**PedCath ORU Interface Requirements**

**Version 2.1**

**Prepared By: Tiffany Bohall**

**Date: 4/7/2016**

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# **Document Control**

## Resources

|  |  |  |
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| Tiffany Bohall | BayCare IS, Integration Analyst | [Tiffany.Bohall@BayCare.org](mailto:Tiffany.Bohall@BayCare.org) |
| Andy Calcagno | BayCare IS, Systems Programmer (Midrange team) | [Andy.Calcagno@baycare.org](mailto:Andy.Calcagno@baycare.org) |
|  |  |  |

## Project Distribution List

## Document Version Control

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Date** | **Modifier** | **Description** |
| V1.0 | 12/3/2015 | Tiffany Bohall | Originally Created |
| V2.0 | 1/8/2016 | Tiffany Bohall | Updated with final changes before go live |
| V2.1 | 4/7/2016 | Tiffany Bohall | Original go live postponed, new live date scheduled 4/27/16. Updated with final changes before latest go live date. |

# 1. Introduction

## 1.1 Purpose

The purpose of this document is to outline the requirements as established for the Ped Cath ORU interface and the intended audience is to encompass anyone who wishes to know more about the current results interface configuration.

## 1.2 Project Scope

Currently Philips software (Xper) does not have the Peds Arterial Tree templates that support Ped transcription using Ped Arterial trees. It would be very difficult to create this in the current menus plus in a timely manner before their go live of October 6th 2015. Philips also does not have a time or date of delivery for when they might be implementing this into their system if ever. As a result, it is the Scope of this implementation to provide this functionality utilizing the PedCath application.

## 1.4 Terminology Standards

### 1.4.1 Acronyms

Define the acronyms and their associated definitions used in this document. The acronyms should be listed in alphabetical order.

### 1.4.2 Glossary

List the terms that require definition with respect to Cloverleaf and the product whose requirements are defined in this document. The definitions are specific to this document and may not be identical to the definitions of these terms in common use.

## 1.5 Document References

**XPER Interface specifications:**

Are located on the Enterprise Integration SharePoint site:

* CVIS Xcelera, Xper and PedCath folder > Xper Connect HL7 Conformance Claim

**XPER Interface specifications (format of the order message being sent to PedCath):**

Are located on the Enterprise Integration SharePoint site:

* CVIS Xcelera, Xper and PedCath folder > Xper Connect Clinical Results Specification 1 5x

**PedCath Interface specifications:**

Are located on the Enterprise Integration SharePoint site:

* CVIS Xcelera, Xper and PedCath folder > Pedcath8 HL7 Specs v3.0

## 2.0 Diagram

Provide a solution diagram that depicts the integration of components specified in this IDBB. This diagram must include the data flow for the interfaces (source and target).



# 3. Requirements

## 3.1 Functional Requirements

Provide detail for the below functional requirements. The message transformation requirements for the components defined in this specification should be specified in section 4.2 of this document.

|  |  |  |
| --- | --- | --- |
| **Cloverleaf** |  |  |
| **Number** | **Requirement Name** | **Requirement Description** |
| FR.2015.12.3 | FTP delivery | The midrange team picks up the individual result files from the PedCath directory located on the NAS and delivers the files 7 days a week, every **15 minutes** to the Cloverleaf ftp\_data\_in directory. |
| FR.2015.12.3 | Xper to PedCath ADT delivery | ADT demographics from Soarian are delivered to PedCath via Xper Connect. This communication is handled outside of the Cloverleaf interface engine. |
| FR.2015.12.3 | Xper to PedCath Orders delivery | Cardiology orders from Cerner are delivered to PedCath via Xper Connect. This communication is handled outside of the Cloverleaf interface engine. |

## 3.2 Non-Functional Requirements –N/A

Provide concise detail for the below non-functional requirements. The below requirements must be evaluated for every project.

|  |  |  |
| --- | --- | --- |
| **Cloverleaf** |  |  |
| **Number** | **Requirement Name** | **Requirement Description** |
| NFR.20XX.1.0 | Click here to enter text. | Click here to enter text. |

## 3.3 Messaging Protocols

Below are listed the details for the messaging protocols that will be leveraged for this integration. Please see the reference document located on the Integration SharePoint server: <insert link to document here>

### 3.3.1 Inbound to BayCare’s Cloverleaf

* Fileset local connection: /tmp/ftp\_data\_in/pedcath

### 3.3.2 Outbound to the BayCare Cloverleaf –N/A

* Click here to enter text.

