDIOVERSIONDELAY^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Cardioversion Delay	Numeric	NM	100831^MDT_PROG_TACHY_ZONE_THERAPIES_9_SHOCKTHERAPY_ CARDIOVERSIONDELAY^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Cardioversion Delay	Numeric	NM	100832^MDT_PROG_TACHY_ZONE_THERAPIES_10_SHOCKTHERAPY_ CARDIOVERSIONDELAY^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Cardioversion Delay	Numeric	NM	100833^MDT_PROG_TACHY_ZONE_THERAPIES_11_SHOCKTHERAPY_ CARDIOVERSIONDELAY^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Cardioversion Delay	Numeric	NM	100834^MDT_PROG_TACHY_ZONE_THERAPIES_12_SHOCKTHERAPY_ CARDIOVERSIONDELAY^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Cardioversion Delay	Numeric	NM	100835^MDT_PROG_TACHY_ZONE_THERAPIES_13_SHOCKTHERAPY_ CARDIOVERSIONDELAY^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Cardioversion Delay	Numeric	NM	100836^MDT_PROG_TACHY_ZONE_THERAPIES_14_SHOCKTHERAPY_ CARDIOVERSIONDELAY^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Cardioversion Delay	Numeric	NM	100837^MDT_PROG_TACHY_ZONE_THERAPIES_15_SHOCKTHERAPY_ CARDIOVERSIONDELAY^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Cardioversion Delay	Numeric	NM	100838^MDT_PROG_TACHY_ZONE_THERAPIES_16_SHOCKTHERAPY_ CARDIOVERSIONDELAY^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Cardioversion Delay	Numeric	NM	100839^MDT_PROG_TACHY_ZONE_THERAPIES_17_SHOCKTHERAPY_ CARDIOVERSIONDELAY^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Cardioversion Delay	Numeric	NM	100840^MDT_PROG_TACHY_ZONE_THERAPIES_18_SHOCKTHERAPY_ CARDIOVERSIONDELAY^MDT	ms^milliseconds^UCUM

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Programmed Tachycardia Shock Therapy Cardioversion Delay	Numeric	NM	100841^MDT_PROG_TACHY_ZONE_THERAPIES_19_SHOCKTHERAPY_CARDIOVERSIONDELAY^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Cardioversion Delay	Numeric	NM	100842^MDT_PROG_TACHY_ZONE_THERAPIES_20_SHOCKTHERAPY_CARDIOVERSIONDELAY^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Pulse Width Negative	Numeric	NM	100843^MDT_PROG_TACHY_ZONE_THERAPIES_1_SHOCKTHERAPY_PULSEWIDTHNEGATIVE^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Pulse Width Negative	Numeric	NM	100844^MDT_PROG_TACHY_ZONE_THERAPIES_2_SHOCKTHERAPY_PULSEWIDTHNEGATIVE^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Pulse Width Negative	Numeric	NM	100845^MDT_PROG_TACHY_ZONE_THERAPIES_3_SHOCKTHERAPY_PULSEWIDTHNEGATIVE^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Pulse Width Negative	Numeric	NM	100846^MDT_PROG_TACHY_ZONE_THERAPIES_4_SHOCKTHERAPY_PULSEWIDTHNEGATIVE^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Pulse Width Negative	Numeric	NM	100847^MDT_PROG_TACHY_ZONE_THERAPIES_5_SHOCKTHERAPY_PULSEWIDTHNEGATIVE^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Pulse Width Negative	Numeric	NM	100848^MDT_PROG_TACHY_ZONE_THERAPIES_6_SHOCKTHERAPY_PULSEWIDTHNEGATIVE^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Pulse Width Negative	Numeric	NM	100849^MDT_PROG_TACHY_ZONE_THERAPIES_7_SHOCKTHERAPY_PULSEWIDTHNEGATIVE^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Pulse Width Negative	Numeric	NM	100850^MDT_PROG_TACHY_ZONE_THERAPIES_8_SHOCKTHERAPY_PULSEWIDTHNEGATIVE^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Pulse Width Negative	Numeric	NM	100851^MDT_PROG_TACHY_ZONE_THERAPIES_9_SHOCKTHERAPY_PULSEWIDTHNEGATIVE^MDT	ms^milliseconds^UCUM
Encounter Programmed	Numeric	NM	100852^MDT_PROG_TACHY_ZONE_THERAPIES_10_SHOCKTHERAPY_PULSEWIDTHNEGATIVE^MDT	ms^milliseconds^UCUM

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Tachycardia Shock Therapy Pulse Width Negative				
Encounter Programmed Tachycardia Shock Therapy Pulse Width Negative	Numeric	NM	100853^MDT_PROG_TACHY_ZONE_THERAPIES_11_SHOCKTHERAPY_ PULSEWIDTHNEGATIVE^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Pulse Width Negative	Numeric	NM	100854^MDT_PROG_TACHY_ZONE_THERAPIES_12_SHOCKTHERAPY_ PULSEWIDTHNEGATIVE^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Pulse Width Negative	Numeric	NM	100855^MDT_PROG_TACHY_ZONE_THERAPIES_13_SHOCKTHERAPY_ PULSEWIDTHNEGATIVE^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Pulse Width Negative	Numeric	NM	100856^MDT_PROG_TACHY_ZONE_THERAPIES_14_SHOCKTHERAPY_ PULSEWIDTHNEGATIVE^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Pulse Width Negative	Numeric	NM	100857^MDT_PROG_TACHY_ZONE_THERAPIES_15_SHOCKTHERAPY_ PULSEWIDTHNEGATIVE^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Pulse Width Negative	Numeric	NM	100858^MDT_PROG_TACHY_ZONE_THERAPIES_16_SHOCKTHERAPY_ PULSEWIDTHNEGATIVE^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Pulse Width Negative	Numeric	NM	100859^MDT_PROG_TACHY_ZONE_THERAPIES_17_SHOCKTHERAPY_ PULSEWIDTHNEGATIVE^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Pulse Width Negative	Numeric	NM	100860^MDT_PROG_TACHY_ZONE_THERAPIES_18_SHOCKTHERAPY_ PULSEWIDTHNEGATIVE^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Pulse Width Negative	Numeric	NM	100861^MDT_PROG_TACHY_ZONE_THERAPIES_19_SHOCKTHERAPY_ PULSEWIDTHNEGATIVE^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Pulse Width Negative	Numeric	NM	100862^MDT_PROG_TACHY_ZONE_THERAPIES_20_SHOCKTHERAPY_ PULSEWIDTHNEGATIVE^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy	Numeric	NM	100863^MDT_PROG_TACHY_ZONE_THERAPIES_1_SHOCKTHERAPY_ PULSEWIDTHPOSITIVE^MDT	ms^milliseconds^UCUM

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Pulse Width Positive				
Encounter Programmed Tachycardia Shock Therapy Pulse Width Positive	Numeric	NM	100864^MDT_PROG_TACHY_ZONE_THERAPIES_2_SHOCKTHERAPY_ PULSEWIDTHPOSITIVE^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Pulse Width Positive	Numeric	NM	100865^MDT_PROG_TACHY_ZONE_THERAPIES_3_SHOCKTHERAPY_ PULSEWIDTHPOSITIVE^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Pulse Width Positive	Numeric	NM	100866^MDT_PROG_TACHY_ZONE_THERAPIES_4_SHOCKTHERAPY_ PULSEWIDTHPOSITIVE^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Pulse Width Positive	Numeric	NM	100867^MDT_PROG_TACHY_ZONE_THERAPIES_5_SHOCKTHERAPY_ PULSEWIDTHPOSITIVE^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Pulse Width Positive	Numeric	NM	100868^MDT_PROG_TACHY_ZONE_THERAPIES_6_SHOCKTHERAPY_ PULSEWIDTHPOSITIVE^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Pulse Width Positive	Numeric	NM	100869^MDT_PROG_TACHY_ZONE_THERAPIES_7_SHOCKTHERAPY_ PULSEWIDTHPOSITIVE^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Pulse Width Positive	Numeric	NM	100870^MDT_PROG_TACHY_ZONE_THERAPIES_8_SHOCKTHERAPY_ PULSEWIDTHPOSITIVE^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Pulse Width Positive	Numeric	NM	100871^MDT_PROG_TACHY_ZONE_THERAPIES_9_SHOCKTHERAPY_ PULSEWIDTHPOSITIVE^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Pulse Width Positive	Numeric	NM	100872^MDT_PROG_TACHY_ZONE_THERAPIES_10_SHOCKTHERAPY_ PULSEWIDTHPOSITIVE^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Pulse Width Positive	Numeric	NM	100873^MDT_PROG_TACHY_ZONE_THERAPIES_11_SHOCKTHERAPY_ PULSEWIDTHPOSITIVE^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Pulse Width Positive	Numeric	NM	100874^MDT_PROG_TACHY_ZONE_THERAPIES_12_SHOCKTHERAPY_ PULSEWIDTHPOSITIVE^MDT	ms^milliseconds^UCUM

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Programmed Tachycardia Shock Therapy Pulse Width Positive	Numeric	NM	100875^MDT_PROG_TACHY_ZONE_THERAPIES_13_SHOCKTHERAPY_ PULSEWIDTHPOSITIVE^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Pulse Width Positive	Numeric	NM	100876^MDT_PROG_TACHY_ZONE_THERAPIES_14_SHOCKTHERAPY_ PULSEWIDTHPOSITIVE^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Pulse Width Positive	Numeric	NM	100877^MDT_PROG_TACHY_ZONE_THERAPIES_15_SHOCKTHERAPY_ PULSEWIDTHPOSITIVE^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Pulse Width Positive	Numeric	NM	100878^MDT_PROG_TACHY_ZONE_THERAPIES_16_SHOCKTHERAPY_ PULSEWIDTHPOSITIVE^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Pulse Width Positive	Numeric	NM	100879^MDT_PROG_TACHY_ZONE_THERAPIES_17_SHOCKTHERAPY_ PULSEWIDTHPOSITIVE^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Pulse Width Positive	Numeric	NM	100880^MDT_PROG_TACHY_ZONE_THERAPIES_18_SHOCKTHERAPY_ PULSEWIDTHPOSITIVE^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Pulse Width Positive	Numeric	NM	100881^MDT_PROG_TACHY_ZONE_THERAPIES_19_SHOCKTHERAPY_ PULSEWIDTHPOSITIVE^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Pulse Width Positive	Numeric	NM	100882^MDT_PROG_TACHY_ZONE_THERAPIES_20_SHOCKTHERAPY_ PULSEWIDTHPOSITIVE^MDT	ms^milliseconds^UCUM
Encounter Programmed Tachycardia Shock Therapy Tilt Negative	Numeric	NM	100883^MDT_PROG_TACHY_ZONE_THERAPIES_1_SHOCKTHERAPY_ TILTNEGATIVE^MDT	%^percent^UCUM
Encounter Programmed Tachycardia Shock Therapy Tilt Negative	Numeric	NM	100884^MDT_PROG_TACHY_ZONE_THERAPIES_2_SHOCKTHERAPY_ TILTNEGATIVE^MDT	%^percent^UCUM
Encounter Programmed Tachycardia Shock Therapy Tilt Negative	Numeric	NM	100885^MDT_PROG_TACHY_ZONE_THERAPIES_3_SHOCKTHERAPY_ TILTNEGATIVE^MDT	%^percent^UCUM
Encounter Programmed Tachycardia Shock Therapy Tilt Negative	Numeric	NM	100886^MDT_PROG_TACHY_ZONE_THERAPIES_4_SHOCKTHERAPY_ TILTNEGATIVE^MDT	%^percent^UCUM

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Programmed Tachycardia Shock Therapy Tilt Negative	Numeric	NM	100887^MDT_PROG_TACHY_ZONE_THERAPIES_5_SHOCKTHERAPY_TILTNEGATIVE^MDT	%^percent^UCUM
Encounter Programmed Tachycardia Shock Therapy Tilt Negative	Numeric	NM	100888^MDT_PROG_TACHY_ZONE_THERAPIES_6_SHOCKTHERAPY_TILTNEGATIVE^MDT	%^percent^UCUM
Encounter Programmed Tachycardia Shock Therapy Tilt Negative	Numeric	NM	100889^MDT_PROG_TACHY_ZONE_THERAPIES_7_SHOCKTHERAPY_TILTNEGATIVE^MDT	%^percent^UCUM
Encounter Programmed Tachycardia Shock Therapy Tilt Negative	Numeric	NM	100890^MDT_PROG_TACHY_ZONE_THERAPIES_8_SHOCKTHERAPY_TILTNEGATIVE^MDT	%^percent^UCUM
Encounter Programmed Tachycardia Shock Therapy Tilt Negative	Numeric	NM	100891^MDT_PROG_TACHY_ZONE_THERAPIES_9_SHOCKTHERAPY_TILTNEGATIVE^MDT	%^percent^UCUM
Encounter Programmed Tachycardia Shock Therapy Tilt Negative	Numeric	NM	100892^MDT_PROG_TACHY_ZONE_THERAPIES_10_SHOCKTHERAPY_TILTNEGATIVE^MDT	%^percent^UCUM
Encounter Programmed Tachycardia Shock Therapy Tilt Negative	Numeric	NM	100893^MDT_PROG_TACHY_ZONE_THERAPIES_11_SHOCKTHERAPY_TILTNEGATIVE^MDT	%^percent^UCUM
Encounter Programmed Tachycardia Shock Therapy Tilt Negative	Numeric	NM	100894^MDT_PROG_TACHY_ZONE_THERAPIES_12_SHOCKTHERAPY_TILTNEGATIVE^MDT	%^percent^UCUM
Encounter Programmed Tachycardia Shock Therapy Tilt Negative	Numeric	NM	100895^MDT_PROG_TACHY_ZONE_THERAPIES_13_SHOCKTHERAPY_TILTNEGATIVE^MDT	%^percent^UCUM
Encounter Programmed Tachycardia Shock Therapy Tilt Negative	Numeric	NM	100896^MDT_PROG_TACHY_ZONE_THERAPIES_14_SHOCKTHERAPY_TILTNEGATIVE^MDT	%^percent^UCUM
Encounter Programmed Tachycardia Shock Therapy Tilt Negative	Numeric	NM	100897^MDT_PROG_TACHY_ZONE_THERAPIES_15_SHOCKTHERAPY_TILTNEGATIVE^MDT	%^percent^UCUM
Encounter Programmed Tachycardia Shock Therapy Tilt Negative	Numeric	NM	100898^MDT_PROG_TACHY_ZONE_THERAPIES_16_SHOCKTHERAPY_TILTNEGATIVE^MDT	%^percent^UCUM
Encounter Programmed Tachycardia Shock Therapy Tilt Negative	Numeric	NM	100899^MDT_PROG_TACHY_ZONE_THERAPIES_17_SHOCKTHERAPY_TILTNEGATIVE^MDT	%^percent^UCUM

