**HL7 Trigger Events for ADTs**

|  |  |  |
| --- | --- | --- |
| HL7 TRIGGER EVENT | TRIGGER EVENT DESSCRIPTION | DFM TRANSACTION TYPE |
| A01 | Admit a patient | Admit |
| A02 | Transfer a patient | Transfer |
| A03 | Discharge a patient | Discharge |
| A04 | Register outpatient and ER | Admit |
| A06 | Transfer outpatient to inpatient | Admit |
| A07 | Transfer inpatient to outpatient | Discharge |
| A08 | Update patient information | Change |
| A09 | Patient departing | Discharge |
| A11 | Cancel admit | Discharge |
| A12 | Cancel transfer | Ignore |
| A13 | Cancel discharge | Readmit |
| A17 | Swap patients | Bed swap |
| A18 | Merge patient information | Patient # change |
| A21 | Patient on leave of absence | Discharge |
| A22 | Patient returns from leave | Readmit |
| A23 | Delete a patient record | Discharge |
| A28 | Add Patient Info | Admit or Ignored |
| A31 | Update – Add Patient Info | Update |
| A40 | Merge Person | Merge – internal ID |
| A41 | Merge Account | Merge – Pt Acct Num |
| A44 | Move Acct Info | Update – Pt Acct Num |
| A49 | Chg Acct Number | Update Pt Acct Num |
| A50 | Change Visit Number | Update |

### The Following Transactions are *Ignored* Entirely:

* A05 Pre-admit a patient
* A12 Cancel transfer
* A14 Pending admit
* A15 Pending transfer
* A16 Pending discharge
* A19 Patient query
* A20 Nursing/Census Update

### The following transactions are typically treated as *admit* transactions:

* A01 Admit a patient
* A04 Register outpatient and ER
* A06 Transfer outpatient to inpatient
* A28 Admit patient if does not exist as active, otherwise ignore

### The following transactions are typically treated as *re-admit* transactions:

* A13 Cancel discharge
* A22 Patient returns from leave

### The following transactions are typically treated as *change* transactions:

* A02 Transfer a patient
* A08 Update patient information
* A31 Update patient information
* A50 Change patient visit number

### The following transactions are typically treated as *discharge* transactions:

* A03 Discharge a patient
* A07 Transfer inpatient to outpatient
* A09 Patient Departing
* A11 Cancel admit
* A21 Patient goes on leave
* A23 Delete a patient record

### The following transactions are *special* transactions:

* A17 Swap patients

This swaps the patients’ locations assuming both patients’ are active

* A18 Merge patient information
* A40 Merge Person Information
* A41 Merge Account Information
* A44 Move Account Information
* A49 Change Account Number
* A50 Change Visit Number

# These transactions are processed by DFM in the following ways:

### Admits

* Will be processed as an **admit** if the patient does not exist in the DFM database.
* Will be processed as a **readmit** if the patient exists in the DFM database but is not active.
* Will be processed as a **change** if the patient exists and is active in the DFM database.

### Re-Admits

* Will be processed as a **readmit** if the patient exists in the DFM database but is not active.
* Will be processed as an **admit** if the patient does not exist in the DFM database.
* Will be processed as a **change** if the patient exists and is active in the DFM database.

### Please note:

\* A readmit can be set to clear specific patient fields. This will be discussed upon interface setup.

### Changes

* Will be processed as a **change** if the patient exists and is active in the DFM database.
* Will be processed but will not change, admit or readmit if the patient exists in the DFM database but is not active.
* Will be processed as an **admit** if the patient does not exist in the DFM database.

### Please note:

\* Changes can be set to NOT admit in the Interface Setup editor.

### Transfers

* An A02 will only update the floor/room/bed location.

### Discharges

* If the patient does not exist in the DFM patient database the transaction is ignored.
* If the patient is not active in the DFM patient database the transaction is ignored.

# Some Important Notes About HL7 ADT Interfaces and DFM:

## General:

* DFM follows the rule: 1 patient - 1 bed and all active patients must have a valid location assignment.
* The interface prints errors and alerts to a local or network printer.
* Other interface utilities allow:

\* the setting of how often discharge and transfer alerts will print.

\* the user to audit/track the transactions that DFM accepted for processing.