### 3.3.3 Inbound to the Vendor –N/A

* Click here to enter text.

### 3.3.4 Outbound to the Vendor –N/A

* Click here to enter text.

### 3.3.5 Inbound to BayCare’s Cerner –N/A

Test

Port Number: Click here to enter text.

IP Address: Click here to enter text.

Prod

Port Number: Click here to enter text.

IP Address:

### 3.3.6 Outbound to BayCare’s Cerner

Test C30

Port Number: 12107

IP Address: BAYCFLAPP5

Test M30

Port Number: 12112

IP Address: 159.140.43.200

Test B30

Port Number: 12111

IP Address: BAYCFLAPP6

Prod

Port Number: TBD

IP Address: TBD

# 4. HL7 Messaging

## 4.1 Messaging Format

HL7 2.3 cerner\_emr ORU\_R01

### 4.1.1 Segments

The segments utilized for this interface are:

MSH

PID

[ORC]

OBR

[OBX]

*Message Construction Notes:*

*[Square Brackets] – Optional*

*{Curly Brackets} – Repeatable*

*MSH – Message Header*

*EVN – Event segment*

*PID – Patient ID segment*

*PV1 – Patient Visit segment*

*ORC – Common Order segment*

*IN1 – Insurance segment*

*[{ – Start of optional, repeatable group*

*}] – End of optional, repeatable group*

### 4.1*.2* Messaging Event Types

Below are the messages types necessary for this integration

|  |  |
| --- | --- |
| **Event Type** | **Description** |
| ORU\_R01 | Standard Results Message |