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Programmed Tachycardia Shock Therapy Tilt Negative	Numeric	NM	100900^MDT_PROG_TACHY_ZONE_THERAPIES_18_SHOCKTHERAPY_TILTNEGATIVE^MDT	%^percent^UCUM
Encounter Programmed Tachycardia Shock Therapy Tilt Negative	Numeric	NM	100901^MDT_PROG_TACHY_ZONE_THERAPIES_19_SHOCKTHERAPY_TILTNEGATIVE^MDT	%^percent^UCUM
Encounter Programmed Tachycardia Shock Therapy Tilt Negative	Numeric	NM	100902^MDT_PROG_TACHY_ZONE_THERAPIES_20_SHOCKTHERAPY_TILTNEGATIVE^MDT	%^percent^UCUM
Encounter Programmed Tachycardia Shock Therapy Tilt Positive	Numeric	NM	100903^MDT_PROG_TACHY_ZONE_THERAPIES_1_SHOCKTHERAPY_TILTPOSITIVE^MDT	%^percent^UCUM
Encounter Programmed Tachycardia Shock Therapy Tilt Positive	Numeric	NM	100904^MDT_PROG_TACHY_ZONE_THERAPIES_2_SHOCKTHERAPY_TILTPOSITIVE^MDT	%^percent^UCUM
Encounter Programmed Tachycardia Shock Therapy Tilt Positive	Numeric	NM	100905^MDT_PROG_TACHY_ZONE_THERAPIES_3_SHOCKTHERAPY_TILTPOSITIVE^MDT	%^percent^UCUM
Encounter Programmed Tachycardia Shock Therapy Tilt Positive	Numeric	NM	100906^MDT_PROG_TACHY_ZONE_THERAPIES_4_SHOCKTHERAPY_TILTPOSITIVE^MDT	%^percent^UCUM
Encounter Programmed Tachycardia Shock Therapy Tilt Positive	Numeric	NM	100907^MDT_PROG_TACHY_ZONE_THERAPIES_5_SHOCKTHERAPY_TILTPOSITIVE^MDT	%^percent^UCUM
Encounter Programmed Tachycardia Shock Therapy Tilt Positive	Numeric	NM	100908^MDT_PROG_TACHY_ZONE_THERAPIES_6_SHOCKTHERAPY_TILTPOSITIVE^MDT	%^percent^UCUM
Encounter Programmed Tachycardia Shock Therapy Tilt Positive	Numeric	NM	100909^MDT_PROG_TACHY_ZONE_THERAPIES_7_SHOCKTHERAPY_TILTPOSITIVE^MDT	%^percent^UCUM
Encounter Programmed Tachycardia Shock Therapy Tilt Positive	Numeric	NM	100910^MDT_PROG_TACHY_ZONE_THERAPIES_8_SHOCKTHERAPY_TILTPOSITIVE^MDT	%^percent^UCUM
Encounter Programmed Tachycardia Shock Therapy Tilt Positive	Numeric	NM	100911^MDT_PROG_TACHY_ZONE_THERAPIES_9_SHOCKTHERAPY_TILTPOSITIVE^MDT	%^percent^UCUM
Encounter Programmed Tachycardia Shock Therapy Tilt Positive	Numeric	NM	100912^MDT_PROG_TACHY_ZONE_THERAPIES_10_SHOCKTHERAPY_TILTPOSITIVE^MDT	%^percent^UCUM

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Programmed Tachycardia Shock Therapy Tilt Positive	Numeric	NM	100913^MDT_PROG_TACHY_ZONE_THERAPIES_11_SHOCKTHERAPY_TILTPOSITIVE^MDT	%^percent^UCUM
Encounter Programmed Tachycardia Shock Therapy Tilt Positive	Numeric	NM	100914^MDT_PROG_TACHY_ZONE_THERAPIES_12_SHOCKTHERAPY_TILTPOSITIVE^MDT	%^percent^UCUM
Encounter Programmed Tachycardia Shock Therapy Tilt Positive	Numeric	NM	100915^MDT_PROG_TACHY_ZONE_THERAPIES_13_SHOCKTHERAPY_TILTPOSITIVE^MDT	%^percent^UCUM
Encounter Programmed Tachycardia Shock Therapy Tilt Positive	Numeric	NM	100916^MDT_PROG_TACHY_ZONE_THERAPIES_14_SHOCKTHERAPY_TILTPOSITIVE^MDT	%^percent^UCUM
Encounter Programmed Tachycardia Shock Therapy Tilt Positive	Numeric	NM	100917^MDT_PROG_TACHY_ZONE_THERAPIES_15_SHOCKTHERAPY_TILTPOSITIVE^MDT	%^percent^UCUM
Encounter Programmed Tachycardia Shock Therapy Tilt Positive	Numeric	NM	100918^MDT_PROG_TACHY_ZONE_THERAPIES_16_SHOCKTHERAPY_TILTPOSITIVE^MDT	%^percent^UCUM
Encounter Programmed Tachycardia Shock Therapy Tilt Positive	Numeric	NM	100919^MDT_PROG_TACHY_ZONE_THERAPIES_17_SHOCKTHERAPY_TILTPOSITIVE^MDT	%^percent^UCUM
Encounter Programmed Tachycardia Shock Therapy Tilt Positive	Numeric	NM	100920^MDT_PROG_TACHY_ZONE_THERAPIES_18_SHOCKTHERAPY_TILTPOSITIVE^MDT	%^percent^UCUM
Encounter Programmed Tachycardia Shock Therapy Tilt Positive	Numeric	NM	100921^MDT_PROG_TACHY_ZONE_THERAPIES_19_SHOCKTHERAPY_TILTPOSITIVE^MDT	%^percent^UCUM
Encounter Programmed Tachycardia Shock Therapy Tilt Positive	Numeric	NM	100922^MDT_PROG_TACHY_ZONE_THERAPIES_20_SHOCKTHERAPY_TILTPOSITIVE^MDT	%^percent^UCUM
Encounter Programmed Tachycardia Zone Committed Shock	ENUM	CWE	100923^MDT_PROG_TACHY_ZONE_SHAREDSETTINGS_COMMITTEDSHOCK^MDT	

Outbound OBX Statistics Message Segments

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Measured Device Battery Timestamp	DateTime	DTM	721216^MDC_IDC_MSMT_BATTERY_DTM^MDC	
Encounter Measured Device Battery Status	ENUM	CWE	721280^MDC_IDC_MSMT_BATTERY_STATUS^MDC	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Measured Device Battery Status RRT Trigger	String 50	ST	721600^MDC_IDC_MSMT_BATTERY_RRT_TRIGGER^MDC	
Encounter Measured Device Battery Remaining Longevity	Numeric	NM	721472^MDC_IDC_MSMT_BATTERY_REMAINING_LONGEVITY^MDC	mo^months^UCUM
Encounter Measured Device Battery Remaining Percentage	Numeric	NM	721536^MDC_IDC_MSMT_BATTERY_REMAINING_PERCENTAGE^MDC	%^percent^UCUM
Encounter Measured Device Battery Voltage	Numeric	NM	721344^MDC_IDC_MSMT_BATTERY_VOLTAGE^MDC	V^volts^UCUM
Encounter Measured Device Battery Impedance	Numeric	NM	721408^MDC_IDC_MSMT_BATTERY_IMPEDANCE^MDC	Ohm^ohms^UCUM
Encounter Measured Device Capacitor Last Full Energy Charge Type	ENUM	CWE	721856^MDC_IDC_MSMT_CAP_CHARGE_TYPE^MDC	
Encounter Measured Device Capacitor Last Full Energy Charge Timestamp	DateTime	DTM	721664^MDC_IDC_MSMT_CAP_CHARGE_DTM^MDC	
Encounter Measured Device Capacitor Last Full Energy Charge Interval	Numeric	NM	721728^MDC_IDC_MSMT_CAP_CHARGE_TIME^MDC	s^seconds^UCUM
Encounter Measured Device Capacitor Last Therapy Charge Energy	Numeric	NM	721792^MDC_IDC_MSMT_CAP_CHARGE_ENERGY^MDC	J^joules^UCUM
Encounter Measured Device Capacitor Last Full Energy Charge Voltage	Numeric	NM	100924^MDT_STAT_CAPACITOR_LASTCHARGE_VOLTAGE^MDT	V^volts^UCUM
Encounter Measured Left Ventricle Lead Low Power Channel Status	ENUM	CWE	721987^MDC_IDC_MSMT_LEADCHNL_LV_LEAD_CHANNEL_STATUS^MDC	
Encounter Measured Left Ventricle Lead Low Power Channel Sensing Integrity Counter Start Date	DateTime	DTM	100925^MDT_STAT_LEADS_LOWPOWERCHANNEL_LV_SENSINGINTEGRITYCOUNTER_STARTDATE^MDT	
Encounter Measured Left Ventricle Lead Low Power Channel Sensing Integrity Counter End Date	DateTime	DTM	100926^MDT_STAT_LEADS_LOWPOWERCHANNEL_LV_SENSINGINTEGRITYCOUNTER_ENDDATE^MDT	
Encounter Measured Left Ventricle Lead Low Power Channel Sensing Integrity Counter Count	Numeric	NM	100927^MDT_STAT_LEADS_LOWPOWERCHANNEL_LV_SENSINGINTEGRITYCOUNTER_COUNT^MDT	
Encounter Measured Left Ventricle Lead Low Power Channel Evoked Response	Numeric	NM	100928^MDT_STAT_LEADS_LOWPOWERCHANNEL_LV_EVOKEDRESPONSE^MDT	ms^milliseconds^UCUM
Encounter Measured Left Ventricle Lead Low Power Channel Polarization	Numeric	NM	100929^MDT_STAT_LEADS_LOWPOWERCHANNEL_LV_POLARIZATION^MDT	V^volts^UCUM
Encounter Measured Left Ventricle Lead Low Power Channel Impedance Measurement Value	Numeric	NM	722435^MDC_IDC_MSMT_LEADCHNL_LV_IMPEDANCE_VALUE^MDC	ohm^ohms^UCUM
Encounter Measured Left Ventricle Lead Low Power Channel Impedance Measurement Value	Numeric	NM	1001155^MDT_STAT_LEADS_LOWPOWERCHANNEL_LV_IMPEDANCE_MAXIMUM_VALUE^MDT	ohm^ohms^UCUM
Encounter Measured Left Ventricle Lead Low Power Channel Impedance Measurement Value	Numeric	NM	1001154^MDT_STAT_LEADS_LOWPOWERCHANNEL_LV_IMPEDANCE_MINIMUM_VALUE^MDT	ohm^ohms^UCUM
Encounter Measured Left Ventricle Lead Low Power Channel Impedance Measurement Value	Numeric	NM	1001156^MDT_STAT_LEADS_LOWPOWERCHANNEL_LV_IMPEDANCE_MEAN_VALUE^MDT	ohm^ohms^UCUM
Encounter Measured Left Ventricle Lead Low Power Channel Impedance Measurement Method	ENUM	ST	1001152^MDT_STAT_LEADS_LOWPOWERCHANNEL_LV_IMPEDANCE_METHOD^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Measured Left Ventricle Lead Low Power Channel Impedance Start Date	DateTime	DTM	1001158^MDT_STAT_LEADS_ LOWPOWERCHANNEL_LV_IMPEDANCE_ STARTDATE^MDT	
Encounter Measured Left Ventricle Lead Low Power Channel Impedance End Date	DateTime	DTM	1001159^MDT_STAT_LEADS_ LOWPOWERCHANNEL_LV_IMPEDANCE_ ENDDATE^MDT	
Encounter Measured Left Ventricle Lead Low Power Channel Impedance Method Variance	Numeric	NM	1001157^MDT_STAT_LEADS_ LOWPOWERCHANNEL_LV_IMPEDANCE_ METHOD_VARIANCE^MDT	d^day^UCUM
Encounter Measured Left Ventricle Lead Low Power Channel Impedance Polarity	ENUM	CWE	1001160^MDT_STAT_LEADS_ LOWPOWERCHANNEL_LV_IMPEDANCE_ POLARITY^MDT	
Encounter Measured Left Ventricle Lead Low Power Channel Impedance Polarity Type	ENUM	ST	1001161^MDT_STAT_LEADS_ LOWPOWERCHANNEL_LV_IMPEDANCES_ POLE_TYPE^MDT	
Encounter Measured Left Ventricle Lead Low Power Channel Impedance Pathway Location	ENUM	CWE	1001162^MDT_STAT_LEADS_ LOWPOWERCHANNEL_LV_IMPEDANCES_ POLE_LOCATION^MDT	
Encounter Measured Left Ventricle Lead Low Power Channel Impedance Pathway Electrode	ENUM	CWE	1001163^MDT_STAT_LEADS_ LOWPOWERCHANNEL_LV_IMPEDANCES_ POLE_ELECTRODE^MDT	
Encounter Measured Left Ventricle Lead Sensing Threshold Amplitude	Numeric	NM	722060^MDC_IDC_MSMT_ LEADCHNL_LV_SENSING_INTR_AMPL^MDC	mV^millivolts^UCUM
Encounter Measured Left Ventricle Lead Sensing Threshold Amplitude	Numeric	NM	1001191^MDT_STAT_LEADS_ LOWPOWERCHANNEL_LV_ SENSITIVITIES_MAXIMUM_VALUE^MDT	mV^millivolts^UCUM
Encounter Measured Left Ventricle Lead Sensing Threshold Amplitude	Numeric	NM	1001190^MDT_STAT_LEADS_ LOWPOWERCHANNEL_LV_ SENSITIVITIES_MINIMUM_VALUE^MDT	mV^millivolts^UCUM
Encounter Measured Left Ventricle Lead Sensing Threshold Amplitude	Numeric	NM	1001192^MDT_STAT_LEADS_ LOWPOWERCHANNEL_LV_ SENSITIVITIES_MEAN_VALUE^MDT	mV^millivolts^UCUM
Encounter Measured Left Ventricle Lead Sensing Threshold Measurement Method	ENUM	ST	1001188^MDT_STAT_LEADS_ LOWPOWERCHANNEL_LV_ SENSITIVITIES_METHOD^MDT	
Encounter Measured Left Ventricle Lead Sensing Threshold Start Date	DateTime	DTM	1001194^MDT_STAT_LEADS_ LOWPOWERCHANNEL_LV_ SENSITIVITIES_STARTDATE^MDT	
Encounter Measured Left Ventricle Lead Sensing Threshold End Date	DateTime	DTM	1001195^MDT_STAT_LEADS_ LOWPOWERCHANNEL_LV_ SENSITIVITIES_ENDDATE^MDT	
Encounter Measured Left Ventricle Lead Sensing Threshold Method Variance	Numeric	NM	1001193^MDT_STAT_LEADS_ LOWPOWERCHANNEL_LV_ SENSITIVITIES_METHOD_VARIANCE^MDT	d^day^UCUM
Encounter Measured Left Ventricle Lead Sensing Threshold Polarity	ENUM	CWE	1001196^MDT_STAT_LEADS_ LOWPOWERCHANNEL_LV_ SENSITIVITIES_POLARITY^MDT	
Encounter Measured Left Ventricle Lead Sensing Threshold Polarity Type	ENUM	ST	1001197^MDT_STAT_LEADS_ LOWPOWERCHANNEL_LV_ SENSITIVITIES_POLE_TYPE^MDT	
Encounter Measured Left Ventricle Lead Sensing Threshold Pathway Location	ENUM	CWE	1001198^MDT_STAT_LEADS_ LOWPOWERCHANNEL_LV_ SENSITIVITIES_POLE_LOCATION^MDT	
Encounter Measured Left Ventricle Lead Sensing Threshold Pathway Electrode	ENUM	CWE	1001199^MDT_STAT_LEADS_ LOWPOWERCHANNEL_LV_ SENSITIVITIES_POLE_ELECTRODE^MDT	
Encounter Measured Left Ventricle Lead Capture Threshold Amplitude	Numeric	NM	722179^MDC_IDC_MSMT_LEADCHNL_LV_ PACING_THRESHOLD_AMPLITUDE^MDC	V^volts^UCUM
Encounter Measured Left Ventricle Lead Capture Threshold Duration	Numeric	NM	722243^MDC_IDC_MSMT_LEADCHNL_ LV_PACING_THRESHOLD_PULSEWIDTH^MDC	ms^milliseconds^UCUM