## Transactions:

* DFM does not accept transactions with more than 40 segments, after DFM has ignored all unneeded segments.
* DFM does not accept transactions with segments over 500 characters.
* The ADT transactions must contain the MSH, EVN, PID, and PV1 segments, except the A17 and A18 transactions.
* The A17, swap patients, will contain the MSH, EVN, and PID segments, followed by a second PID segment.
* The A18, merge patient information, will contain the MSH, EVN, PID, and MRG segments.
* DFM can accept allergy data in the AL1 segment and height, weight and Isolation data in the OBX segment.
* The AL1 segment can be processed on all admit, readmit, change, and diet orders.
* The OBX segment can be processed on all admits, readmits and changes.

## Field Notes:

* All dates are expected to be in HL7 standard format (CCYYMMDDhhmm). Seconds are optional.
* The DFM Patient Number is expected to be the sending system’s medical record number.
* Age is calculated by the interface from the birth date.
* If CODED allergies are used, allergy codes are appended to the DFM coded allergies.
* Height is expected to be a 2 decimal numeric, with a literal decimal point and a single unit of measure. DFM will accept heights in either inches or centimeters .
* Weight is expected to be a 2 decimal numeric, with a literal decimal point and a single unit of measure. DFM will accept weights in either pounds or kilograms.

## Multi-Site Notes:

* The DFM interface can process transactions for multiple sites within one DFM database. A facility code must be sent in the MSH segment that matches the facility code entered for each site in the DFM Interface Setup editor. More detail will be discussed upon interface implementation.

# ADT Fields

|  |  |  |  |
| --- | --- | --- | --- |
| HL7 SEGMENT | HL7 FIELD | HL7 LENGTH | DFM FIELD/NOTES |
| MSH – 1 | Delimiter Definition | 5 | Parsing |
| MSH – 3 | Facility (Hospital) Code |  | Parsing |
| MSH – 8 | ADT or Order Transaction | 7 | Parsing |
| MSH – 9 | Sending System Record ID | 16 | Tracking – when possible |
| EVN – 1 | Trigger Event A?? | 3 | Transaction Processing |
| EVN – 2 | Date/Time Of Event | 19 | Tracking |
| PID – 3 | Patient Id | 16 | PATIENT NUMBER |
| PID – 5 | Patient Name | 48 | NAM |
| PID – 7 | Date Of Birth (CCYYMMDD) | 10 | DOB |
| PID – 8 | Sex | 2 | SEX |
| PID – 15 | Language | 6 | LNG |
| PID - 18 | Patient Account Number |  | May be used if in place of PID-3 |
| PV1 – 2 | Patient Class (Inpatient/Outpatient) | 1 | TYP 0=IN 1=OUT |
| PV1 – 3.1 | Nursing Unit |  | FLR |
| PV1 – 3.2 | Room |  | RM |
| PV1 – 3.3 | Bed |  | BED |
| PV1 – 7.1 | Attending Doctor Number | 12 | ANO |
| PV1 – 7.2 | Attending Doctor Name | 26 | ANM |
| PV1 – 10 | Care Group | 20 | Medical, Surgical, Outpatient, etc. |
| PV1 – 19 | Patient Visit Number |  | Patient Visit Number |
| PV1 – 44 | Admit Date/Time | 19 | ADM |
| PV1 – 45 | Discharge Date/Time | 19 | DIS |
| OBX – 3 | OBX Data Type |  | ISO, ISOLATION, ASP, ASPIRATION, WEIGHT, WGT, HEIGHT or HGT |
| OBX – 4 | Weight | 10 | WGT VALUE |
| OBX – 4 | Height | 10 | HGT VALUE |
| OBX – 6 | Definition of Field. Value equals |  | I, F, P, O, IN, FT, LBS, OZ, CM, KG |
| AL1 – 2 | Allergy Type |  | Parsing – data type to process? |
| AL1 – 3.1 | Allergy Code | 60 | AG1-AG?, and print? |
| AL1 – 3.2 | Allergy Description | 60 | Print only |
| DG1 – 4 | Diagnosis | 40 | Do not update |
| Calculated | Age (Calculated From DOB) | 3 | AGE |