### 4.1*.*3 Cloverleaf Configuration Files

Cloverleaf Configuration Files: pedcath\_cer\_oru.xlt

### 4.1.4 Cloverleaf Site Location

Cloverleaf site location: Cardiology test and Cardiology\_prod

## 4.2 Data Transformation Requirements

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Description** | **HL7 Field Loc.** | **Required Y/N** | **Data Type** | **Length** | **Notes** |
| Message header Segment | MSH | Y | Varies | Varies | Pathcopy the entire MSH segment |
| Sending Application | MSH.3 | Y | HD | 180 | Hard coding “PHILIPS” |
| Sending Facility | MSH.4 | Y | HD | 180 | Hard coding “PEDCATH” |
| Receiving Application | MSH.5 | Y | HD | 180 | Hard coding “POSTIMAGE” |
| Receiving Facility | MSH.6 | Y | HD | 180 | Copy |
| Version ID | MSH.12 | Y | ID | 8 | Hard coding “2.3” |
| Patient ID Internal | PID.3.0 | Y | CX | 25 | Copy |
| Patient ID type code | PID.3.4 | Y | CX | 25 | Hard coding “BCCPI” |
| Patient Name | PID.5 | Y | XPN | 48 | Copy |
| Patient account number ID | PID.18 | Y | CX | 30 | Copy |
| Patient account number ID type code | PID.18.4 | Y | CX | 30 | Hard coding “BCFN” |
| Order control | ORC.1 | Y | ID | 2 | Hard coding “RE” |
| Placer order number | ORC.2 | Y | EI | 25 | Copy from OBR.3 |
| Filler order number | ORC.3 | Y | EI | 50 | Copy from OBR.3 |
| Set ID | OBR.1 | Y | SI | 4 | Copy |
| Placer order number | OBR.2 | Y | EI | 25 | Copy from OBR.3 |
| Filler order number | OBR.3 | Y | EI | 50 | Copy |
| Universal service identifier ID | OBR.4.0 | Y | CE | 200 | Hard coding “PedCathDoc” |
| Universal service identifier text | OBR.4.1 | Y | CE | 200 | Hard Coding “Cardiac Cath Possible” |
| Observation date/time | OBR.7 | Y | TS | 26 | Copy |
| Results Rpt/Status Chng –Date/Time | OBR.22 | Y | TS | 26 | Copy with TCL proc that trims seconds from the time |
| Diagnostic Serv Sect ID | OBR.24 | Y | ID | 10 | Hard coding “MDOC” |
| Result status | OBR.25 | Y | ID | 1 | Copy |
| Principle result interpreter | OBR.32.0 | Y | CM | 200 | Copy |
| Set ID | OBX.1 | Y | SI | 10 | Iterate through all instances of repeating OBX segments and copy |
| Value Type | OBX.2 | Y | ID | 2 | Hard coding “TX” in all instances of repeating OBX |
| Observation Identifier | OBX.3 | Y | CE | 590 | Copy in all instances of repeating OBX |
| Observation Identifier ID | OBX.3.0 | Y | CE | 590 | Hard coding “PedCathDoc” in all instances of repeating OBX |
| Observation Sub-ID | OBX.4 | Y | ST | 20 | Hard coding “1” in all instances of repeating OBX |
| Observation Value | OBX.5 | Y | ST | -1 | Copy for all instances of repeating OBX |
| Units | OBX.6 | Y | CE | 60 | Copy for all instances of repeating OBX |
| Observ Result Status | OBX.11 | Y | ID | 2 | Copy for all instances of repeating OBX |
| Observation Identifier Text | OBX.3.1 | Y | CE | 590 | If OBX.3.1 = “REPORTEMBED” do the following….  \*for PDF processing\* |
| Value Type | OBX.2 | Y | ID | 2 | Hard code “ED”  \*for PDF processing\* |
| Observation Identifier | OBX.3.0 | Y | CE | 590 | Hard coding “PedCathDoc”  \*for PDF processing\* |
| Observation Identifier Text | OBX.3.1 | Y | CE | 590 | @null  \*for PDF processing\* |
| Observation Sub-ID | OBX.4 | Y | ST | 20 | Hard coding “2”  \*for PDF processing\* |
| Observation Value Text | OBX.5.0 | Y | ST | -1 | @null  \*for PDF processing\* |
| Observation Value | OBX.5.1 | Y | ST | -1 | Hard coding “APPLICATION”  \*for PDF processing\* |
| Observation Value | OBX.5.2 | Y | ST | -1 | Hard coding “PDF”  \*for PDF processing\* |
| Observation Value | OBX.5.3 | Y | ST | -1 | Hard coding “BASE64”  \*for PDF processing\* |
| Observation Value | OBX.5.4 | Y | ST | -1 | Copy  \*for PDF processing\* |
| User Defined Access Checks | OBX.13 | Y | ST | 20 | Hard coding “PedCath.pdf”  \*for PDF processing\* |
| Date/Time of the Observation | OBX.14 | Y | TS | 26 | Copy output from OBR.22 |

## 4.3 Sample Message

**INBOUND TO CLOVERLEAF:** I have removed a majority of the PDF encoding for the purposes of displaying an example message

MSH|^~\&|PedCath|||SJH|20160405135854||ORU^R01|PC720160405135854|P|2.3.1|||||||||

PID|||300147784||Saintj^Inpatient^||19900216^26^years|F||||||||||6000011534|||||||||||||

OBR|1||7649946609|10001^Case\_Demographics^^^^|||20160405|||||||||||||||20160405135854||CTH|F|||||||MSMITHER&Smitherman&Mark&&^^20160405135854||||||||||||||

OBX|1|ST|10012-01^TEXTREPORT|| St. Josephs Children's Hospital|TEXT|||||F|||20160405||||

OBX|2|ST|10012-01^TEXTREPORT|| Pediatric and Adult Congenital Cardiology|TEXT|||||F|||20160405||||

