Appendix 1
Data Definition Tables

1.1 Introduction

The HL7 specifications were prepared using a data dictionary database. Certain outputs from that database are included in the chapters that define the abstract messages. These outputs list the data fields and field notes associated with a segment. Other Data Dictionary outputs are included here to comprise appendix A. These include:

-a list of the "functional areas" in the document, a concept used to control the definition of data elements

-a list of the message types that comprise the HL7 protocol

-a list of the segment IDs and segment names

-a list of each data element organized alphabetically by name

-a list of the data types of HL7 data elements

-a list of the ids and names of all tables of coded values

-a cross reference of table ids vs. data element names

-    a list of the contents of each table

-a list of all data element names.

1.3 Functional area definitions

FUNCTIONAL AREA	DESCRIPTION
ADT	Chapter 3 - Reg/ADT
ANR	Chapter 7 - Ancillary Rpt
BLN	Chapter 6 - Finance

CNT   Chapter 2 - Control/Query

NMT   Appendix C - Network Mgmt.

ORD   Chapter 4 - Order Entry

QRY   Chapter 2 - Control/Query

1.5   Message types

Value	Description	Owner	Chapter
ACK	General acknowledgement message	CNT	2
ADT	ADT message	ADT	3
ARD	Ancillary RPT (display)	ANR	7
BAR	Add/change billing account	BLN	6
DFT	Detail financial transaction	BLN	6
DSR	Display response	QRY	2
MCF	Delayed acknowledgement	CNT	2
ORF	Observ. result/record resp	ANR	7
ORM	Order message	ORD	4
ORR	Order acknowledgement message	ORD	4
ORU	Observ result/unsolicited	ANR	7
OSQ	Order status query	ORD	4
RAR	Pharmacy Administration information	ORD	4
RAS	Pharmacy administration message	ORD	4
RDE	Pharmacy encoded order message	ORD	4
RDR	Pharmacy dispense information	ORD	4
RDS	Pharmacy dispense message	ORD	4
RGV	Pharmacy give message	ORD	4
RGR	Pharmacy dose information	ORD	4
RER	Pharmacy encoded order information	ORD	4
ROR	Pharmacy prescription order response	ORD	4
RRA	Pharmacy administration acknowledgement	ORD	4
RRD	Pharmacy dispense acknowledgement	ORD	4
RRE	Pharmacy encoded order acknowledgement	ORD	4
RRG	Pharmacy give acknowledgement	ORD	4
QRY	Query	QRY	2
UDM	Unsolicited display message	QRY	2

1.7   Segment IDS

Segment	Description	Chapter
ACC	accident	6
ADD	addendum segment	2

Appendix A: Data Definition Tables

Segment	Description	Chapter
AL1	Patient allergy information	3
BHS	batch header	2
BLG	Billing Segment	4
BTS	batch trailer segment	2
DG1	Diagnosis	6
DSC	Continuation pointer segment	2
DSP	display data segment	2
ERR	error segment	2
EVN	Event type	3
FHS	file header segment	2
FT1	financial transaction	6
FTS	file trailer segment	2
GT1	guarantor	6
IN1	insurance	6
IN2	insurance additional info	6
IN3	insurance additional info - certification	6
MFA	master file acknowledgement segment	8
MFE	master file entry segment	8
MFI	master file identification segment	8
MRG	Merge patient information	3
MSA	message acknowledgement segment	2
MSH	message header segment	2
NK1	Next of kin	3
NPU	Bed status update	3
NTE	notes and comments segment	2
OBR	observation request segment	4
OBX	Observation segment	7
ODS	dietary orders, supplements, and preferences	4
ODT	diet tray instructions segment	4