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Measured Left Ventricle Lead Capture Threshold Measurement Method	ENUM	ST	1001234^MDT_STAT_LEADS_ LOWPOWERCHANNEL_LV_CAPTURES_ METHOD^MDT	
Encounter Measured Left Ventricle Lead Capture Threshold Start Date	DateTime	DTM	1001238^MDT_STAT_LEADS_ LOWPOWERCHANNEL_LV_CAPTURES_ STARTDATE^MDT	
Encounter Measured Left Ventricle Lead Capture Threshold End Date	DateTime	DTM	1001239^MDT_STAT_LEADS_ LOWPOWERCHANNEL_LV_CAPTURES_ ENDDATE^MDT	
Encounter Measured Left Ventricle Lead Capture Threshold Method Variance	Numeric	NM	1001237^MDT_STAT_LEADS_ LOWPOWERCHANNEL_LV_CAPTURES_ METHOD_VARIANCE^MDT	d^day^UCUM
Encounter Measured Left Ventricle Lead Capture Threshold Polarity	ENUM	CWE	1001240^MDT_STAT_LEADS_ LOWPOWERCHANNEL_LV_CAPTURES_ POLARITY^MDT	
Encounter Measured Left Ventricle Lead Capture Threshold Polarity Type	ENUM	ST	1001241^MDT_STAT_LEADS_ LOWPOWERCHANNEL_LV_CAPTURES_ POLE_TYPE^MDT	
Encounter Measured Left Ventricle Lead Capture Threshold Pathway Location	ENUM	CWE	1001242^MDT_STAT_LEADS_ LOWPOWERCHANNEL_LV_CAPTURES_ POLE_LOCATION^MDT	
Encounter Measured Left Ventricle Lead Capture Threshold Pathway Electrode	ENUM	CWE	1001243^MDT_STAT_LEADS_ LOWPOWERCHANNEL_LV_CAPTURES_ POLE_ELECTRODE^MDT	
Encounter Measured Right Atrium Lead Low Power Channel Status	ENUM	CWE	721984^MDC_IDC_MSMT_LEADCHNL_RA_ LEAD_CHANNEL_STATUS^MDC	
Encounter Measured Right Atrium Lead Low Power Channel Sensing Integrity Counter Start Date	DateTime	DTM	1001224^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RA_ SENSINGINTEGRITYCOUNTER_ STARTDATE^MDT	
Encounter Measured Right Atrium Lead Low Power Channel Sensing Integrity Counter End Date	DateTime	DTM	1001225^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RA_ SENSINGINTEGRITYCOUNTER_ ENDDATE^MDT	
Encounter Measured Right Atrium Lead Low Power Channel Sensing Integrity Counter Count	Numeric	NM	1001226^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RA_ SENSINGINTEGRITYCOUNTER_ COUNT^MDT	
Encounter Measured Right Atrium Lead Low Power Channel Evoked Response	Numeric	NM	1001227^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RA_ EVOKEDRESPONSE^MDT	ms^milliseconds^UCUM
Encounter Measured Right Atrium Lead Low Power Channel Polarization	Numeric	NM	1001228^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RA_ POLARIZATION^MDT	V^volts^UCUM
Encounter Measured Right Atrium Lead Low Power Channel Impedance Measurement Value	Numeric	NM	722432^MDC_IDC_MSMT_LEADCHNL_RA_ IMPEDANCE_VALUE^MDC	ohm^ohms^UCUM
Encounter Measured Right Atrium Lead Low Power Channel Impedance Measurement Value	Numeric	NM	1001167^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RA_IMPEDANCE_ MAXIMUM_VALUE^MDT	ohm^ohms^UCUM
Encounter Measured Right Atrium Lead Low Power Channel Impedance Measurement Value	Numeric	NM	1001166^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RA_IMPEDANCE_ MINIMUM_VALUE^MDT	ohm^ohms^UCUM
Encounter Measured Right Atrium Lead Low Power Channel Impedance Measurement Value	Numeric	NM	1001168^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RA_IMPEDANCE_ MEAN_VALUE^MDT	ohm^ohms^UCUM
Encounter Measured Right Atrium Lead Low Power Channel Impedance Measurement Method	ENUM	ST	1001164^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RA_IMPEDANCE_ METHOD^MDT	
Encounter Measured Right Atrium Lead Low Power Channel Impedance Start Date	DateTime	DTM	1001170^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RA_IMPEDANCE_ STARTDATE^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Measured Right Atrium Lead Low Power Channel Impedance End Date	DateTime	DTM	1001171^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RA_IMPEDANCE_ ENDDATE^MDT	
Encounter Measured Right Atrium Lead Low Power Channel Impedance Method Variance	Numeric	NM	1001169^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RA_IMPEDANCE_ METHOD_VARIANCE^MDT	d^day^UCUM
Encounter Measured Right Atrium Lead Low Power Channel Impedance Polarity	ENUM	CWE	1001172^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RA_IMPEDANCE_ POLARITY^MDT	
Encounter Measured Right Atrium Lead Low Power Channel Impedance Polarity Type	ENUM	ST	1001173^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RA_ IMPEDANCES_POLE_TYPE^MDT	
Encounter Measured Right Atrium Lead Low Power Channel Impedance Pathway Location	ENUM	CWE	1001174^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RA_ IMPEDANCES_POLE_LOCATION^MDT	
Encounter Measured Right Atrium Lead Low Power Channel Impedance Pathway Electrode	ENUM	CWE	1001175^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RA_ IMPEDANCES_POLE_ELECTRODE^MDT	
Encounter Measured Right Atrium Lead Sensing Threshold Amplitude	Numeric	NM	722048^MDC_IDC_MSMT_LEADCHNL_RA_ SENSING_INTR_AMPL^MDC	mV^millivolts^UCUM
Encounter Measured Right Atrium Lead Sensing Threshold Amplitude	Numeric	NM	1001203^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RA_ SENSITIVITIES_MAXIMUM_VALUE^MDT	mV^millivolts^UCUM
Encounter Measured Right Atrium Lead Sensing Threshold Amplitude	Numeric	NM	1001202^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RA_ SENSITIVITIES_MINIMUM_VALUE^MDT	mV^millivolts^UCUM
Encounter Measured Right Atrium Lead Sensing Threshold Amplitude	Numeric	NM	1001204^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RA_ SENSITIVITIES_MEAN_VALUE^MDT	mV^millivolts^UCUM
Encounter Measured Right Atrium Lead Sensing Threshold Measurement Method	ENUM	ST	1001200^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RA_ SENSITIVITIES_METHOD^MDT	
Encounter Measured Right Atrium Lead Sensing Threshold Start Date	DateTime	DTM	1001206^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RA_ SENSITIVITIES_STARTDATE^MDT	
Encounter Measured Right Atrium Lead Sensing Threshold End Date	DateTime	DTM	1001207^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RA_ SENSITIVITIES_ENDDATE^MDT	
Encounter Measured Right Atrium Lead Sensing Threshold Method Variance	Numeric	NM	1001205^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RA_ SENSITIVITIES_METHOD_VARIANCE^MDT	d^day^UCUM
Encounter Measured Right Atrium Lead Sensing Threshold Polarity	ENUM	CWE	1001208^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RA_ SENSITIVITIES_POLARITY^MDT	
Encounter Measured Right Atrium Lead Sensing Threshold Polarity Type	ENUM	ST	1001209^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RA_ SENSITIVITIES_POLE_TYPE^MDT	
Encounter Measured Right Atrium Lead Sensing Threshold Pathway Location	ENUM	CWE	1001210^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RA_ SENSITIVITIES_POLE_LOCATION^MDT	
Encounter Measured Right Atrium Lead Sensing Threshold Pathway Electrode	ENUM	CWE	1001211^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RA_ SENSITIVITIES_POLE_ELECTRODE^MDT	
Encounter Measured Right Atrium Lead Capture Threshold Amplitude	Numeric	NM	722176^MDC_IDC_MSMT_LEADCHNL_RA_ PACING_THRESHOLD_AMPLITUDE^MDC	V^volts^UCUM
Encounter Measured Right Atrium Lead Capture Threshold Duration	Numeric	NM	722240^MDC_IDC_MSMT_LEADCHNL_ RA_PACING_THRESHOLD_PULSEWIDTH^MDC	ms^milliseconds^UCUM
Encounter Measured Right Atrium Lead Capture Threshold Measurement Method	ENUM	ST	1001244^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RA_CAPTURES_ METHOD^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Measured Right Atrium Lead Capture Threshold Start Date	DateTime	DTM	1001248^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RA_CAPTURES_ STARTDATE^MDT	
Encounter Measured Right Atrium Lead Capture Threshold End Date	DateTime	DTM	1001249^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RA_CAPTURES_ ENDDATE^MDT	
Encounter Measured Right Atrium Lead Capture Threshold Method Variance	Numeric	NM	1001247^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RA_CAPTURES_ METHOD_VARIANCE^MDT	d^day^UCUM
Encounter Measured Right Atrium Lead Capture Threshold Polarity	ENUM	CWE	1001250^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RA_CAPTURES_ POLARITY^MDT	
Encounter Measured Right Atrium Lead Capture Threshold Polarity Type	ENUM	ST	1001251^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RA_CAPTURES_ POLE_TYPE^MDT	
Encounter Measured Right Atrium Lead Capture Threshold Pathway Location	ENUM	CWE	1001252^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RA_CAPTURES_ POLE_LOCATION^MDT	
Encounter Measured Right Atrium Lead Capture Threshold Pathway Electrode	ENUM	CWE	1001253^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RA_CAPTURES_ POLE_ELECTRODE^MDT	
Encounter Measured Right Ventricle Lead Low Power Channel Status	ENUM	CWE	721985^MDC_IDC_MSMT_LEADCHNL_RV_ LEAD_CHANNEL_STATUS^MDC	
Encounter Measured Right Ventricle Lead Low Power Channel Sensing Integrity Counter Start Date	DateTime	DTM	1001229^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RV_ SENSINGINTEGRITYCOUNTER_ STARTDATE^MDT	
Encounter Measured Right Ventricle Lead Low Power Channel Sensing Integrity Counter End Date	DateTime	DTM	1001230^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RV_ SENSINGINTEGRITYCOUNTER_ ENDDATE^MDT	
Encounter Measured Right Ventricle Lead Low Power Channel Sensing Integrity Counter Count	Numeric	NM	1001231^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RV_ SENSINGINTEGRITYCOUNTER_ COUNT^MDT	
Encounter Measured Right Ventricle Lead Low Power Channel Evoked Response	Numeric	NM	1001232^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RV_ EVOKEDRESPONSE^MDT	ms^milliseconds^UCUM
Encounter Measured Right Ventricle Lead Low Power Channel Polarization	Numeric	NM	1001233^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RV_ POLARIZATION^MDT	V^volts^UCUM
Encounter Measured Right Ventricle Lead Low Power Channel Impedance Measurement Value	Numeric	NM	722433^MDC_IDC_MSMT_LEADCHNL_RV_ IMPEDANCE_VALUE^MDC	ohm^ohms^UCUM
Encounter Measured Right Ventricle Lead Low Power Channel Impedance Measurement Value	Numeric	NM	1001179^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RV_IMPEDANCE_ MAXIMUM_VALUE^MDT	ohm^ohms^UCUM
Encounter Measured Right Ventricle Lead Low Power Channel Impedance Measurement Value	Numeric	NM	1001178^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RV_IMPEDANCE_ MINIMUM_VALUE^MDT	ohm^ohms^UCUM
Encounter Measured Right Ventricle Lead Low Power Channel Impedance Measurement Value	Numeric	NM	1001180^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RV_IMPEDANCE_ MEAN_VALUE^MDT	ohm^ohms^UCUM
Encounter Measured Right Ventricle Lead Low Power Channel Impedance Measurement Method	ENUM	ST	1001176^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RV_IMPEDANCE_ METHOD^MDT	
Encounter Measured Right Ventricle Lead Low Power Channel Impedance Start Date	DateTime	DTM	1001182^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RV_IMPEDANCE_ STARTDATE^MDT	
Encounter Measured Right Ventricle Lead Low Power Channel Impedance End Date	DateTime	DTM	1001183^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RV_IMPEDANCE_ ENDDATE^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Measured Right Ventricle Lead Low Power Channel Impedance Method Variance	Numeric	NM	1001181^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RV_IMPEDANCE_ METHOD_VARIANCE^MDT	d^day^UCUM
Encounter Measured Right Ventricle Lead Low Power Channel Impedance Polarity	ENUM	CWE	1001184^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RV_IMPEDANCE_ POLARITY^MDT	
Encounter Measured Right Ventricle Lead Low Power Channel Impedance Polarity Type	ENUM	ST	1001185^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RV_ IMPEDANCES_POLE_TYPE^MDT	
Encounter Measured Right Ventricle Lead Low Power Channel Impedance Pathway Location	ENUM	CWE	1001186^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RV_ IMPEDANCES_POLE_LOCATION^MDT	
Encounter Measured Right Ventricle Lead Low Power Channel Impedance Pathway Electrode	ENUM	CWE	1001187^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RV_ IMPEDANCES_POLE_ELECTRODE^MDT	
Encounter Measured Right Ventricle Lead Sensing Threshold Amplitude	Numeric	NM	722052^MDC_IDC_MSMT_LEADCHNL_RV_ SENSING_INTR_AMPL^MDC	mV^millivolts^UCUM
Encounter Measured Right Ventricle Lead Sensing Threshold Amplitude	Numeric	NM	1001215^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RV_ SENSITIVITIES_MAXIMUM_VALUE^MDT	mV^millivolts^UCUM
Encounter Measured Right Ventricle Lead Sensing Threshold Amplitude	Numeric	NM	1001214^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RV_ SENSITIVITIES_MINIMUM_VALUE^MDT	mV^millivolts^UCUM
Encounter Measured Right Ventricle Lead Sensing Threshold Amplitude	Numeric	NM	1001216^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RV_ SENSITIVITIES_MEAN_VALUE^MDT	mV^millivolts^UCUM
Encounter Measured Right Ventricle Lead Sensing Threshold Measurement Method	ENUM	ST	1001212^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RV_ SENSITIVITIES_METHOD^MDT	
Encounter Measured Right Ventricle Lead Sensing Threshold Start Date	DateTime	DTM	1001218^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RV_ SENSITIVITIES_STARTDATE^MDT	
Encounter Measured Right Ventricle Lead Sensing Threshold End Date	DateTime	DTM	1001219^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RV_ SENSITIVITIES_ENDDATE^MDT	
Encounter Measured Right Ventricle Lead Sensing Threshold Method Variance	Numeric	NM	1001217^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RV_ SENSITIVITIES_METHOD_VARIANCE^MDT	d^day^UCUM
Encounter Measured Right Ventricle Lead Sensing Threshold Polarity	ENUM	CWE	1001220^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RV_ SENSITIVITIES_POLARITY^MDT	
Encounter Measured Right Ventricle Lead Sensing Threshold Polarity Type	ENUM	ST	1001221^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RV_ SENSITIVITIES_POLE_TYPE^MDT	
Encounter Measured Right Ventricle Lead Sensing Threshold Pathway Location	ENUM	CWE	1001222^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RV_ SENSITIVITES_POLE_LOCATION^MDT	
Encounter Measured Right Ventricle Lead Sensing Threshold Pathway Electrode	ENUM	CWE	1001223^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RV_ SENSITIVITIES_POLE_ELECTRODE^MDT	
Encounter Measured Right Ventricle Lead Capture Threshold Amplitude	Numeric	NM	722177^MDC_IDC_MSMT_LEADCHNL_ RV_PACING_THRESHOLD_ AMPLITUDE^MDC	V^volts^UCUM
Encounter Measured Right Ventricle Lead Capture Threshold Duration	Numeric	NM	722241^MDC_IDC_MSMT_LEADCHNL_ RV_PACING_THRESHOLD_PULS EWIDTH^MDC	ms^milliseconds^UCUM
Encounter Measured Right Ventricle Lead Capture Threshold Measurement Method	ENUM	ST	1001254^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RV_CAPTURES_ METHOD^MDT	
Encounter Measured Right Ventricle Lead Capture Threshold Start Date	DateTime	DTM	1001258^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RV_CAPTURES_ STARTDATE^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Measured Right Ventricle Lead Capture Threshold End Date	DateTime	DTM	1001259^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RV_CAPTURES_ ENDDATE^MDT	
Encounter Measured Right Ventricle Lead Capture Threshold Method Variance	Numeric	NM	1001257^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RV_CAPTURES_ METHOD_VARIANCE^MDT	d^day^UCUM
Encounter Measured Right Ventricle Lead Capture Threshold Polarity	ENUM	CWE	1001260^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RV_CAPTURES_ POLARITY^MDT	
Encounter Measured Right Ventricle Lead Capture Threshold Polarity Type	ENUM	ST	1001261^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RV_CAPTURES_ POLE_TYPE^MDT	
Encounter Measured Right Ventricle Lead Capture Threshold Pathway Location	ENUM	CWE	1001262^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RV_CAPTURES_ POLE_LOCATION^MDT	
Encounter Measured Right Ventricle Lead Capture Threshold Pathway Electrode	ENUM	CWE	1001263^MDT_STAT_LEADS_ LOWPOWERCHANNEL_RV_CAPTURES_ POLE_ELECTRODE^MDT	
Encounter Measured Right Ventricle Lead High Power Channel Impedance Measurement Value	Numeric	NM	1001264^MDT_STAT_LEADS_ HIGHPOWERCHANNEL_IMPEDANCES_ MEASURED_VALUE^MDT	ohm^ohms^UCUM
Encounter Measured Right Ventricle Lead High Power Channel Impedance Measurement Value	Numeric	NM	1001266^MDT_STAT_LEADS_ HIGHPOWERCHANNEL_IMPEDANCES_ MAXIMUM_VALUE^MDT	ohm^ohms^UCUM
Encounter Measured Right Ventricle Lead High Power Channel Impedance Measurement Value	Numeric	NM	1001265^MDT_STAT_LEADS_ HIGHPOWERCHANNEL_IMPEDANCES_ MINIMUM_VALUE^MDT	ohm^ohms^UCUM
Encounter Measured Right Ventricle Lead High Power Channel Impedance Measurement Value	Numeric	NM	1001267^MDT_STAT_LEADS_ HIGHPOWERCHANNEL_IMPEDANCES_ MEAN_VALUE^MDT	ohm^ohms^UCUM
Encounter Measured Right Ventricle Lead High Power Channel Status	ENUM	CWE	1000961^MDT_STAT_LEADS_ HIGHPOWERCHANNEL_IMPEDANCES_ STATUS^MDT	
Encounter Measured Right Ventricle Lead High Power Channel Impedance Measurement Method	ENUM	ST	1000954^MDT_STAT_LEADS_ HIGHPOWERCHANNEL_IMPEDANCES_ METHOD^MDT	
Encounter Measured Right Ventricle Lead High Power Channel Impedance Method Variance	Numeric	NM	1000955^MDT_STAT_LEADS_ HIGHPOWERCHANNEL_IMPEDANCES_ METHOD_VARIANCE^MDT	d^day^UCUM
Encounter Measured Right Ventricle Lead High Power Channel Impedance Start Date	DateTime	DTM	1000959^MDT_STAT_LEADS_ HIGHPOWERCHANNEL_IMPEDANCES_ STARTDATE^MDT	
Encounter Measured Right Ventricle Lead High Power Channel Impedance End Date	DateTime	DTM	1000960^MDT_STAT_LEADS_ HIGHPOWERCHANNEL_IMPEDANCES_ ENDDATE^MDT	
Encounter Measured Right Ventricle Lead High Power Channel Impedance Polarity Type	ENUM	ST	1000956^MDT_STAT_LEADS_ HIGHPOWERCHANNEL_IMPEDANCES_ PATHWAY_POLE_TYPE^MDT	
Encounter Measured Right Ventricle Lead High Power Channel Impedance Pathway Location	ENUM	CWE	1000957^MDT_STAT_LEADS_ HIGHPOWERCHANNEL_IMPEDANCES_ PATHWAY_POLE_LOCATION^MDT	
Encounter Measured Right Ventricle Lead High Power Channel Impedance Pathway Electrode	ENUM	CWE	1000958^MDT_STAT_LEADS_ HIGHPOWERCHANNEL_IMPEDANCES_ PATHWAY_POLE_ELECTRODE^MDT	
Encounter Measured Physiological Measurements Since Last Counter Reset Start Date	DateTime	DTM	737617^MDC_IDC_STAT_HEART_RATE_ DTM_START^MDC	
Encounter Measured Physiological Measurements Since Last Counter Reset End Date	DateTime	DTM	737618^MDC_IDC_STAT_HEART_RATE_ DTM_END^MDC	
Encounter Measured Physiological Measurements Since Last Counter	Numeric	NM	737632^MDC_IDC_STAT_HEART_RATE_ ATRIAL^MDC	{beats}/min^heartbeats per minute^UCUM