OBX|3|ST|10012-01^TEXTREPORT|| Cardiac Catheterization Laboratory|TEXT|||||F|||20160405||||

OBX|4|ST|10012-01^TEXTREPORT|| |TEXT|||||F|||20160405||||

OBX|5|ST|10012-01^TEXTREPORT|||TEXT|||||F|||20160405||||

OBX|6|ST|10012-01^TEXTREPORT|||TEXT|||||F|||20160405||||

OBX|7|ST|10012-01^TEXTREPORT||Saintj, Inpatient|TEXT|||||F|||20160405||||

OBX|8|ST|10012-01^TEXTREPORT||HRN: 300147784|TEXT|||||F|||20160405||||

OBX|9|ST|10012-01^TEXTREPORT||Gender: Female|TEXT|||||F|||20160405||||

OBX|10|ST|10012-01^TEXTREPORT||Attending: Mark Smitherman|TEXT|||||F|||20160405||||

OBX|11|ST|10012-01^TEXTREPORT|||TEXT|||||F|||20160405||||

OBX|12|ST|10012-01^TEXTREPORT||Cath Date: 04/05/2016|TEXT|||||F|||20160405||||

OBX|13|ST|10012-01^TEXTREPORT||Cath Number: 454547742874|TEXT|||||F|||20160405||||

OBX|14|ST|10012-01^TEXTREPORT||Account Number: 6000011534|TEXT|||||F|||20160405||||

OBX|15|ST|10012-01^TEXTREPORT||Accession Number: 7649946609|TEXT|||||F|||20160405||||

OBX|16|ST|10012-01^TEXTREPORT||Study GUID: |TEXT|||||F|||20160405||||

OBX|17|ST|10012-01^TEXTREPORT||Birth Date: 02/16/1990|TEXT|||||F|||20160405||||

OBX|18|ST|10012-01^TEXTREPORT||Age at cath: 26 years|TEXT|||||F|||20160405||||

OBX|19|ST|10012-01^TEXTREPORT||Weight: 0.0 kg|TEXT|||||F|||20160405||||

OBX|20|ST|10012-01^TEXTREPORT||Height: 0.0 cm|TEXT|||||F|||20160405||||

OBX|21|ST|10012-01^TEXTREPORT||Fluoro: 12.00 min|TEXT|||||F|||20160405||||

OBX|22|ST|10012-01^TEXTREPORT||Contrast: 357.00 mL|TEXT|||||F|||20160405||||

OBX|23|ST|10012-01^TEXTREPORT||Radiation Dose: 714.00 mGy|TEXT|||||F|||20160405||||

OBX|24|ST|10012-01^TEXTREPORT||Total DAP: 312 �Gy-M2|TEXT|||||F|||20160405||||

OBX|25|ST|10012-01^TEXTREPORT||Vein: |TEXT|||||F|||20160405||||

OBX|26|ST|10012-01^TEXTREPORT||Artery: |TEXT|||||F|||20160405||||

OBX|27|ST|10012-01^TEXTREPORT|||TEXT|||||F|||20160405||||

OBX|28|ST|10012-01^TEXTREPORT||Diagnosis/Procedure Comments:|TEXT|||||F|||20160405||||