**A17 - Bed Swap**

|  |  |  |  |
| --- | --- | --- | --- |
| HL7 SEGMENT | HL7 FIELD | HL7 LENGTH | DFM FIELD/NOTES |
| MSH – 1 | Delimiter Definition | 5 | Parsing |
| MSH – 8 | ADT or Order Transaction | 7 | Parsing |
| MSH – 9 | Sending System Record ID | 16 | Tracking – when possible |
| EVN – 1 | Trigger Event A17 | 3 |  |
| EVN – 2 | Date/Time Of Event | 19 | Tracking |
| PID – 3 | Patient Id (Patient 1) | 16 | PATIENT NUMBER |
| PID – 5 | Patient Name (Patient 1) | 48 | NAM |
| PID – 3 | Patient Id (Patient 2) | 16 | PATIENT NUMBER |
| PID – 5 | Patient Name (Patient 2) | 48 | NAM |

**A18 - Patient Number Change (Merge)**

|  |  |  |  |
| --- | --- | --- | --- |
| HL7 SEGMENT | HL7 FIELD | HL7 LENGTH | DFM FIELD/NOTES |
| MSH – 1 | Delimiter Definition | 5 | Parsing |
| MSH – 8 | ADT or Order Transaction | 7 | Parsing |
| MSH – 9 | Sending System Record ID | 16 | Tracking – when possible |
| EVN – 1 | Trigger Event A18 | 3 |  |
| EVN – 2 | Date/Time Of Event | 19 | Tracking |
| PID – 3 | Patient Id (New) | 16 | PATIENT NUMBER |
| PID – 5 | Patient Name (New) | 48 | NAM |
| MRG | Patient Id (Old) | 16 | PATIENT NUMBER |

**Some Important Notes About HL7 Diet and Tray Orders and DFM:**

## Diet Orders

* The ORM in the MSH segment field 8 designates a diet or tray order to DFM.
* A DFM HL7 diet order is made up of the following segments: MSH, PID, PV1, ORC, and ODS.
* Order control values of NW – new and XO – change will be accepted and processed by DFM as new orders which supersede any orders for the same meal, and if continuous, into the future. We do NOT accept CO as Change Order.
* CA – cancel or DC – discontinue for diet orders. A new order should be sent instead. If CA or DC sent for current order, DFM will cancel. If it does not match current order, DFM will ignore.
* The start date/time of the quantity timing field is used for the start date of the diet order, however the time will be ignored and the meal identifier in the ODS segment will be used unless the meal identifier is empty.
* Start meal values of I (immediate). Immediate orders must be continuous.
* Diet types can be assigned in a number of different ways:

\* The best and by far easiest for everyone is if the diet being ordered matches exactly with the DFM diet type. If DFM is doing the mapping the elements MUST be well-defined, for instance DFM will map using specific number or text table entries but will not map with free text.

\* Variations on a diet type:

» Field 3.1 contains a single diet code that is the DFM diet type or Mapped code from sending system.

» Field 3.2 contains a single diet description.

» Field 3.3 - 3.13 contains a list of repeating codes which represent modifiers that need to be mapped to a DFM diet and DFM modifiers. Format: ODS|D|Meal Period|Diet Code^Diet Description~Modifier Code~Modifier Code~Modifier Code~etc.

\* If a mapping is necessary and a match cannot be found, the diet order cannot be updated and an error will print.

* Field 4 is a text field that populates the Diet Text field in DFM’s Patient Editor.
* Based on switch configuration, there are options as to how to handle Field 4.

1. The Field 4 text fields that contain text will prompt an alert to print so the dietary staff can customize the diet as necessary and will update the diet text field in Patient Editor.
2. The Field 4 text fields that contain text will prompt an alert to print so the dietary staff can customize the diet as necessary but will not update the diet text field in Patient Editor.
3. The Field 4 text fields that contain text will be ignored and will not update in Patient Editor or print an alert.

# Tray Orders

* The ORM in the MSH segment field 8 designates a diet or tray order to DFM.
* A DFM HL7 tray order is made up of the following segments: MSH, PID, PV1, ORC, and ODT.
* Order type designates if this is an Early, Hold (Late), Guest, or Msg tray order. Early and Hold trays update switches in the patient’s record. Guest and Msg trays print alerts only.
* Order control is used to turn the Early and Hold tray switches on. Values of NW – new and XO – change are ON. Order Control is not used for Guest and Msg tray orders.
* Alerts print for all tray orders regardless if they contain tray text.
* The start meal designates the meal period for the tray order and will update Patient Editor for only that meal period. The tray order is not a continuous order.