Segment	Description	Chapter
OM1	general - fields that apply to most observations	7
OM2	numeric observation	7
OM3	categorical test/observation	7
OM4	observations that require specimens	7
OM5	observation batteries	7
OM6	observations that are calculated from other observations	7
ORC	common order segment	4
PID	Patient Identification	3
PR1	Procedures	6
PRA	practitioner detail segment	8
PV1	patient visit	3
PV2	Patient visit - additional information	3
QRD	query definition segment	2
QRF	query filter segment	2
RQ1	requisition detail-1 segment	4
RQD	requisition detail	4
RXA	pharmacy administration segment	4
RXC	Pharmacy component order segment	4
RXD	Pharmacy dispense segment	4
RXE	Pharmacy encoded order segment	4
RXG	pharmacy give segment	4
RXO	pharmacy prescription order segment	4
RXR	pharmacy route segment	4
STF	staff identification segment	8
UB1	UB82 data	6
UB2	UB92 data	6
URD	results/update definition segment	2
URS	unsolicited selection segment	2

1.9   Data types

1.11   Table values

For use notes, see Control section 2.4.3.7. When a table is used in an HL7 CE data type, its third component, "name of coding system" may have been adopted from some existing standard (for example, see list of tables in figures 2-2 and 2-3). If the table is not part of an existing standard, the third component, "name of coding system" constructed by appending the table number to the string "HL7". Thus, field RXR-administrative site, is a CE data type, which refers to table xxxx. Its "name of coding system" component is HL7xxxx.

0001   HL7 Table Sex (PID-8, GT1-9, IN1-43, STF-5)

Value	Description
F	Female
M	Male
O	Other
U	Unknown

0002   User-defined Table Marital status (PID-16)

Value	Description
A	Separated
D	Divorced
M	Married
S	Single
W	Widowed

0003   HL7 Table Event type code (EVN-1, MSH-9)

Value	Description
A01	Admit a patient
A02	Transfer a patient
A03	Discharge a patient
A04	Register a patient
A05	Preadmit a patient
A06	Transfer an outpatient to inpatient
A07	Transfer an inpatient to outpatient
A08	Update patient information
A09	Patient departing
A10	Patient arriving
A11	Cancel admit
A12	Cancel transfer
A13	Cancel discharge
A14	Pending admit
A15	Pending transfer
A16	Pending discharge
A17	Swap patients
A18	Merge patient information
A19	Patient query
A20	Nursing/Census application updates
A21	Leave of absence - out (leaving)
A22	Leave of absence - in (returning)
A23	Delete a patient record
A24	Link patient information
A25	Cancel pending discharge
A26	Cancel pending transfer
A27	Cancel pending admit
A28	Add person information
A29	Delete person information
A30	Merge person information
A31	Update person information
A32	Cancel patient arriving
A33	Cancel patient departing
A34	Merge patient information - patient ID only
A35	Merge patient information - account number only
A36	Merge patient information - patient ID and account number
A37	Unlink patient information
M01	Master file not otherwise specified (for backwards compatibility only)
M02	Master file - Staff Practioner
M03	Master file - Test/Observation
O01	Order message
O02	Order response
P01	Add and update patient account
P02	Purge patient account
P03	Post detail financial transaction

P04	Generate bill and A/R statements
Q01	Immediate access
Q02	Deferred access
Q05	Unsolicited display update
R01	Unsolicited transmission of requested observation
R02	Query for results of observation
R03	Display-oriented results, query/unsol. update
R04	Response to query; transmission of requested observation

0004   User-defined Table Patient class (PV1-2)

Value	Description
E	Emergency
I	Inpatient
O	Outpatient
P	Preadmit
R	Recurring Patient
B	Obstetrics

0005   User-defined Table Race (PID-10)

Value	Description
	No suggested values

0006   User-defined Table Religion (PID-17)

Value	Description
	No suggested values

0007   User-defined Table Admission type (PV1-4)

Value	Description
A	Accident
E	Emergency
L	Labor and Delivery
R	Routine

0008   HL7 Table Acknowledgement code (MSA-1)

Value	Description
AA	Original mode: Application Accept Enhanced mode: Application Acknowledgement: Accept
AE	Original mode: Application Error Enhanced mode: Application Acknowledgement: Error
AR	Original mode: Application Reject