OBX|29|ST|10012-01^TEXTREPORT||Test 1:58 PM 4/5/2016|TEXT|||||F|||20160405||||

OBX|30|ST|10012-01^TEXTREPORT|||TEXT|||||F|||20160405||||

OBX|31|ST|10012-01^TEXTREPORT||Comments:|TEXT|||||F|||20160405||||

OBX|32|ST|10012-01^TEXTREPORT||test 4/5/2016|TEXT|||||F|||20160405||||

OBX|33|ST|10012-01^TEXTREPORT|||TEXT|||||F|||20160405||||

OBX|34|ST|10012-01^TEXTREPORT||Set 1: BASELINE|TEXT|||||F|||20160405||||

OBX|35|ST|10012-01^TEXTREPORT||Heart Rate: 1 bpm|TEXT|||||F|||20160405||||

OBX|36|ST|10012-01^TEXTREPORT||VO2: 5 ml/min/m2|TEXT|||||F|||20160405||||

OBX|37|ST|10012-01^TEXTREPORT||Hemoglobin: 4.0 gm/dL|TEXT|||||F|||20160405||||

OBX|38|ST|10012-01^TEXTREPORT||Inspired O2: 2%|TEXT|||||F|||20160405||||

OBX|39|ST|10012-01^TEXTREPORT||pH: 6.00|TEXT|||||F|||20160405||||

OBX|40|ST|10012-01^TEXTREPORT||pCO2: 7.0|TEXT|||||F|||20160405||||

OBX|41|ST|10012-01^TEXTREPORT||pO2: 8.0|TEXT|||||F|||20160405||||

OBX|42|ST|10012-01^TEXTREPORT||HCO3: 9.0|TEXT|||||F|||20160405||||

OBX|43|ST|10012-01^TEXTREPORT||Thermo CO: 3.00 L/min|TEXT|||||F|||20160405||||

OBX|44|ST|10012-01^TEXTREPORT|||TEXT|||||F|||20160405||||

OBX|45|ST|10012-01^TEXTREPORT||%o2 Site Sys/A Dias/V Mean |TEXT|||||F|||20160405||||

OBX|46|ST|10012-01^TEXTREPORT||35 SVC |TEXT|||||F|||20160405||||

OBX|47|ST|10012-01^TEXTREPORT|| RA 5 |TEXT|||||F|||20160405||||

OBX|48|ST|10012-01^TEXTREPORT|| RV 2 |TEXT|||||F|||20160405||||

OBX|49|ST|10012-01^TEXTREPORT||1 PA 5 7 |TEXT|||||F|||20160405||||

OBX|50|ST|10012-01^TEXTREPORT|| RPA |TEXT|||||F|||20160405||||

OBX|51|ST|10012-01^TEXTREPORT|| LPA |TEXT|||||F|||20160405||||

OBX|52|ST|10012-01^TEXTREPORT|||TEXT|||||F|||20160405||||

OBX|53|ST|10012-01^TEXTREPORT||Right Left |TEXT|||||F|||20160405||||

OBX|54|ST|10012-01^TEXTREPORT||6 Wedge Mean 5 |TEXT|||||F|||20160405||||

OBX|55|ST|10012-01^TEXTREPORT|||TEXT|||||F|||20160405||||

OBX|56|ST|10012-01^TEXTREPORT||%O2 Site Sys/A Dias/V Mean |TEXT|||||F|||20160405||||

OBX|57|ST|10012-01^TEXTREPORT||7 LA |TEXT|||||F|||20160405||||

OBX|58|ST|10012-01^TEXTREPORT|| LV 7 9 |TEXT|||||F|||20160405||||

OBX|59|ST|10012-01^TEXTREPORT|| aAO |TEXT|||||F|||20160405||||

OBX|60|ST|10012-01^TEXTREPORT||2 dAO 7 5 3 |TEXT|||||F|||20160405||||

OBX|61|ST|10012-01^TEXTREPORT|||TEXT|||||F|||20160405||||

OBX|62|ST|10012-01^TEXTREPORT||Calculations:|TEXT|||||F|||20160405||||

OBX|63|ST|10012-01^TEXTREPORT||BSA = Missing Height and Weight|TEXT|||||F|||20160405||||