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Reset Right Atrium Measured Heart Rate				
Encounter Measured Physiological Measurements Since Last Counter Reset Right Atrium Minimum Heart Rate	Numeric	NM	737634^MDC_IDC_STAT_HEART_RATE_ATRIAL_MIN^MDC	{beats}/min^heartbeats per minute^UCUM
Encounter Measured Physiological Measurements Since Last Counter Reset Right Atrium Maximum Heart Rate	Numeric	NM	737633^MDC_IDC_STAT_HEART_RATE_ATRIAL_MAX^MDC	{beats}/min^heartbeats per minute^UCUM
Encounter Measured Physiological Measurements Since Last Counter Reset Right Atrium Mean Heart Rate	Numeric	NM	737635^MDC_IDC_STAT_HEART_RATE_ATRIAL_MEAN^MDC	{beats}/min^heartbeats per minute^UCUM
Encounter Measured Physiological Measurements Since Last Counter Reset Right Ventricle Measured Heart Rate	Numeric	NM	737648^MDC_IDC_STAT_HEART_RATE_VENTRICULAR^MDC	{beats}/min^heartbeats per minute^UCUM
Encounter Measured Physiological Measurements Since Last Counter Reset Right Ventricle Minimum Heart Rate	Numeric	NM	737650^MDC_IDC_STAT_HEART_RATE_VENTRICULAR_MIN^MDC	{beats}/min^heartbeats per minute^UCUM
Encounter Measured Physiological Measurements Since Last Counter Reset Right Ventricle Maximum Heart Rate	Numeric	NM	737649^MDC_IDC_STAT_HEART_RATE_VENTRICULAR_MAX^MDC	{beats}/min^heartbeats per minute^UCUM
Encounter Measured Physiological Measurements Since Last Counter Reset Right Ventricle Mean Heart Rate	Numeric	NM	737651^MDC_IDC_STAT_HEART_RATE_VENTRICULAR_MEAN^MDC	{beats}/min^heartbeats per minute^UCUM
Encounter Measured Physiological Measurements Since Last Counter Reset Start Date	DateTime	DTM	1001098^MDT_STAT_DETECTIONS_THERAPIES_PHYSIOLOGICAL_SINCERESET_STARTDATE^MDT	
Encounter Measured Physiological Measurements Since Last Counter Reset End Date	DateTime	DTM	1001099^MDT_STAT_DETECTIONS_THERAPIES_PHYSIOLOGICAL_SINCERESET_ENDDATE^MDT	
Encounter Measured Physiological Measurements Since Last Counter Reset Right Atrium Measured Heart Rate	Numeric	NM	1001100^MDT_STAT_DETECTIONS_THERAPIES_PHYSIOLOGICAL_SINCERESET_HEART_RATE_ATRIAL^MDT	{beats}/min^heartbeats per minute^UCUM
Encounter Measured Physiological Measurements Since Last Counter Reset Right Atrium Minimum Heart Rate	Numeric	NM	1001101^MDT_STAT_DETECTIONS_THERAPIES_PHYSIOLOGICAL_SINCERESET_HEART_RATE_ATRIAL_MIN^MDT	{beats}/min^heartbeats per minute^UCUM
Encounter Measured Physiological Measurements Since Last Counter Reset Right Atrium Maximum Heart Rate	Numeric	NM	1001102^MDT_STAT_DETECTIONS_THERAPIES_PHYSIOLOGICAL_SINCERESET_HEART_RATE_ATRIAL_MAX^MDT	{beats}/min^heartbeats per minute^UCUM
Encounter Measured Physiological Measurements Since Last Counter Reset Right Atrium Mean Heart Rate	Numeric	NM	1001103^MDT_STAT_DETECTIONS_THERAPIES_PHYSIOLOGICAL_SINCERESET_HEART_RATE_ATRIAL_MEAN^MDT	{beats}/min^heartbeats per minute^UCUM
Encounter Measured Physiological Measurements Since Last Counter Reset Right Ventricle Measured Heart Rate	Numeric	NM	1001104^MDT_STAT_DETECTIONS_THERAPIES_PHYSIOLOGICAL_SINCERESET_HEART_RATE_VENTRICULAR^MDT	{beats}/min^heartbeats per minute^UCUM
Encounter Measured Physiological Measurements Since Last Counter Reset Right Ventricle Minimum Heart Rate	Numeric	NM	1001105^MDT_STAT_DETECTIONS_THERAPIES_PHYSIOLOGICAL_SINCERESET_HEART_RATE_VENTRICULAR_MIN^MDT	{beats}/min^heartbeats per minute^UCUM
Encounter Measured Physiological Measurements Since Last Counter Reset Right Ventricle Maximum Heart Rate	Numeric	NM	1001106^MDT_STAT_DETECTIONS_THERAPIES_PHYSIOLOGICAL_SINCERESET_HEART_RATE_VENTRICULAR_MAX^MDT	{beats}/min^heartbeats per minute^UCUM