# Nourishment Orders

* Two fields designate a nourishment order to DFM:
  1. The ORM in the MSH segment field 8
  2. The “N” order type in ODS 1
* A DFM HL7 nourishment order is made up of the following segments: MSH, PID, PV1, ORC, and ODS.
* Order control values of NW – new and XO – change will be accepted and processed by DFM as new orders which supersede any orders for the same meal
* DFM will accept an order control of CA – cancel for nourishment orders. A cancel order will move the nourishment order to history and set the nourishment period to “No Diet”.
* The start date/time of the quantity timing field is used for the meal period of the nourishment order, however the time will be ignored and the meal identifier in the ODS segment will be used unless the meal identifier is empty.
* Nourishment orders are not continuous. Nourishments will only update the meal period identified in the ORC or ODS segments.
* DFM will only process one ODS|N| segment per message.
* The nourishment code has to match the DFM nourishment diet number. If mapping is needed it must be done on the sending system’s side.
* DFM Nourishment ODS segments can be formatted two ways:

1. A single nourishment diet is ordered for a single meal period. ODS 4 is a text field which will populate the nourishment diet text in DFM’s Patient Editor. If the diet order diet text field is set to print an alert then alerts will also print for nourishment diet text.

ODS|N|Meal|Nourishment Diet Code^Nourishment Diet Description|Text field

1. Multiple nourishments can be ordered for multiple meal periods in a single ODS segment. ODS|N||Meal,Nourishment Code~Meal,Nourishment Code~Meal,Nourishment Code~etc.

# Supplement Orders

# Supplement as a Nourishment

* Two fields designate a supplement order to DFM:

1. The ORM in the MSH segment field 8
2. The “S” order type in ODS 1

* A DFM HL7 nourishment order is made up of the following segments: MSH, PID, PV1, ORC, and ODS.
* Order control values of NW – new and XO – change will be accepted and processed by DFM as new orders which supersede any orders for the same meal
* DFM will accept an order control of CA – cancel for supplement orders. A cancel order will move the nourishment order to history and set the nourishment period to “No Diet”.
* The service period field is used for the meal period(s) of the supplement order. DFM has a config file to map frequencies to equal the time period the supplement is assigned for. Sample Follows:

[PeriodMap] Count=6

1=6x/Day|Breakfast-AM-Lunch-PM-Dinner-HS 2=BID|AM-PM

3=Daily|AM 4=Once|AM

5=QID|AM-Lunch-PM-HS

6=TID|AM-PM-HS

* DFM only process one ODS|S| segment per message.
* The Supplement code has to match the DFM nourishment diet number. If mapping is needed it must be done on the sending system’s side.
* DFM Supplement ODS segments should be formatted as follows:

1. A single supplement diet is ordered for a mapped frequency meal period. ODS 4 is a text field which will populate the supplement diet text in DFM’s Patient Editor. If the diet order diet text field is set to print an alert then alerts will also print for supplement diet text.

ODS|S|Meal|Supplement Diet Code^Supplement Diet Description|Text field (IE. ODS|S|QID|232634318

ODS|S|AM-PM|232634298|VANILLA AT BFAST CHOC AT DINNER)

# Supplement as a Permanent Select

* Two fields designate a supplement order to DFM:

1. The ORM in the MSH segment field 8
2. The “S” order type in ODS 1

* A DFM HL7 nourishment order is made up of the following segments: MSH, PID, PV1, ORC, and ODS.
* Order control values of NW – new and XO – change will be accepted and processed by DFM as new orders which supersede any orders for the same meal
* DFM will accept an order control of CA – cancel for supplement orders. A cancel order will move the nourishment order to history and set the nourishment period to “No Diet”.
* The service period field is used for the meal period(s) of the supplement order. DFM has a config file to map frequencies to equal the time period the supplement is assigned for. Sample Follows:

[Filters]