OBX|64|ST|10012-01^TEXTREPORT||Qp = |TEXT|||||F|||20160405||||

OBX|65|ST|10012-01^TEXTREPORT||Qs = |TEXT|||||F|||20160405||||

OBX|66|ST|10012-01^TEXTREPORT||Rp = |TEXT|||||F|||20160405||||

OBX|67|ST|10012-01^TEXTREPORT||Rs = |TEXT|||||F|||20160405||||

OBX|68|ST|10012-01^TEXTREPORT||Qp/Qs = Rp/Rs = |TEXT|||||F|||20160405||||

OBX|69|ST|10012-01^TEXTREPORT|||TEXT|||||F|||20160405||||

OBX|70|ED|10010-02^REPORTEMBED||PDF^TEXT^^Base64^JVBERi0xLjINCj……………………………………

**OUTBOUND TO CERNER:** I have removed a majority of the PDF encoding for the purposes of displaying an example message

MSH|^~\&|PHILIPS|PEDCATH|POSTIMAGE|SJH|20160405135854||ORU^R01|PC720160405135854|P|2.3

PID|||300147784^^^^BCCPI||Saintj^Inpatient|||||||||||||6000011534^^^^BCFN

ORC|RE|7649946609|7649946609

OBR|1|7649946609|7649946609|PedCathDoc^Cardiac Cath Possible|||20160405|||||||||||||||201604051358||MDOC|F|||||||MSMITHER

OBX|1|TX|PedCathDoc^TEXTREPORT|1| St. Josephs Children's Hospital|TEXT|||||F|||201604051358

OBX|2|TX|PedCathDoc^TEXTREPORT|1| Pediatric and Adult Congenital Cardiology|TEXT|||||F|||201604051358

OBX|3|TX|PedCathDoc^TEXTREPORT|1| Cardiac Catheterization Laboratory|TEXT|||||F|||201604051358

OBX|4|TX|PedCathDoc^TEXTREPORT|1| |TEXT|||||F|||201604051358

OBX|5|TX|PedCathDoc^TEXTREPORT|1||TEXT|||||F|||201604051358

OBX|6|TX|PedCathDoc^TEXTREPORT|1||TEXT|||||F|||201604051358

OBX|7|TX|PedCathDoc^TEXTREPORT|1|Saintj, Inpatient|TEXT|||||F|||201604051358

OBX|8|TX|PedCathDoc^TEXTREPORT|1|HRN: 300147784|TEXT|||||F|||201604051358

OBX|9|TX|PedCathDoc^TEXTREPORT|1|Gender: Female|TEXT|||||F|||201604051358

OBX|10|TX|PedCathDoc^TEXTREPORT|1|Attending: Mark Smitherman|TEXT|||||F|||201604051358

OBX|11|TX|PedCathDoc^TEXTREPORT|1||TEXT|||||F|||201604051358

OBX|12|TX|PedCathDoc^TEXTREPORT|1|Cath Date: 04/05/2016|TEXT|||||F|||201604051358

OBX|13|TX|PedCathDoc^TEXTREPORT|1|Cath Number: 454547742874|TEXT|||||F|||201604051358

OBX|14|TX|PedCathDoc^TEXTREPORT|1|Account Number: 6000011534|TEXT|||||F|||201604051358

OBX|15|TX|PedCathDoc^TEXTREPORT|1|Accession Number: 7649946609|TEXT|||||F|||201604051358

OBX|16|TX|PedCathDoc^TEXTREPORT|1|Study GUID: |TEXT|||||F|||201604051358

OBX|17|TX|PedCathDoc^TEXTREPORT|1|Birth Date: 02/16/1990|TEXT|||||F|||201604051358

OBX|18|TX|PedCathDoc^TEXTREPORT|1|Age at cath: 26 years|TEXT|||||F|||201604051358

OBX|19|TX|PedCathDoc^TEXTREPORT|1|Weight: 0.0 kg|TEXT|||||F|||201604051358

OBX|20|TX|PedCathDoc^TEXTREPORT|1|Height: 0.0 cm|TEXT|||||F|||201604051358

OBX|21|TX|PedCathDoc^TEXTREPORT|1|Fluoro: 12.00 min|TEXT|||||F|||201604051358

OBX|22|TX|PedCathDoc^TEXTREPORT|1|Contrast: 357.00 mL|TEXT|||||F|||201604051358

OBX|23|TX|PedCathDoc^TEXTREPORT|1|Radiation Dose: 714.00 mGy|TEXT|||||F|||201604051358