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Measured Physiological Measurements Since Last Counter Reset Right Ventricle Mean Heart Rate	Numeric	NM	1001107^MDT_STAT_DETECTIONS_ THERAPIES_PHYSIOLOGICAL_ SINCERESET_HEART_RATE_ VENTRICULAR_MEAN^MDT	{beats}/min^heartbeats per minute^UCUM
Encounter Measured Physiological Measurements Lifetime Start Date	DateTime	DTM	1001108^MDT_STAT_DETECTIONS_ THERAPIES_PHYSIOLOGICAL_LIFETIME_ STARTDATE^MDT	
Encounter Measured Physiological Measurements Lifetime End Date	DateTime	DTM	1001109^MDT_STAT_DETECTIONS_ THERAPIES_PHYSIOLOGICAL_LIFETIME_ ENDDATE^MDT	
Encounter Measured Physiological Measurements Lifetime Right Atrium Measured Heart Rate	Numeric	NM	1001110^MDT_STAT_DETECTIONS_ THERAPIES_PHYSIOLOGICAL_LIFETIME_ HEART_RATE_ATRIAL^MDT	{beats}/min^heartbeats per minute^UCUM
Encounter Measured Physiological Measurements Lifetime Right Atrium Minimum Heart Rate	Numeric	NM	1001111^MDT_STAT_DETECTIONS_ THERAPIES_PHYSIOLOGICAL_LIFETIME_ HEART_RATE_ATRIAL_MIN^MDT	{beats}/min^heartbeats per minute^UCUM
Encounter Measured Physiological Measurements Lifetime Right Atrium Maximum Heart Rate	Numeric	NM	1001112^MDT_STAT_DETECTIONS_ THERAPIES_PHYSIOLOGICAL_LIFETIME_ HEART_RATE_ATRIAL_MAX^MDT	{beats}/min^heartbeats per minute^UCUM
Encounter Measured Physiological Measurements Lifetime Right Atrium Mean Heart Rate	Numeric	NM	1001113^MDT_STAT_DETECTIONS_ THERAPIES_PHYSIOLOGICAL_LIFETIME_ HEART_RATE_ATRIAL_MEAN^MDT	{beats}/min^heartbeats per minute^UCUM
Encounter Measured Physiological Measurements Lifetime Right Ventricle Measured Heart Rate	Numeric	NM	1001114^MDT_STAT_DETECTIONS_ THERAPIES_PHYSIOLOGICAL_LIFETIME_ HEART_RATE_VENTRICULAR^MDT	{beats}/min^heartbeats per minute^UCUM
Encounter Measured Physiological Measurements Lifetime Right Ventricle Minimum Heart Rate	Numeric	NM	1001115^MDT_STAT_DETECTIONS_ THERAPIES_PHYSIOLOGICAL_LIFETIME_ HEART_RATE_VENTRICULAR_MIN^MDT	{beats}/min^heartbeats per minute^UCUM
Encounter Measured Physiological Measurements Lifetime Right Ventricle Maximum Heart Rate	Numeric	NM	1001116^MDT_STAT_DETECTIONS_ THERAPIES_PHYSIOLOGICAL_LIFETIME_ HEART_RATE_VENTRICULAR_MAX^MDT	{beats}/min^heartbeats per minute^UCUM
Encounter Measured Physiological Measurements Lifetime Right Ventricle Mean Heart Rate	Numeric	NM	1001117^MDT_STAT_DETECTIONS_ THERAPIES_PHYSIOLOGICAL_LIFETIME_ HEART_RATE_VENTRICULAR_MEAN^MDT	{beats}/min^heartbeats per minute^UCUM
Encounter Measured Bradycardia Measurements Since Last Counter Reset Start Date	DateTime	DTM	737505^MDC_IDC_STAT_BRADY_DTM_ START^MDC	
Encounter Measured Bradycardia Measurements Since Last Counter Reset End Date	DateTime	DTM	737506^MDC_IDC_STAT_BRADY_DTM_ END^MDC	
Encounter Measured Bradycardia Measurements Since Last Counter Reset Left Ventricle Percent Paced	Numeric	NM	737792^MDC_IDC_STAT_CRT_LV_ PERCENT_PACED^MDC	%^percent^UCUM
Encounter Measured Bradycardia Measurements Since Last Counter Reset Right Ventricle Percent Paced	Numeric	NM	737536^MDC_IDC_STAT_BRADY_RV_ PERCENT_PACED^MDC	%^percent^UCUM
Encounter Measured Bradycardia Measurements Since Last Counter Reset Right Atrium Percent Paced	Numeric	NM	737520^MDC_IDC_STAT_BRADY_RA_ PERCENT_PACED^MDC	%^percent^UCUM
Encounter Measured Bradycardia Measurements Since Last Counter Reset AP VP Percent	Numeric	NM	737552^MDC_IDC_STAT_BRADY_AP_VP_ PERCENT^MDC	%^percent^UCUM
Encounter Measured Bradycardia Measurements Since Last Counter Reset AS VP Percent	Numeric	NM	737568^MDC_IDC_STAT_BRADY_AS_VP_ PERCENT^MDC	%^percent^UCUM
Encounter Measured Bradycardia Measurements Since Last Counter Reset AP VS Percent	Numeric	NM	737584^MDC_IDC_STAT_BRADY_AP_VS_ PERCENT^MDC	%^percent^UCUM
Encounter Measured Bradycardia Measurements Since Last Counter Reset AS VS Percent	Numeric	NM	737600^MDC_IDC_STAT_BRADY_AS_VS_ PERCENT^MDC	%^percent^UCUM

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Measured Bradycardia Measurements Since Last Counter Reset Start Date	DateTime	DTM	1001118^MDT_STAT_DETECTIONS_ THERAPIES_BRADYCARDIA_ SINCERESET_STARTDATE^MDT	
Encounter Measured Bradycardia Measurements Since Last Counter Reset End Date	DateTime	DTM	1001119^MDT_STAT_DETECTIONS_ THERAPIES_BRADYCARDIA_ SINCERESET_ENDDATE^MDT	
Encounter Measured Bradycardia Measurements Since Last Counter Reset Left Ventricle Percent Paced	Numeric	NM	1001120^MDT_STAT_DETECTIONS_ THERAPIES_BRADYCARDIA_ SINCERESET_PERCENTPACED_LV^MDT	%^percent^UCUM
Encounter Measured Bradycardia Measurements Since Last Counter Reset Right Ventricle Percent Paced	Numeric	NM	1001121^MDT_STAT_DETECTIONS_ THERAPIES_BRADYCARDIA_ SINCERESET_PERCENTPACED_RV^MDT	%^percent^UCUM
Encounter Measured Bradycardia Measurements Since Last Counter Reset Right Atrium Percent Paced	Numeric	NM	1001122^MDT_STAT_DETECTIONS_ THERAPIES_BRADYCARDIA_ SINCERESET_PERCENTPACED_RA^MDT	%^percent^UCUM
Encounter Measured Bradycardia Measurements Since Last Counter Reset AP VP Percent	Numeric	NM	1001123^MDT_STAT_DETECTIONS_ THERAPIES_BRADYCARDIA_ SINCERESET_APVPPERCENT^MDT	%^percent^UCUM
Encounter Measured Bradycardia Measurements Since Last Counter Reset AS VP Percent	Numeric	NM	1001124^MDT_STAT_DETECTIONS_ THERAPIES_BRADYCARDIA_ SINCERESET_ASVPPERCENT^MDT	%^percent^UCUM
Encounter Measured Bradycardia Measurements Since Last Counter Reset AP VS Percent	Numeric	NM	1001125^MDT_STAT_DETECTIONS_ THERAPIES_BRADYCARDIA_ SINCERESET_APVSPERCENT^MDT	%^percent^UCUM
Encounter Measured Bradycardia Measurements Since Last Counter Reset AS VS Percent	Numeric	NM	1001126^MDT_STAT_DETECTIONS_ THERAPIES_BRADYCARDIA_ SINCERESET_ASVSPERCENT^MDT	%^percent^UCUM
Encounter Measured Bradycardia Measurements Lifetime Start Date	DateTime	DTM	1001127^MDT_STAT_DETECTIONS_ THERAPIES_BRADYCARDIA_LIFETIME_ STARTDATE^MDT	
Encounter Measured Bradycardia Measurements Lifetime End Date	DateTime	DTM	1001128^MDT_STAT_DETECTIONS_ THERAPIES_BRADYCARDIA_LIFETIME_ ENDDATE^MDT	
Encounter Measured Bradycardia Measurements Lifetime Left Ventricle Percent Paced	Numeric	NM	1001129^MDT_STAT_DETECTIONS_ THERAPIES_BRADYCARDIA_LIFETIME_ PERCENTPACED_LV^MDT	%^percent^UCUM
Encounter Measured Bradycardia Measurements Lifetime Right Ventricle Percent Paced	Numeric	NM	1001130^MDT_STAT_DETECTIONS_ THERAPIES_BRADYCARDIA_LIFETIME_ PERCENTPACED_RV^MDT	%^percent^UCUM
Encounter Measured Bradycardia Measurements Lifetime Right Atrium Percent Paced	Numeric	NM	1001131^MDT_STAT_DETECTIONS_ THERAPIES_BRADYCARDIA_LIFETIME_ PERCENTPACED_RA^MDT	%^percent^UCUM
Encounter Measured Bradycardia Measurements Lifetime AP VP Percent	Numeric	NM	1001132^MDT_STAT_DETECTIONS_ THERAPIES_BRADYCARDIA_LIFETIME_ APVPPERCENT^MDT	%^percent^UCUM
Encounter Measured Bradycardia Measurements Lifetime AS VP Percent	Numeric	NM	1001133^MDT_STAT_DETECTIONS_ THERAPIES_BRADYCARDIA_LIFETIME_ ASVPPERCENT^MDT	%^percent^UCUM
Encounter Measured Bradycardia Measurements Lifetime AP VS Percent	Numeric	NM	1001134^MDT_STAT_DETECTIONS_ THERAPIES_BRADYCARDIA_LIFETIME_ APVSPERCENT^MDT	%^percent^UCUM
Encounter Measured Bradycardia Measurements Lifetime AS VS Percent	Numeric	NM	1001135^MDT_STAT_DETECTIONS_ THERAPIES_BRADYCARDIA_LIFETIME_ ASVSPERCENT^MDT	%^percent^UCUM
Encounter Measured Atrial Tachycardia Counters Since Last Counter Reset Start Date	DateTime	DTM	737665^MDC_IDC_STAT_AT_DTM_ START^MDC	
Encounter Measured Atrial Tachycardia Counters Since Last Counter Reset End Date	DateTime	DTM	737666^MDC_IDC_STAT_AT_DTM_ END^MDC	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Measured Atrial Tachycardia Counters Since Last Counter Reset AT AF Burden	Numeric	NM	737696^MDC_IDC_STAT_AT_BURDEN_PERCENT^MDC	%^percent^UCUM
Encounter Measured Atrial Tachycardia Counters Since Last Counter Reset Mode Switch Maximum Duration	Numeric	NM	737680^MDC_IDC_STAT_AT_MODE_SW_MAX_DURATION^MDC	s^seconds^UCUM
Encounter Measured Atrial Tachycardia Counters Since Last Counter Reset Mode Switch Count	Numeric	NM	737744^MDC_IDC_STAT_AT_MODE_SW_COUNT^MDC	
Encounter Measured Atrial Tachycardia Counters Since Last Counter Reset Mode Switch Burden	Numeric	NM	737712^MDC_IDC_STAT_AT_MODE_SW_PERCENT_TIME^MDC	%^percent^UCUM
Encounter Measured Atrial Tachycardia Counters Since Last Counter Reset Mode Switch Average Daily Count	Numeric	NM	737760^MDC_IDC_STAT_AT_MODE_SW_COUNT_PER_DAY^MDC	
Encounter Measured Atrial Tachycardia Counters Since Last Counter Reset Mode Switch Average Daily Burden	Numeric	NM	737728^MDC_IDC_STAT_AT_MODE_SW_PERCENT_TIME_PER_DAY^MDC	%^percent^UCUM
Encounter Measured Atrial Tachycardia Counters Since Last Counter Reset Start Date	DateTime	DTM	1001136^MDT_STAT_DETECTIONS_THERAPIES_ATRIALTACHYCARDIA_SINCERESET_STARTDATE^MDT	
Encounter Measured Atrial Tachycardia Counters Since Last Counter Reset End Date	DateTime	DTM	1001137^MDT_STAT_DETECTIONS_THERAPIES_ATRIALTACHYCARDIA_SINCERESET_ENDDATE^MDT	
Encounter Measured Atrial Tachycardia Counters Since Last Counter Reset AT AF Burden	Numeric	NM	1001138^MDT_STAT_DETECTIONS_THERAPIES_ATRIALTACHYCARDIA_SINCERESET_ATAFBURDEN^MDT	%^percent^UCUM
Encounter Measured Atrial Tachycardia Counters Since Last Counter Reset Mode Switch Maximum Duration	Numeric	NM	1001139^MDT_STAT_DETECTIONS_THERAPIES_ATRIALTACHYCARDIA_SINCERESET_MODESWITCH_MAXIMUMDURATION^MDT	s^seconds^UCUM
Encounter Measured Atrial Tachycardia Counters Since Last Counter Reset Mode Switch Count	Numeric	NM	1001140^MDT_STAT_DETECTIONS_THERAPIES_ATRIALTACHYCARDIA_SINCERESET_MODESWITCH_COUNT^MDT	
Encounter Measured Atrial Tachycardia Counters Since Last Counter Reset Mode Switch Burden	Numeric	NM	1001141^MDT_STAT_DETECTIONS_THERAPIES_ATRIALTACHYCARDIA_SINCERESET_MODESWITCH_BURDEN^MDT	%^percent^UCUM
Encounter Measured Atrial Tachycardia Counters Since Last Counter Reset Mode Switch Average Daily Count	Numeric	NM	1001142^MDT_STAT_DETECTIONS_THERAPIES_ATRIALTACHYCARDIA_SINCERESET_MODESWITCH_AVERAGEDAILYCOUNT^MDT	
Encounter Measured Atrial Tachycardia Counters Since Last Counter Reset Mode Switch Average Daily Burden	Numeric	NM	1001143^MDT_STAT_DETECTIONS_THERAPIES_ATRIALTACHYCARDIA_SINCERESET_MODESWITCH_AVERAGEDAILYBURDEN^MDT	%^percent^UCUM
Encounter Measured Atrial Tachycardia Counters Lifetime Start Date	DateTime	DTM	1001144^MDT_STAT_DETECTIONS_THERAPIES_ATRIALTACHYCARDIA_LIFETIME_STARTDATE^MDT	
Encounter Measured Atrial Tachycardia Counters Lifetime End Date	DateTime	DTM	1001145^MDT_STAT_DETECTIONS_THERAPIES_ATRIALTACHYCARDIA_LIFETIME_ENDDATE^MDT	
Encounter Measured Atrial Tachycardia Counters Lifetime AT AF Burden	Numeric	NM	1001146^MDT_STAT_DETECTIONS_THERAPIES_ATRIALTACHYCARDIA_LIFETIME_ATAFBURDEN^MDT	%^percent^UCUM
Encounter Measured Atrial Tachycardia Counters Lifetime Mode Switch Maximum Duration	Numeric	NM	1001147^MDT_STAT_DETECTIONS_THERAPIES_ATRIALTACHYCARDIA_LIFETIME_MODESWITCH_MAXIMUMDURATION^MDT	s^seconds^UCUM