Count=1

;# Do permselect for ODS|S records

; 3.1 will be used for Permmap

; 2 will be used for MealMap

1=ODS,&1,S|@3.1'Permsel'|@2'PermMeals'

;ODS|S|ONCE DAILY|BOOST PLUS|

[MealMap]

breakfast/lunch/dinner=B-L-D

With all meals=Breakfast/Lunch/Dinner

With breakfast and lunch=Breakfast/Lunch

Once daily with breakfast=Breakfast

Once daily=Lunch

dinner only=Dinner

With breakfast and dinner=Breakfast/Dinner

Bedtime snack=Dinner

* The second part of the config file is to map the supplement to the DFM M#. Sample Follows:

[PermMap]

Boost Plus=646

Boost Plus.120 ml=645

Boost Plus.1 can (240ml)=646

Boost Glucose Control=648

Boost Glucose Control.120 ml=647

Boost Glucose Control.1 can (240ml)=648

Novasource Renal=453

Novasource Renal.120 ml=561

Novasource Renal.1 can (240ml)=453

* DFM only processes one ODS|S| segment per message.
* DFM Supplement ODS segments should be formatted as follows:

1. A single supplement diet is ordered for a mapped frequency meal period.

ODS|S|Meal|Boost Plus

**Diet Order Fields – Creating ODS Messages**

|  |  |  |  |
| --- | --- | --- | --- |
| HL7 SEGMENT | HL7 FIELD | HL7 LENGTH | DFM FIELD/NOTES |
| MSH – 1 | Delimiter Definition | 5 | Parsing |
| MSH – 3 | Facility (Hospital) Code |  | Parsing |
| MSH – 8 | Order Transaction | 7 | Parsing – ORM^O01 |
| MSH – 9 | Sending System Record ID | 16 | Tracking – when possible |
| PID – 3 | Patient Id | 16 | PATIENT NUMBER |
| PID – 5 | Patient Name | 48 | NAM |
| ORC – 1 | Order Control | 2 | NW and XO – for new orders  CA or DC – for discontinued orders |
| ORC – 2 | Order ID |  | HL7 Message Order ID – Used to confirm Cancel Orders |
| ORC – 7.2 | Continuous | 1 | C – continuous or continue for all meals. 1 or Once for One Time Order |
| ORC – 7.4 | Diet Start Date | 16 | Start Date & DEF(date effective) |
| ORC – 10 | Entered By | 8 | ABY |
| ODS – 1 | Order Type | 1 | D – Diet Order, N – Nourishment, S – Supplement, M - Modifier |
| ODS – 2 | Diet Start Meal | 1 | B, L, D or I |
| ODS – 3.1 | Diet Code | 5 | DBR, DLU, DSU |
| ODS – 3.2 | Diet Description | 30 | Prints on alerts |
| ODS – 3.3 | Diet Modifier 1 | 60 | Repeating field - up to 10 |
| ODS – 4 | Diet Text | 160 | 160 max |
| ODS – 5 | Room Service Type | 20 | Room Service Patient Type |
| ODS – 6 | Ticket Message Text | 100 | 100 Max |

**ODS Segment - Diet Orders**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| SEQ | LEN | DT | R/O | RP/# | TBL# | ITEM# | ELEMENT NAME |
| 1 | 01 | ID | R |  |  |  | Order Type – D for Diet Order |
| 2 | 30 | CE | R |  |  |  | Service Period – Start Meal – 1, 2, 3, I or B,L,D |
| 3 | 40 | CE | R | Y 20 |  |  | Diet Code(s), Description(s), and Modifier(s) |
| 4 | 160 | ST | O | Y 2 |  |  | Text Instructions, Diet Comments |
| 5 | 20 | ST | O |  |  |  | Room Service Type |
| 6 | 100 | ST | O |  |  |  | Ticket Text |

**ODS Segment - Nourishment Order**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| SEQ | LEN | DT | R/O | RP/# | TBL# | ITEM# | ELEMENT NAME |
| 1 | 01 | ID | R |  |  |  | Order Type – N for Nourishment Code |
| 2 | 30 | CE | R |  |  |  | Service Period – Start Meal – 1, 2, 3 or B,L,D |
| 3 | 40 | CE | R | Y 20 |  |  | Nourishment Diet Code(s) and Description(s) |
| 4 | 160 | ST | O | Y 2 |  |  | Text Instructions, Diet Comments |