OBX|24|TX|PedCathDoc^TEXTREPORT|1|Total DAP: 312 �Gy-M2|TEXT|||||F|||201604051358

OBX|25|TX|PedCathDoc^TEXTREPORT|1|Vein: |TEXT|||||F|||201604051358

OBX|26|TX|PedCathDoc^TEXTREPORT|1|Artery: |TEXT|||||F|||201604051358

OBX|27|TX|PedCathDoc^TEXTREPORT|1||TEXT|||||F|||201604051358

OBX|28|TX|PedCathDoc^TEXTREPORT|1|Diagnosis/Procedure Comments:|TEXT|||||F|||201604051358

OBX|29|TX|PedCathDoc^TEXTREPORT|1|Test 1:58 PM 4/5/2016|TEXT|||||F|||201604051358

OBX|30|TX|PedCathDoc^TEXTREPORT|1||TEXT|||||F|||201604051358

OBX|31|TX|PedCathDoc^TEXTREPORT|1|Comments:|TEXT|||||F|||201604051358

OBX|32|TX|PedCathDoc^TEXTREPORT|1|test 4/5/2016|TEXT|||||F|||201604051358

OBX|33|TX|PedCathDoc^TEXTREPORT|1||TEXT|||||F|||201604051358

OBX|34|TX|PedCathDoc^TEXTREPORT|1|Set 1: BASELINE|TEXT|||||F|||201604051358

OBX|35|TX|PedCathDoc^TEXTREPORT|1|Heart Rate: 1 bpm|TEXT|||||F|||201604051358

OBX|36|TX|PedCathDoc^TEXTREPORT|1|VO2: 5 ml/min/m2|TEXT|||||F|||201604051358

OBX|37|TX|PedCathDoc^TEXTREPORT|1|Hemoglobin: 4.0 gm/dL|TEXT|||||F|||201604051358

OBX|38|TX|PedCathDoc^TEXTREPORT|1|Inspired O2: 2%|TEXT|||||F|||201604051358

OBX|39|TX|PedCathDoc^TEXTREPORT|1|pH: 6.00|TEXT|||||F|||201604051358

OBX|40|TX|PedCathDoc^TEXTREPORT|1|pCO2: 7.0|TEXT|||||F|||201604051358

OBX|41|TX|PedCathDoc^TEXTREPORT|1|pO2: 8.0|TEXT|||||F|||201604051358

OBX|42|TX|PedCathDoc^TEXTREPORT|1|HCO3: 9.0|TEXT|||||F|||201604051358

OBX|43|TX|PedCathDoc^TEXTREPORT|1|Thermo CO: 3.00 L/min|TEXT|||||F|||201604051358

OBX|44|TX|PedCathDoc^TEXTREPORT|1||TEXT|||||F|||201604051358

OBX|45|TX|PedCathDoc^TEXTREPORT|1|%o2 Site Sys/A Dias/V Mean |TEXT|||||F|||201604051358

OBX|46|TX|PedCathDoc^TEXTREPORT|1|35 SVC |TEXT|||||F|||201604051358

OBX|47|TX|PedCathDoc^TEXTREPORT|1| RA 5 |TEXT|||||F|||201604051358

OBX|48|TX|PedCathDoc^TEXTREPORT|1| RV 2 |TEXT|||||F|||201604051358

OBX|49|TX|PedCathDoc^TEXTREPORT|1|1 PA 5 7 |TEXT|||||F|||201604051358

OBX|50|TX|PedCathDoc^TEXTREPORT|1| RPA |TEXT|||||F|||201604051358

OBX|51|TX|PedCathDoc^TEXTREPORT|1| LPA |TEXT|||||F|||201604051358

OBX|52|TX|PedCathDoc^TEXTREPORT|1||TEXT|||||F|||201604051358

OBX|53|TX|PedCathDoc^TEXTREPORT|1|Right Left |TEXT|||||F|||201604051358

OBX|54|TX|PedCathDoc^TEXTREPORT|1|6 Wedge Mean 5 |TEXT|||||F|||201604051358

OBX|55|TX|PedCathDoc^TEXTREPORT|1||TEXT|||||F|||201604051358

OBX|56|TX|PedCathDoc^TEXTREPORT|1|%O2 Site Sys/A Dias/V Mean |TEXT|||||F|||201604051358