	Enhanced mode: Application Acknowledgement: Reject
CA	Enhanced mode: Accept Acknowledgement: Commit Accept
CE	Enhanced mode: Accept Acknowledgement: Commit Error
CR	Enhanced mode: Accept Acknowledgement: Commit Reject

0009   User-defined Table Ambulatory status (PV1-15)

Value	Description
A0	No functional limitations
A1	Ambulates with assistive device
A2	Wheelchair/stretcher bound
A3	Comatose; non-responsive
A4	Disoriented
A5	Vision impaired
A6	Hearing impaired
A7	Speech impaired
A8	Nonenglish speaking
A9	Functional level unknown
B1	Oxygen Therapy
B2	Special equipment (tubes, IVs, catheters)
B3	Amputee
B4	Mastectomy
B5	Paraplegic
B6	Pregnant

0010   User-defined Table Physician ID (PV1-7, PV1-8, PV1-9, PV1-17, PR1-8, PR1-11, PR1-12)

Value	Description
	No suggested values

0011   CHARGING SYSTEM - NO LONGER USED
   R System that received and processed the order
   S System that sent the order

0012   STOCK LOCATION - NO LONGER USED
   AN Filled from ancillary department stock
   FL Filled from floor stock

0016   ISOLATION - NO LONGER USED
   0 Antibiotic Resistance Precautions
   1 Blood and Needle Precautions
   2 Enteric Precautions
   3 Neutropenic Precautions
   4 Pregnant Women Precautions
   5 Respiratory Isolation
   6 Secretion/Excretion Precautions
   7 Strict Isolation
   8 Wound and skin Precautions
   9 Precautions

0017   User-defined Table Transaction Type (FT1-6)

Value	Description
	No suggested values

0018   User-defined Table Patient Type (PV1-18, FT1-18)

Value	**Description**
	No suggested values

0020   UNUSED TABLE
   1 Asymptomatic Manifestation
   2 Moderate Manifestation
   3 Major Manifestation
   4 Catastrophic Manifestation

0021   User-defined Table Bad Debt Agency Code (PV1-31)

Value	**Description**
	No suggested values

0022   User-defined Table Billing Status (IN1-32)

Value	**Description**
	No suggested values

0023   User-defined Table Admit Source (PV1-14)

Value	**Description**
	No suggested values

0024   User-defined Table Fee Schedule (FT1-17)

Value	**Description**
	No suggested values

0027   HL7 Table Priority (QUANTITY/TIMING - 6th component, OM4-14)

Value	Description
S	Stat (do immediately)
A	As soon as possible (a priority lower than stat)
R	Routine. Default
P	Preoperative (to be done prior to surgery)
T	Timing critical (do as near as possible to requested time)

0032   User-defined Table Charge/Price Indicator (PV1-21)

Value	**Description**
	No suggested values

0033   ROUTE Replaced by tables 0162 - Route of Administration and 0165 - Administration Method

0034   SITE ADMINISTERED Replaced by table 0163 - Administrative Site

0036   UNITS OF MEASURE - ISO528,1977
   BT Bottle
   EA Each
   GM Grams
   KG Kilograms
   LB Pounds
   MG Milligrams
   ML Milliliters
   OZ Ounces
   SC Square centimeters
   TB Tablet
   VL Vial
  MEQ Milliequivalent

0038   HL7 Table Order status (ORC-5)

Value	Description
CA	Order was canceled
CM	Order is completed
DC	Order was discontinued
ER	Error, order not found
HD	Order is on hold
IP	In process, unspecified
RP	Order has been replaced
SC	In process, scheduled