**ODS Segment - Supplement Order**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| SEQ | LEN | DT | R/O | RP/# | TBL# | ITEM# | ELEMENT NAME |
| 1 | 01 | ID | R |  |  |  | Order Type – S for Supplement Code |
| 2 | 30 | CE | R |  |  |  | Service Frequency |
| 3 | 40 | CE | R | Y 20 |  |  | Supplement Code(s) and Description(s) |

**Tray Order Fields**

|  |  |  |  |
| --- | --- | --- | --- |
| HL7 SEGMENT | HL7 FIELD | HL7 LENGTH | DFM FIELD/NOTES |
| MSH – 1 | Delimiter Definition | 5 | Parsing |
| MSH – 3 | Facility (Hospital) Code |  | Parsing |
| MSH – 8 | ADT or Order Transaction | 7 | Parsing |
| MSH – 9 | Sending System Record ID | 16 | Tracking – when possible |
| PID – 3 | Patient Id | 16 | PATIENT NUMBER |
| PID – 5 | Patient Name | 48 | NAM |
| ORC – 1 | Order Control | 2 | for early and hold tray orders NW or XO = on |
| ODT – 1 | Order Type | 5 | EARLY, HOLD, GUEST, MSG |
| ODT – 2 | Tray Start Meal | 1 | 1, 2, 3, B, L or D |
| ODT – 3.1 | Text 1 | 80 | print tray text alert |
| ODT – 3.2 | Text 2 | 80 | print tray text alert |
| ODT – 3.3 | Text 3 | 80 | print tray text alert |
| ODT – 3.4 | Text 4 | 80 | print tray text alert |
| ODT – 3.5 | Text 5 | 80 | print tray text alert |

**ODT Segment - Tray Orders and Instructions**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| SEQ | LEN | DT | R/O | RP/# | TBL# | ITEM# | ELEMENT NAME |
| 1 | 05 | CE | R |  |  |  | Tray Type – EARLY, HOLD, GUEST, MSG |
| 2 | 30 | CE | R |  |  |  | Service Period – Start Meal – 1, 2, 3 |
| 3 | 80 | ST | O | Y 5 |  |  | Text Instructions |

**Diet Order Fields – Using OBR/OBX Messages**

|  |  |  |  |
| --- | --- | --- | --- |
| HL7 SEGMENT | HL7 FIELD | HL7 LENGTH | DFM FIELD/NOTES |
| MSH – 1 | Delimiter Definition | 5 | Parsing |
| MSH – 3 | Facility (Hospital) Code |  | Parsing |
| MSH – 8 | Order Transaction | 7 | Parsing – ORM^O01 |
| MSH – 9 | Sending System Record ID | 16 | Tracking – when possible |
| PID – 3 | Patient Id | 16 | PATIENT NUMBER |
| PID – 5 | Patient Name | 48 | NAM |
| ORC – 1 | Order Control | 2 | NW and XO – for new orders  CA or DC – for discontinued orders |
| ORC – 2 | Order ID |  | HL7 Message Order ID – Used to confirm Cancel Orders |
| ORC – 7.2 | Continuous | 1 | C – continuous or continue for all meals. 1 or Once for One Time Order |
| ORC – 7.4 | Diet Start Date | 16 | Start Date & DEF(date effective) |
| ORC – 10 | Entered By | 8 | ABY |
| ORC – 15 | Order Effective Date/Time | 16 |  |
| OBX – 1 | Set ID | 2 | 1 - XX |
| OBX – 2 | Value Type | 2 | TX, DT, CE |
| OBX – 3 | Identifier |  | String Data to define segment |
| OBX – 5 | Value |  | String Data for Answer to Identifier |

**OBR/OBX Segment - Diet Orders**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| SEG | FLD 1 | FLD 2 | FLD 3 | FLD 4 | FLD 5 | FLD 6 | FLD 7 |
| ORC | NW | (order id) |  |  |  |  | Meal(s) |
| OBX | 1 | TX | Diet\_Common |  | Diet Name |  |  |
| OBX | 2 | TX | Diet\_Pt\_Able |  | Appropriate, Not Appropriate, Assist |  |  |