OBX|57|TX|PedCathDoc^TEXTREPORT|1|7 LA |TEXT|||||F|||201604051358

OBX|58|TX|PedCathDoc^TEXTREPORT|1| LV 7 9 |TEXT|||||F|||201604051358

OBX|59|TX|PedCathDoc^TEXTREPORT|1| aAO |TEXT|||||F|||201604051358

OBX|60|TX|PedCathDoc^TEXTREPORT|1|2 dAO 7 5 3 |TEXT|||||F|||201604051358

OBX|61|TX|PedCathDoc^TEXTREPORT|1||TEXT|||||F|||201604051358

OBX|62|TX|PedCathDoc^TEXTREPORT|1|Calculations:|TEXT|||||F|||201604051358

OBX|63|TX|PedCathDoc^TEXTREPORT|1|BSA = Missing Height and Weight|TEXT|||||F|||201604051358

OBX|64|TX|PedCathDoc^TEXTREPORT|1|Qp = |TEXT|||||F|||201604051358

OBX|65|TX|PedCathDoc^TEXTREPORT|1|Qs = |TEXT|||||F|||201604051358

OBX|66|TX|PedCathDoc^TEXTREPORT|1|Rp = |TEXT|||||F|||201604051358

OBX|67|TX|PedCathDoc^TEXTREPORT|1|Rs = |TEXT|||||F|||201604051358

OBX|68|TX|PedCathDoc^TEXTREPORT|1|Qp/Qs = Rp/Rs = |TEXT|||||F|||201604051358

OBX|69|TX|PedCathDoc^TEXTREPORT|1||TEXT|||||F|||201604051358

OBX|70|ED|PedCathDoc|2|^APPLICATION^PDF^BASE64^JVBERi0xLjINCj…………………………………….

# **5. Testing**

## 5.1. Unit Testing Scenarios –N/A

|  |  |
| --- | --- |
| **Scenario** | **Expected Result** |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

## 5.2 Integrated Testing Scenarios -N/A

|  |  |
| --- | --- |
| **Scenario** | **Expected Result** |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

## 5.3 Testing Approvals

|  |  |  |  |
| --- | --- | --- | --- |
| **Testing Phase** | **Date** | **Department** | **Team Member** |
| PH1.UNIT | 12/03/2015 | Diagnostic Imaging | Susan Benhart |
| PH1.INTEGRATED | 01/18/2016 | Diagnostic Imaging | Spencer Hart |

### 

## 5.3 Piloting –N/A

List the facilities and associated networks in scope for pilot testing.

## 5.5 Approvals –N/A

|  |  |  |  |
| --- | --- | --- | --- |
| **Testing Phase** | **Date** | **Department** | **Team Member** |
| PH1.0 |  |  |  |
|  |  |  |  |
|  |  |  |  |

# 6. Deployment / Implementation Model

Implementation is only taking place at two production facilities: SJH and SJW on April 27tt 2016.

# Appendix A: Risks and Concerns

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Project Name** |  |  | | |  |  |  |  |
| **Number** | **Risk / Concern** | **Comment** | **Mitigation** | | |  |  |  |
| RC.2016.1.18 | File name convention | If the files from PedCath have spaces or special characters in the name, it could impact FTP delivery | | Andy implemented a fix on his side to remove any spaces and/or special characters to avoid an issue | |  |  |  |

# Appendix B: Issues List –N/A

This is a dynamic list of the open issues related to the IDBB that remain to be solved, including but not limited to TBDs, pending decisions, information needed, conflict awaiting resolution, and the like.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Project Name** |  |  | | |  |  |  |  |
| **Number** | **Issue** | **Comment** | **Fix** | | |  |  |  |
| I.2013.1.0 |  |  | |  | |  |  |  |

* End of document