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Measured Atrial Tachycardia Counters Lifetime Mode Switch Count	Numeric	NM	1001148^MDT_STAT_DETECTIONS_ THERAPIES_ATRIALTACHYCARDIA_ LIFETIME_MODESWITCH_COUNT^MDT	
Encounter Measured Atrial Tachycardia Counters Lifetime Mode Switch Burden	Numeric	NM	1001149^MDT_STAT_DETECTIONS_ THERAPIES_ATRIALTACHYCARDIA_ LIFETIME_MODESWITCH_BURDEN^MDT	%^percent^UCUM
Encounter Measured Atrial Tachycardia Counters Lifetime Mode Switch Average Daily Count	Numeric	NM	1001150^MDT_STAT_DETECTIONS_ THERAPIES_ATRIALTACHYCARDIA_ LIFETIME_MODESWITCH_ AVERAGEDAILYCOUNT^MDT	
Encounter Measured Atrial Tachycardia Counters Lifetime Mode Switch Average Daily Burden	Numeric	NM	1001151^MDT_STAT_DETECTIONS_ THERAPIES_ATRIALTACHYCARDIA_ LIFETIME_MODESWITCH_ AVERAGEDAILYBURDEN^MDT	%^percent^UCUM
Encounter Measured Heart Failure Counters Since Last Counter Reset Start Date	DateTime	DTM	737777^MDC_IDC_STAT_CRT_DTM_ START^MDC	
Encounter Measured Heart Failure Counters Since Last Counter Reset End Date	DateTime	DTM	737778^MDC_IDC_STAT_CRT_DTM_ END^MDC	
Encounter Measured Heart Failure Counters Since Last Counter Reset CRT Percent Paced	Numeric	NM	737808^MDC_IDC_STAT_CRT_PERCENT_ PACED^MDC	%^percent^UCUM
Encounter Measured Heart Failure Counters Since Last Counter Reset Start Date	DateTime	DTM	1001268^MDT_STAT_DETECTIONS_ THERAPIES_HEARTFAILURE_ SINCERESET_STARTDATE^MDT	
Encounter Measured Heart Failure Counters Since Last Counter Reset End Date	DateTime	DTM	1001269^MDT_STAT_DETECTIONS_ THERAPIES_HEARTFAILURE_ SINCERESET_ENDDATE^MDT	
Encounter Measured Heart Failure Counters Since Last Counter Reset CRT Percent Paced	Numeric	NM	1001270^MDT_STAT_DETECTIONS_ THERAPIES_HEARTFAILURE_ SINCERESET_CRTPERCENTPACED^MDT	%^percent^UCUM
Encounter Measured Heart Failure Counters Lifetime Start Date	DateTime	DTM	1001271^MDT_STAT_DETECTIONS_ THERAPIES_HEARTFAILURE_LIFETIME_ STARTDATE^MDT	
Encounter Measured Heart Failure Counters Lifetime End Date	DateTime	DTM	1001272^MDT_STAT_DETECTIONS_ THERAPIES_HEARTFAILURE_LIFETIME_ ENDDATE^MDT	
Encounter Measured Heart Failure Counters Lifetime CRT Percent Paced	Numeric	NM	1001273^MDT_STAT_DETECTIONS_ THERAPIES_HEARTFAILURE_LIFETIME_ CRTPERCENTPACED^MDT	%^percent^UCUM
Encounter Measured Tachycardia Detection Counters Since Last Counter Reset Episode Recent Count	Numeric	NM	738000^MDC_IDC_STAT_EPISODE_ RECENT_COUNT^MDC	
Encounter Measured Tachycardia Detection Counters Since Last Counter Reset Episode Type	ENUM	CWE	737952^MDC_IDC_STAT_EPISODE_ TYPE^MDC	
Encounter Measured Tachycardia Detection Episodes Since Last Counter Reset Vendor Type	ENUM	CWE	737984^MDC_IDC_STAT_ EPISODE_VENDOR_TYPE^MDC	
Encounter Measured Tachycardia Detection Counters Since Last Counter Reset Start Date	DateTime	DTM	738017^MDC_IDC_STAT_EPISODE_ RECENT_COUNT_DTM_START^MDC	
Encounter Measured Tachycardia Detection Counters Since Last Counter Reset End Date	DateTime	DTM	738018^MDC_IDC_STAT_EPISODE_ RECENT_COUNT_DTM_END^MDC	
Encounter Measured Tachycardia Detection Counters Since Last Counter Reset Extended High Rate / Sustained High Rate	Numeric	NM	1000986^MDT_STAT_DETECTIONS_ THERAPIES_TACHYCARDIA_ DETECTIONS_EXTENDEDHIGHRATE_ SUSTANEDHIGHRATE^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Measured Tachycardia Detection Counters Since Last Counter Reset Single PVCs	Numeric	NM	1000987^MDT_STAT_DETECTIONS_ THERAPIES_TACHYCARDIA_ DETECTIONS_SINGLEPVCS^MDT	
Encounter Measured Tachycardia Detection Counters Since Last Counter Reset Runs of PVCs	Numeric	NM	1000988^MDT_STAT_DETECTIONS_ THERAPIES_TACHYCARDIA_ DETECTIONS_RUNSOFPVCS^MDT	
Encounter Measured Tachycardia Detection Counters Since Last Counter Reset Episode Total Count	Numeric	NM	738032^MDC_IDC_STAT_EPISODE_ TOTAL_COUNT^MDC	
Encounter Measured Tachycardia Detection Counters Lifetime Start Date	DateTime	DTM	738049^MDC_IDC_STAT_EPISODE_ TOTAL_COUNT_DTM_START^MDC	
Encounter Measured Tachycardia Detection Counters Lifetime End Date	DateTime	DTM	738050^MDC_IDC_STAT_EPISODE_ TOTAL_COUNT_DTM_END^MDC	
Encounter Measured Tachycardia Detection Counters Lifetime Extended High Rate / Sustained High Rate	Numeric	NM	1000986^MDT_STAT_DETECTIONS_ THERAPIES_TACHYCARDIA_ DETECTIONS_EXTENDEDHIGHRATE_ SUSTANEDHIGHRATE^MDT	
Encounter Measured Tachycardia Detection Counters Lifetime Single PVCs	Numeric	NM	1000987^MDT_STAT_DETECTIONS_ THERAPIES_TACHYCARDIA_ DETECTIONS_SINGLEPVCS^MDT	
Encounter Measured Tachycardia Detection Counters Lifetime Runs of PVCs	Numeric	NM	1000988^MDT_STAT_DETECTIONS_ THERAPIES_TACHYCARDIA_ DETECTIONS_RUNSOFPVCS^MDT	
Encounter Measured Tachycardia Detection Counters Since Last Counter Reset Extended High Rate / Sustained High Rate	Numeric	NM	1000986^MDT_STAT_DETECTIONS_ THERAPIES_TACHYCARDIA_ DETECTIONS_EXTENDEDHIGHRATE_ SUSTANEDHIGHRATE^MDT	
Encounter Measured Tachycardia Detection Counters Since Last Counter Reset Single PVCs	Numeric	NM	1000987^MDT_STAT_DETECTIONS_ THERAPIES_TACHYCARDIA_ DETECTIONS_SINGLEPVCS^MDT	
Encounter Measured Tachycardia Detection Counters Since Last Counter Reset Runs of PVCs	Numeric	NM	1000988^MDT_STAT_DETECTIONS_ THERAPIES_TACHYCARDIA_ DETECTIONS_RUNSOFPVCS^MDT	
Encounter Measured Tachycardia Therapy Counters Since Last Counter Reset Right Ventricle Shocks Delivered	Numeric	NM	737824^MDC_IDC_STAT_ TACHYTHERAPY_SHOCKS_DELIVERED_ RECENT^MDC	
Encounter Measured Tachycardia Therapy Counters Since Last Counter Reset Right Ventricle Shocks Aborted	Numeric	NM	737856^MDC_IDC_STAT_ TACHYTHERAPY_SHOCKS_ABORTED_ RECENT^MDC	
Encounter Measured Tachycardia Therapy Counters Since Last Counter Reset Right Ventricle ATP Delivered	Numeric	NM	737888^MDC_IDC_STAT_ TACHYTHERAPY_ATP_DELIVERED_ RECENT^MDC	
Encounter Measured Tachycardia Therapy Counters Since Last Counter Reset Start Date	DateTime	DTM	737937^MDC_IDC_STAT_ TACHYTHERAPY_RECENT_DTM_ START^MDC	
Encounter Measured Tachycardia Therapy Counters Since Last Counter Reset End Date	DateTime	DTM	737938^MDC_IDC_STAT_ TACHYTHERAPY_RECENT_DTM_ END^MDC	
Encounter Measured Tachycardia Therapy Counters Lifetime Right Ventricle Shocks Delivered	Numeric	NM	737840^MDC_IDC_STAT_ TACHYTHERAPY_SHOCKS_DELIVERED_ TOTAL^MDC	
Encounter Measured Tachycardia Therapy Counters Lifetime Right Ventricle Shocks Aborted	Numeric	NM	737872^MDC_IDC_STAT_ TACHYTHERAPY_SHOCKS_ABORTED_ TOTAL^MDC	
Encounter Measured Tachycardia Therapy Counters Lifetime Right Ventricle ATP Delivered	Numeric	NM	737904^MDC_IDC_STAT_ TACHYTHERAPY_ATP_DELIVERED_ TOTAL^MDC	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Measured Tachycardia Therapy Counters Lifetime Start Date	DateTime	DTM	737921^MDC_IDC_STAT_ TACHYTHERAPY_TOTAL_DTM_ START^MDC	
Encounter Measured Tachycardia Therapy Counters Lifetime End Date	DateTime	DTM	737922^MDC_IDC_STAT_ TACHYTHERAPY_TOTAL_DTM_END^MDC	

Outbound OBX Episode Message Segments

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Episodes Last Cleared Date	DateTime	DTM	1000996^MDT_EPISODES_LASTCLEAREDDATE^MDT	
Encounter Episodes Last Interrogation Date	DateTime	DTM	1000997^MDT_EPISODES_LASTINTERROGATIONDATE^MDT	
Encounter Episodes Episode Id	Numeric	NM	739536^MDC_IDC_EPISODE_ID^MDC	
Encounter Episodes Episode Type	ENUM	CWE	739568^MDC_IDC_EPISODE_TYPE^MDC	
Encounter Episodes Episode Start	DateTime	DTM	739552^MDC_IDC_EPISODE_DTM^MDC	
Encounter Episodes Episode Duration	Numeric	NM	739712^MDC_IDC_EPISODE_DURATION^MDC	s^seconds^UCUM
Encounter Episodes Episode Number of ATP Sequences Delivered	Numeric	NM	1001100^MDT_EPISODES_EPISODE_ NUMBEROFATPSEQUENCESDELIVERED^MDT	
Encounter Episodes Episode Number of Shocks Delivered	Numeric	NM	1000998^MDT_EPISODES_EPISODE_ NUMBEROFSHOCKSDELIVERED^MDT	
Encounter Episodes Episode Result	ENUM	CWE	739696^MDC_IDC_EPISODE_THERAPY_RESULT^MDC	
Encounter Episodes Episode Average Atrial Rate	Numeric	NM	1000999^MDT_EPISODES_EPISODE_AVERAGEATRIALRATE^MDT	{beats}/min^heartbeats per minute^UCUM
Encounter Episodes Episode Average Ventricular Rate	Numeric	NM	1001000^MDT_EPISODES_EPISODE_AVERAGEVENTRICLERATE^MDT	{beats}/min^heartbeats per minute^UCUM
Encounter Episodes Episode Maximum Atrial Rate	Numeric	NM	1001001^MDT_EPISODES_EPISODE_MAXIMUMATRIALRATE^MDT	{beats}/min^heartbeats per minute^UCUM
Encounter Episodes Episode Maximum Ventricular Rate	Numeric	NM	1001002^MDT_EPISODES_EPISODE_MAXIMUMVENTRICLERATE^MDT	{beats}/min^heartbeats per minute^UCUM
Encounter Episodes	String 50	ST	1001003^MDT_EPISODES_EPISODE_ACTIVITYATONSET^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Episode Activity at Onset				
Encounter Episodes Episode Adjudication	ENUM	CWE	1001047^MDT_EPISODE_THERAPY_ADJUDICATION^MDT	
Encounter Episodes Episode Symptoms	String 80	ST	1001352^MDT_EPISODES_EPISODE_SYMPTOMS^MDT	
Encounter Episodes Episode Location	String 80	ST	1001353^MDT_EPISODES_EPISODE_LOCATION^MDT	
Encounter Episodes Episode Findings	String 255	ST	1001355^MDT_EPISODES_EPISODE_FINDINGS^MDT	
Encounter Episodes Episode Data Name	String 100	ST	1001004^MDT_EPISODES_EPISODE_EXTENDEDDATA_NAME^MDT	
Encounter Episodes Episode Data Value	String 50	ST	1001005^MDT_EPISODES_EPISODE_EXTENDEDDATA_VALUE^MDT	

Medtronic defined enumeration values

Encounter Episodes Episode Adjudication

You can map a Medtronic defined OBX-5 value for the following segment:

Parameter	Parameter type	OBX-2	OBX-3
Encounter Episodes Episode Adjudication	ENUM	CWE	1001047^MDT_EPISODE_THERAPY_ADJUDICATION^MDT

The OBX-5 value can be one of the following Medtronic defined values:

OBX-5-1	OBX-5-2	OBX-5-3
200200	MDT_EPISODE_THERAPY_ADJUDICATION_Appropriate	MDT
200201	MDT_EPISODE_THERAPY_ADJUDICATION_Inappropriate	MDT
200202	MDT_EPISODE_THERAPY_ADJUDICATION_Indeterminate	MDT

Outbound OBX Attachment Segments

Embedded PDF

HL7						Paceart	
OBX 2	OBX 3-1	OBX 3-3	OBX 3-4	OBX 3-5	Supported Values (OBX 5-5)	Parameter Name	Parameter Type
ED	18750-0	LN	Attachment File Name	Attachment Description	Base-64 Encoded	Attachment File	Binary 50 MB

Referenced PDF

HL7				Paceart	
OBX 2	**OBX 3-1**	**OBX 3-3**	**Supported Values OBX 5**	**Parameter Name**	**Parameter Type**
RP	18750-0	LN		Attachment File Name	String 260

Outbound OBX Observation Message Segments

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Observation Blood Pressure	String 25	ST	1001006^MDT_OBSERVATIONS_BLOODPRESSURE^MDT	
Encounter Observation Weight	String 20	ST	1001007^MDT_OBSERVATIONS_WEIGHT^MDT	
Encounter Observation Height	String 20	ST	1001008^MDT_OBSERVATIONS_HEIGHT^MDT	
Encounter Observation Body Mass Index	String 20	ST	1001009^MDT_OBSERVATIONS_BMI^MDT	
Encounter Evaluation Measured Cardiac Rate Minimum	Numeric	NM	1001010^MDT_OBSERVATIONS_ECG_MINRATE^MDT	
Encounter Evaluation Measured Cardiac Rate Maximum	Numeric	NM	1001011^MDT_OBSERVATIONS_ECG_MAXRATE^MDT	
Encounter Evaluation Measured PR Cardiac Interval Minimum	Numeric	NM	1001012^MDT_OBSERVATIONS_ECG_MINPR^MDT	
Encounter Evaluation Measured PR Cardiac Interval Maximum	Numeric	NM	1001013^MDT_OBSERVATIONS_ECG_MAXPR^MDT	
Encounter Evaluation Measured QRS Cardiac Interval Minimum	Numeric	NM	1001014^MDT_OBSERVATIONS_ECG_MINQRS^MDT	
Encounter Evaluation Measured QRS Cardiac Interval Maximum	Numeric	NM	1001015^MDT_OBSERVATIONS_ECG_MAXQRS^MDT	
Encounter Evaluation Measured QT Cardiac Interval Minimum	Numeric	NM	1001016^MDT_OBSERVATIONS_ECG_MINQT^MDT	
Encounter Evaluation Measured QT Cardiac Interval Maximum	Numeric	NM	1001017^MDT_OBSERVATIONS_ECG_MAXQT^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Evaluation Measured Bradycardia Presenting Cardiac Interval	Numeric	NM	1001018^MDT_OBSERVATIONS_ECG_PRESENTING^MDT	
Encounter Evaluation Measured Bradycardia Presenting AV Delay Interval	Numeric	NM	1001019^MDT_OBSERVATIONS_ECG_PRESENTINGAVD^MDT	
Encounter Evaluation Measured Bradycardia Magnet Cardiac Interval	Numeric	NM	1001020^MDT_OBSERVATIONS_ECG_MAGNET^MDT	
Encounter Evaluation Measured Bradycardia Magnet AV Delay Interval	Numeric	NM	1001021^MDT_OBSERVATIONS_ECG_MAGNETAVD^MDT	
Encounter Evaluation Measured Bradycardia Magnet Right Atrial Pacing Pulse Width	Numeric	NM	1001022^MDT_OBSERVATIONS_ECG_ADURATION^MDT	
Encounter Evaluation Measured Bradycardia Magnet Right Ventrical Pacing Pulse Width	Numeric	NM	1001023^MDT_OBSERVATIONS_ECG_VDURATION^MDT	
Encounter Observation Arrhythmia Symptoms	String 80	ST	1001024^MDT_OBSERVATIONS_ARRHYTHMIA_SYMPTOMS^MDT	
Encounter Observation Arrhythmia Location	String 80	ST	1001025^MDT_OBSERVATIONS_ARRHYTHMIA_LOCATION^MDT	
Encounter Observation Arrhythmia Activity	String 80	ST	1001026^MDT_OBSERVATIONS_ARRHYTHMIA_ACTIVITY^MDT	
Encounter Observation Arrhythmia Findings	String 255	ST	1001027^MDT_OBSERVATIONS_ARRHYTHMIA_FINDINGS^MDT	

Outbound OBX Evaluation Message Segments

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Evaluation Dependency	ENUM	ST	1001028^MDT_EVALUATION_DEPENDENCY^MDT	
Encounter Evaluation Rhythm	ENUM	ST	1001029^MDT_EVALUATION_RHYTHM^MDT	
Encounter Evaluation Observed Bradycardia	ENUM	ST	1001030^MDT_EVALUATION_LV_THRESHOLD_SENSING^MDT	

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Left Ventricle Sensing Assessment				
Encounter Evaluation Observed Bradycardia Left Ventricle Capture Assessment	ENUM	ST	1001031^MDT_EVALUATION_LV_THRESHOLD_CAPTURE^MDT	
Encounter Evaluation Observed Bradycardia Right Atrium Sensing Assessment	ENUM	ST	1001032^MDT_EVALUATION_RA_THRESHOLD_SENSING^MDT	
Encounter Evaluation Observed Bradycardia Right Atrium Capture Assessment	ENUM	ST	1001033^MDT_EVALUATION_RA_THRESHOLD_CAPTURE^MDT	
Encounter Evaluation Observed Bradycardia Right Ventricle Sensing Assessment	ENUM	ST	1001034^MDT_EVALUATION_RV_THRESHOLD_SENSING^MDT	
Encounter Evaluation Observed Bradycardia Right Ventricle Capture Assessment	ENUM	ST	1001035^MDT_EVALUATION_RV_THRESHOLD_CAPTURE^MDT	
Encounter Comment	String 65000	ST	1001036^MDT_EVALUATION_BRADYCOMMENT^MDT	
Encounter Comment	String 65000	ST	1001037^MDT_EVALUATION_TACHYCOMMENT^MDT	
Encounter Comment	String 65000	ST	1001038^MDT_EVALUATION_EPISODESCOMMENT^MDT	
Encounter Comment	String 65000	ST	1001039^MDT_EVALUATION_MISCELLANEOUSCOMMENT^MDT	

Outbound OBX Phone Message Segments

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Phone Note Caller	String 255	ST	1001040^MDT_PHONE_CALLER^MDT	
Phone Note Staff	String 255	ST	1001041^MDT_PHONE_STAFF^MDT	
Phone Note Reason	String 255	ST	1001042^MDT_PHONE_REASON^MDT	

Outbound OBX Miscellaneous Message Segments

Parameter	Parameter type	OBX-2	OBX-3	OBX-6
Encounter Description	String 255	ST	1001043^MDT_MISCELLANEOUS_DESCRIPTION^MDT	

HL7 Update Notes

This section describes updates to the structure and content of Inbound and Outbound HL7 messages during Mainspring Data Express development.

Mainspring Data Express Version 6.0 to 7.0

Mainspring Data Express version 7.0 includes updates to the Inbound Patient Identification (PID), Insurance (IN1), and OBX HL7 segments. Updates to Outbound HL7 messages include changes to the OBX Programming Bradycardia, Programming Tachycardia, Episode, and Encounter message segments.

The following tables describe these updates.

Inbound HL7 Message Updates

The following tables describe the Inbound HL7 message segment fields that have been updated in Mainspring Data Express version 7.0.

PID - Patient Identification Segment

Field	Description of change
PID-30.1	Updated Paceart values from "No, Yes" to "N, Y".

IN1 - Insurance Segment

Field	Description of change
IN1-3	Added mapping.
IN1-4	Added mapping.
IN1-8	Added mapping.
IN1-11	Added mapping.
IN1-12	Added mapping.
IN1-15	Added mapping.
IN1-16	Added mapping.
IN1-36	Added mapping.
IN1-49	Added mapping.

OBX - Observation Mapping

Parameter	Description of change
Encounter Programmed Tachycardia Zone Type	Updated Supported Values (OBX5).
Encounter Episodes Episode Type	Updated Supported Values (OBX5).

Outbound HL7 Message Updates

The following tables describe the Outbound HL7 message segment fields that have been updated in Mainspring Data Express version 7.0.

OBX - Encounter Message

Parameter	Description of change
Encounter Summary Indicator	Added mapping. Added Medtronic defined OBX-5 value.

OBX - Programming Bradycardia Message

Parameter	Description of change
Encounter Programmed Bradycardia Left Ventricle Sensing Pathway Summary	Added mapping.
Encounter Programmed Bradycardia Right Atrium Sensing Pathway Summary	Added mapping.
Encounter Programmed Bradycardia Right Ventricle Sensing Pathway Summary	Added mapping.
Encounter Programmed Bradycardia Left Ventricle Pacing Pathway Summary	Added mapping.
Encounter Programmed Bradycardia Right Atrium Pacing Pathway Summary	Added mapping.
Encounter Programmed Bradycardia Right Ventricle Pacing Pathway Summary	Added mapping.
Encounter Programmed Bradycardia Pacing Mode	Added Medtronic defined OBX-5 values.
Encounter Programmed Bradycardia Left Ventricle Sensing Amplitude Adaptation Mode	Added Medtronic defined OBX-5 value.

OBX - Programming Tachycardia Message

Parameter	Description of change
Encounter Programmed Tachycardia Zone Therapy Summary	Added mapping.

OBX - Episode Message

Parameter	Description of change
Encounter Episodes Episode Adjudication	Added mapping. Added Medtronic defined OBX-5 values.
Encounter Episodes Episode Symptoms	Added mapping.
Encounter Episodes Episode Location	Added mapping.
Encounter Episodes Episode Findings	Added mapping.

Mainspring Data Express Version 5.0 to 6.0

Mainspring Data Express version 6.0 includes updates to the Inbound Schedule Activity (SCH); Patient Identification (PID); Patient Visit (PV1); and Observation Requests (OBR) HL7 segments. Updates to Outbound HL7 messages include changes to the Patient Visit (PV1); NTE; Observation Request Message (OBR); and OBX Leads, Programming Bradycardia, Programming Tachycardia, Statistics, and Attachment message segments.

The following tables describe these updates.

Inbound HL7 Message Updates

The following tables describe the Inbound HL7 message segment fields that have been updated in Mainspring Data Express version 6.0.

Scheduling SCH - Schedule Activity Information

Field	Description of change
SCH-8	Added "PHONENOTE" to Paceart System Values.

PID - Patient Identification Segment

Field	Description of change
PID-3.1	Updated Occurrence from "1..20" to "2..21."
PID-3.5	Updated Occurrence from "1..20" to "2..21."
PID-8	Updated Paceart System values from "MALE, FEMALE, OTHER" to "F, f, M, m, O, o, U, u, A, a, N, n"
PID-13.1	Updated Occurrence from "1" to "N/A".
PID-14.1	Updated Occurrence from "1" to "N/A".
PID-15.1	Updated Paceart System values from "OTHER, MANDARIN, ENGLISH, HINDI, SPANISH, ARABIC, RUSSIAN, PORTUGUESE, BENGALI, MALAY_INDONESIAN, FRENCH, JAPANESE, GERMAN, FARSI_PERSIAN, URDU, PUNJABI, VIETNAMESE, TAMIL, WU, JAVANESE, TURKISH, TELUGU, KOREAN, MARATHI, ITALIAN, THAI, CANTONESE, GUJARATI, POLISH, KANNADA, BURMESE" to "English, French, Italian, German, Spanish, Mandarin, Hindi, Arabic, Russian, Portuguese, Bengali, Malay Indonesian, Japanese, Farsi Persian, Urdu, Punjabi, Vietnamese, Tamli, Wu, Javanese, Turkish, Telugu, Korean, Marathi, Thai , Cantonese, Gujarati, Polish, Kannada, Burmese, Other".
PID-16.1	Updated Paceart System values from "MARRIED, SINGLE, WIDOWED, DIVORCED, SEPARATED, UNDETERMINED, OTHER" to "A, a, D, d, M, m, S, s, W, w, C, c, G, g, P, p, R, r, E, e, N, n, I, i".
PID-30.1	Updated Paceart System values from "YES, NO" to "No, Yes".

PV1 - Patient Visit Information

Field	Description of change
PV1-2	Updated Occurrence from "1" to "N/A".

Observation Requests PID - Patient Identification Segment

Field	Description of change
PID-3.1	Added mapping.
PID-5.1	Updated Occurrence from "1" to "N/A".

Observation Requests OBR - Observation Request

Field	Description of change
OBR-7.1	Updated Parameter Name from "Transmission Date and Time" to "Encounter Date and Time".

Observation Requests OBR - Observation Request

Parameter	Description of change
Encounter Session Timestamp	Added mapping.
Encounter Programmed Bradycardia Right Atrium Sensing Pathway Location	Added row for "MDC_IDC_SET_ LEADCHNL_RA_SENSING_ ANODE_LOCATION".
Encounter Programmed Bradycardia Right Atrium Sensing Pathway Location	Added row for "MDC_IDC_SET_ LEADCHNL_RA_SENSING_ CATHODE_LOCATION".
Encounter Programmed Bradycardia Right Atrium Sensing Pathway Electrode	Added row for "MDC_IDC_SET_ LEADCHNL_RA_SENSING_ ANODE_ELECTRODE"
Encounter Programmed Bradycardia Right Atrium Sensing Pathway Electrode	Added row for "MDC_IDC_SET_ LEADCHNL_RA_SENSING_ CATHODE_ELECTRODE".
Encounter Programmed Bradycardia Right Ventricle Sensing Pathway Location	Added row for "MDC_IDC_SET_ LEADCHNL_RV_SENSING_ ANODE_LOCATION".
Encounter Programmed Bradycardia Right Ventricle Sensing Pathway Location	Added row for "MDC_IDC_SET_ LEADCHNL_RV_SENSING_ CATHODE_LOCATION".
Encounter Programmed Bradycardia Right Ventricle Sensing Pathway Electrode	Added row for "MDC_IDC_SET_ LEADCHNL_RV_SENSING_ ANODE_ELECTRODE".
Encounter Programmed Bradycardia Right Ventricle Sensing Pathway Electrode	Added row for "MDC_IDC_SET_ LEADCHNL_RV_SENSING_ CATHODE_ELECTRODE".
Encounter Programmed Bradycardia Left Atrium Sensing Amplitude	Added mapping.
Encounter Programmed Bradycardia Left Atrium Sensing Polarity	Added mapping.
Encounter Programmed Bradycardia Left Atrium Sensing Amplitude Adaptation Mode	Added mapping.
Encounter Programmed Bradycardia Left Atrium Sensing Pathway Location	Added mapping.

Parameter	Description of change
Encounter Programmed Bradycardia Left Atrium Sensing Pathway Electrode	Added mapping.
Encounter Programmed Bradycardia Left Ventricle Sensing Pathway Location	Added row for "MDC_IDC_SET_ LEADCHNL_LV_SENSING_ ANODE_LOCATION".
Encounter Programmed Bradycardia Left Ventricle Sensing Pathway Location	Added row for "MDC_IDC_SET_ LEADCHNL_LV_SENSING_ CATHODE_LOCATION".
Encounter Programmed Bradycardia Left Ventricle Sensing Pathway Electrode	Added row for "MDC_IDC_SET_ LEADCHNL_LV_SENSING_ ANODE_ELECTRODE".
Encounter Programmed Bradycardia Left Ventricle Sensing Pathway Electrode	Added row for "MDC_IDC_SET_ LEADCHNL_LV_SENSING_ CATHODE_ELECTRODE".
Encounter Programmed Bradycardia Right Atrium Pacing Pathway Location	Added row for "MDC_IDC_SET_ LEADCHNL_RA_PACING_ ANODE_LOCATION".
Encounter Programmed Bradycardia Right Atrium Pacing Pathway Location	Added row for "MDC_IDC_SET_ LEADCHNL_RA_PACING_ CATHODE_LOCATION".
Encounter Programmed Bradycardia Right Atrium Pacing Pathway Electrode	Added row for "MDC_IDC_SET_ LEADCHNL_RA_PACING_ ANODE_ELECTRODE".
Encounter Programmed Bradycardia Right Atrium Pacing Pathway Electrode	Added row for "MDC_IDC_SET_ LEADCHNL_RA_PACING_ CATHODE_ELECTRODE".
Encounter Programmed Bradycardia Right Ventricle Pacing Pathway Location	Added row for "MDC_IDC_SET_ LEADCHNL_RV_PACING_ ANODE_LOCATION".
Encounter Programmed Bradycardia Right Ventricle Pacing Pathway Location	Added row for "MDC_IDC_SET_ LEADCHNL_RV_PACING_ CATHODE_LOCATION".
Encounter Programmed Bradycardia Right Ventricle Pacing Pathway Electrode	Added row for "MDC_IDC_SET_ LEADCHNL_RV_PACING_ ANODE_ELECTRODE".
Encounter Programmed Bradycardia Right Ventricle Pacing Pathway Electrode	Added row for "MDC_IDC_SET_ LEADCHNL_RV_PACING_ CATHODE_ELECTRODE".
Encounter Programmed Bradycardia Left Atrium Pacing Amplitude	Added mapping.
Encounter Programmed Bradycardia Left Atrium Pacing Pulse Width	Added mapping.
Encounter Programmed Bradycardia Left Atrium Pacing Polarity	Added mapping.
Encounter Programmed Bradycardia Left Atrium Pacing Adaptation Mode	Added mapping.
Encounter Programmed Bradycardia Left Atrium Pacing Pathway Location	Added mapping.

Parameter	Description of change
Encounter Programmed Bradycardia Left Atrium Pacing Pathway Electrode	Added mapping.
Encounter Programmed Bradycardia Left Ventricle Pacing Pathway Location	Added row for "MDC_IDC_SET_ LEADCHNL_LV_PACING_ ANODE_LOCATION".
Encounter Programmed Bradycardia Left Ventricle Pacing Pathway Location	Added row for "MDC_IDC_SET_ LEADCHNL_LV_ PACING_CATHODE_LOCATION".
Encounter Programmed Bradycardia AV Delay Sensed	Renamed to "Encounter Programmed Bradycardia AV Delay Adaptive Sensed Minimum".
Encounter Programmed Bradycardia AV Delay Adaptive Sensed Minimum	Renamed to "Encounter Programmed Bradycardia AV Delay Sensed".
Encounter Programmed Bradycardia AV Delay Paced	Renamed to "Encounter Programmed Bradycardia AV Delay Adaptive Paced Minimum
Encounter Programmed Bradycardia AV Delay Adaptive Paced Minimum	Renamed to "Encounter Programmed Bradycardia AV Delay Paced".
Encounter Programmed Bradycardia Automatic Mode Switch Therapy Pacing Rate	Renamed to "Encounter Programmed Bradycardia Automatic Mode Switch Detection Criteria Rate".
Encounter Programmed Tachycardia Zone Type	Updated Supported Values (OBX5).
Encounter Programmed Tachycardia Zone Detection Status	Updated Supported Values (OBX5).
Encounter Episodes Episode Type	Updated Supported Values (OBX5).
Embedded PDF	Added descriptions for OBX 3-4, OBX 3-5.

Outbound HL7 Message Updates

The following tables describe the Outbound HL7 message segment fields that have been updated in Mainspring Data Express version 6.0.

PV1 - Patient Visit Message

Parameter	Description of change
Patient Location of Care	Added mapping.

NTE Message

Parameter	Description of change
Patient Record Comment	Added mapping.

OBR Message

Parameter	Description of change
Provider Code	Changed to "REFERRING1 Provider Code".
Provider Last Name	Changed to "REFERRING1 Provider Last Name".
Provider First Name	Changed to "REFERRING1 Provider First Name".
Provider Middle Initial	Changed to "REFERRING1 Provider Middle Initial".
Provider Credentials	Changed to "REFERRING1 Provider Credentials".
Encounter Lock	Changed from "Encounter Lock value is "C" for corrected." to "Encounter Lock value is "A" for amended."
Provider Code	Updated Occurrence from "N/A" to "1". Changed Occurence 1 to "REFERRING2 Provider Code".
Provider Last Name	Updated Occurrence from "N/A" to "1". Changed Occurence 1 to "REFERRING2 Provider Last Name".
Provider First Name	Updated Occurrence from "N/A" to "1". Changed Occurence 1 to "REFERRING2 Provider First Name".
Provider Middle Initial	Updated Occurrence from "N/A" to "1". Changed Occurence 1 to "REFERRING2 Provider Middle Initial".
Provider Credentials	Updated Occurrence from "N/A" to "1". Changed Occurence 1 to "REFERRING2 Provider Credentials".
Provider Code	Updated Occurrence from "N/A" to "2". Changed Occurence 2 to "REFERRING3 Provider Code".
Provider Last Name	Updated Occurrence from "N/A" to "2". Changed Occurence 2 to "REFERRING3 Provider Last Name".
Provider First Name	Updated Occurrence from "N/A" to "2". Changed Occurence 2 to "REFERRING3 Provider First Name".
Provider Middle Initial	Updated Occurrence from "N/A" to "2". Changed Occurence 2 to "REFERRING3 Provider Middle Initial".
Provider Credentials	Updated Occurrence from "N/A" to "2". Changed Occurence 2 to "REFERRING3 Provider Credentials".
Provider Code	Updated Occurrence from "N/A" to "3". Changed Occurence 3 to "FOLLOWING Provider Code".
Provider Last Name	Updated Occurrence from "N/A" to "3". Changed Occurence 3 to "FOLLOWING Provider Last Name".
Provider First Name	Updated Occurrence from "N/A" to "3". Changed Occurence 3 to "FOLLOWING Provider First Name".
Provider Middle Initial	Updated Occurrence from "N/A" to "3". Changed Occurence 3 to "FOLLOWING Provider Middle Initial".
Provider Credentials	Updated Occurrence from "N/A" to "3". Changed Occurence 3 to "FOLLOWING Provider Credentials".
Provider Code	Changed Sub-Component 1 to "Provider Code/Signer ID".

Parameter	Description of change
Provider Last Name	Changed Sub-Component 2 to "Provider Last Name/Signer Name".

OBX - Leads Message

Parameter	Description of change
Lead Manufacturer	Added mapping.
Lead Model	Added mapping.
Lead Serial Number	Added mapping.
Lead Implant Date	Added mapping.
Lead Chamber	Added mapping.
Lead Explanted Date	Added mapping.
Lead Abandoned Date	Added mapping.
Lead Partially Explanted Date	Added mapping.

OBX - Programming Bradycardia Message

Parameter	Description of change
Encounter Programmed Bradycardia AV Delay Sensed	Changed to "Encounter Programmed Bradycardia AV Delay Sensed Minimum".
Encounter Programmed Bradycardia AV Delay Paced	Changed to "Encounter Programmed Bradycardia AV Delay Paced Minimum".
Encounter Programmed Bradycardia AV Delay Adaptive Paced Minimum	Changed to "Encounter Programmed Bradycardia AV Delay Paced".
Encounter Programmed Bradycardia AV Delay Adaptive Sensed Minimum	Changed to "Encounter Programmed Bradycardia AV Delay Sensed".
Encounter Programmed Bradycardia Automatic Mode Switch Detection Criteria Rate	Changed "100014^MDT_PROG_BRADY_ AUTOMATICEMODESWITCH_DETECTION_ CRITERIA_RATE^MDT" to "731456^MDT_ IDC_SET_BRADY_AT_MODE_SWITCH^MDC".
Encounter Programmed Bradycardia Automatic Mode Switch Therapy Pacing Rate	Changed "731456^MDC_IDC_SET_BRADY_AT_ MODE_SWITCH_RATE^MDC" to "100019^MDT_PROG_BRADY_AUTOMATICEMODE SWITCH_THERAPY_RATE^MDT".

OBX - Programming Tachycardia Message

Parameter	Description of change
Encounter Programmed Tachycardia Vendor Type	Added mapping.

OBX - Statistics Message

Parameter	Description of change
Encounter Measured Tachycardia Detection Counters Since Last Counter Reset Episode Count	Removed mapping.
Encounter Measured Tachycardia Detection Counters Since Last Counter Reset Episode Type	Removed mapping.
Encounter Measured Tachycardia Therapy Counters Since Last Counter Reset Start Date	Removed mapping.
Encounter Measured Tachycardia Therapy Counters Since Last Counter Reset End Date	Removed mapping.
Encounter Measured Tachycardia Therapy Counters Since Last Counter Reset Right Ventricle Shocks Delivered	Removed mapping.
Encounter Measured Tachycardia Therapy Counters Since Last Counter Reset Right Ventricle Shocks Aborted	Removed mapping.
Encounter Measured Tachycardia Therapy Counters Since Last Counter Reset Right Ventricle ATP Delivered	Removed mapping.
Encounter Measured Tachycardia Therapy Counters Since Last Counter Reset Start Date	Removed mapping.
Encounter Measured Tachycardia Therapy Counters Since Last Counter Reset End Date	Removed mapping.
Encounter Measured Tachycardia Detection Episodes Since Last Counter Reset Vendor Type	Added mapping.

OBX - Attachment

Parameter	Description of change
Embedded PDF	Added mapping.
Referenced PDF	Added mapping.

Mainspring Data Express Version 4.0 to 5.0

Mainspring Data Express version 5.0 includes updates to the Inbound Schedule Activity (SCH) and Observation Requests Patient Identification (PID) HL7 segments. Updates to Outbound HL7 messages include changes to the Message Header (MSH); Observation Request Message (OBR); and OBX Session, Statistics, Episode, and Observation message segments.

The following tables describe these updates.

Inbound HL7 Message Updates

The following tables describe the Inbound HL7 message segment fields that have been updated in Mainspring Data Express version 5.0.

Scheduling SCH - Schedule Activity Information

Field	Description of change
SCH-25	Removed from HL7 message mapping.

Observation Requests PID - Patient Identification Segment

Field	Description of change
PID-3.1	Updated Occurrence from "2..20" to "2..21."
PID-3.5	Updated Occurrence from "2..20" to "2..21."

Outbound HL7 Message Updates

The following tables describe the Outbound HL7 message segment fields that have been updated in Mainspring Data Express version 5.0.

MSH - Message Header

Field	Description of change
MSH-3.1	Updated "OutboundSendingApplicationNamespaceID" value to "Paceart."
MSH-3.2	Removed from HL7 message mapping.
MSH-3.3	Removed from HL7 message mapping.
MSH-4.1	Updated "OutboundSendingFacilityNamespaceID" value to "Medtronic."
MSH-4.2	Removed from HL7 message mapping.
MSH-4.3	Removed from HL7 message mapping.
MSH-5.1	Removed from HL7 message mapping.
MSH-5.2	Removed from HL7 message mapping.
MSH-5.3	Removed from HL7 message mapping.
MSH-6.1	Removed from HL7 message mapping.
MSH-6.2	Removed from HL7 message mapping.
MSH-6.3	Removed from HL7 message mapping.
MSH-11.1	Updated "OutboundProcessingID" value to "P."
MSH-11.2	Removed from HL7 message mapping.
MSH-12.1	Updated "OutboundHL7Version" to "2.6."

PID - Patient Identification Message

Field	Description of change
PID-30	Changed parameter type to Boolean.

OBR - Observation Request

Field	Description of change
OBR-4.4	Added Encounter Type parameter.
OBR-4.5	Added Encounter Type parameter.
OBR-4.6	Added Encounter Type parameter.
OBR-32.1	Added Provider Code parameter.
OBR-32.2	Added Provider Last Name parameter.
OBR-32.3	Added Provider First Name parameter.
OBR-32.4	Added Provider Middle Initial parameter.
OBR-32.5	Added Provider Credentials parameter.

OBX - Session Message

Parameter	Description of change
Encounter Session Reprogrammed	Updated OBX-3 value.

OBX - Statistics Message

Parameter	Description of change
Encounter Measured Left Ventricle Lead Low Power Channel Impedance Measurement Value	Updated OBX-3 value.
Encounter Measured Left Ventricle Lead Sensing Threshold Amplitude	Updated OBX-3 value.
Encounter Measured Left Ventricle Lead Capture Threshold Amplitude	Updated OBX-3 value.
Encounter Measured Left Ventricle Lead Capture Threshold Duration	Updated OBX-3 value.
Encounter Measured Right Atrium Lead Low Power Channel Impedance Measurement Value	Updated OBX-3 value.
Encounter Measured Right Atrium Lead Low Power Channel Impedance Pathway Electrode	Updated OBX-3 value.
Encounter Measured Right Atrium Lead Sensing Threshold Amplitude	Updated OBX-3 value.
Encounter Measured Right Atrium Lead Capture Threshold Amplitude	Updated OBX-3 value.
Encounter Measured Right Atrium Lead Capture Threshold Duration	Updated OBX-3 value.
Encounter Measured Right Ventricle Lead Low Power Channel Impedance Measurement Value	Updated OBX-3 value.
Encounter Measured Right Ventricle Lead Sensing Threshold Amplitude	Updated OBX-3 value.
Encounter Measured Right Ventricle Lead Capture Threshold Amplitude	Updated OBX-3 value.

Parameter	Description of change
Encounter Measured Right Ventricle Lead Capture Threshold Duration	Updated OBX-3 value.

OBX - Episode Message

Parameter	Description of change
Encounter Episodes Episode Number of ATP Sequences Delivered	Updated OBX-3 value.

OBX - Observation Message

Parameter	Description of change
Encounter Evaluation Measured Cardiac Rate Minimum	Added mapping.
Encounter Evaluation Measured Cardiac Rate Maximum	Added mapping.
Encounter Evaluation Measured PR Cardiac Interval Minimum	Added mapping.
Encounter Evaluation Measured PR Cardiac Interval Maximum	Added mapping.
Encounter Evaluation Measured QRS Cardiac Interval Minimum	Added mapping.
Encounter Evaluation Measured QRS Cardiac Interval Maximum	Added mapping.
Encounter Evaluation Measured QT Cardiac Interval Minimum	Added mapping.
Encounter Evaluation Measured QT Cardiac Interval Maximum	Added mapping.
Encounter Evaluation Measured Bradycardia Presenting Cardiac Interval	Added mapping.
Encounter Evaluation Measured Bradycardia Presenting AV Delay Interval	Added mapping.
Encounter Evaluation Measured Bradycardia Magnet Cardiac Interval	Added mapping.
Encounter Evaluation Measured Bradycardia Magnet AV Delay Interval	Added mapping.
Encounter Evaluation Measured Bradycardia Magnet Right Atrial Pacing Pulse Width	Added mapping.
Encounter Evaluation Measured Bradycardia Magnet Right Ventrical Pacing Pulse Width	Added mapping.

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