0042   User-defined Table Company plan code (INI-35)

Value	**Description**
	No suggested values

0043   User-defined Table Condition code (UB1-7, UB2-3)

Value	**Description**
	No suggested values

0044   User-defined Table Contract Code (PV1-24)

Value	**Description**
	No suggested values

0045   User-defined Table Courtesy Code
(PV1-22)

Value	**Description**
	No suggested values

0046   User-defined Table Credit Rating (PV1-23)

Value	**Description**
	No suggested values

0048   HL7 Table What subject filter (QRD-9, URD-4)

Value	Description
ADV	Advice/diagnosis
ANU	Nursing unit lookup (returns patients in beds, excluding empty beds)
	Patient name lookup
APN	Physician lookup
APP	Nursing unit lookup (returns patients in beds, including empty beds)
ARN	Medical record number query, returns visits for a medical record number
	Account number query, return matching visit
APM	Cancel. Used to cancel a query
	Demographics
APA	Financial
CAN	Most recent inpatient
DEM	Most recent outpatient
FIN	Network clock
MRI	Network status change
MRO	Network statistic
NCK	Order
NSC	Other
NST	Procedure
ORD	Result
OTH	Pharmacy administration information
PRO	Pharmacy encoded order information
RES	Pharmacy dispense information
RAR	Pharmacy dose information
RER	Pharmacy prescription order information
RDR	Status
RGR	
ROR	
STA	

0049   User-defined Table Department Code (FT1-13)

Value	Description
	No suggested values

0050   User-defined Table Accident code (ACC-2)

Value	Description
	No suggested values

0051   User-defined Table Diagnosis Code (DG1-3, FT1-19)

Value	Description
	No suggested values

0052   User-defined Table Diagnosis Type (DG1-6)

Value	Description
	No suggested values

0053   User-defined Table Diagnosis Coding Method (DG1-2)

Value	Description
I9	ICD9

0055   User-defined Table DRG Code (DG1-8)

Value	Description

No suggested values

0056   User-defined Table DRG Grouper Review Code (DG1-10)

Value	Description

No suggested values

0059   User-defined Table Consent Code (PR1-13)

Value	Description

No suggested values

0061 HL7 Table Check digit scheme (PID-2, PID-3, PID-18, PID-21, PV1-50, MRG-1, MRG-2, MRG-3, MRG-4, BLG-3)

Value	Description
M10	Mod 10 algorithm
M11	Mod 11 algorithm

0062   User-defined Table Event reason (EVN-4)

Value	Description
01	Patient request
02	Physician order
03	Census management

0063   User-defined Table Relationship (NK1-3, GT1-11, IN1-17)

Value	Description

No suggested values

0064   User-defined Table Financial Class (PV1-20)

Value	Description

No suggested values

0065   HL7 Table Specimen action code (OBR-11)

Value	Description
A	Add ordered tests to the existing specimen
G	Generated order; reflex order
L	Lab to obtain specimen from patient
O	Specimen obtained by service other than Lab
P	Pending specimen; Order sent prior to delivery
R	Revised order
S	Schedule the tests specified below

0066   User-defined Table Employment status (GT1-20, IN1-42)

Value   **Description**

No suggested values

0068   User-defined Table Guarantor type (GT1-10)

Value   **Description**

No suggested values

0069   User-defined Table Hospital Service (PV1-10)

Value   **Description**

No suggested values

0070   HL7 Table Source of specimen (OBR-15)

Code	Name	Code	Name	Code	Name
ABS	Abcess	IT	Intubation tube	STON	Stone
AMN	Amniotic fluid	LAM	Lamella	STL	Stool = Fecal
ASP	Aspirate	WBC	Leucocytes	SWT	Sweat
BPH	Basophils	LN	Line	SNV	Synovial fluid =
ABLD	Blood arterial	LNA	Line arterial		Joint fluid
BBL	Blood bag	LNV	Line venous	TEAR	Tears
BON	Bone	LYM	Lymphocytes	THRT	Throat
BRTH	Breath	MAC	Macrophages	THRB	Thrombocyte (platelet)
BRO	Bronchial	MAR	Marrow		Tissue
BRN	Burn	MEC	Meconium	TISS	Tissue bone marrow
CALC	Calculus	MBLD	Menstrual blood	TISB	Tissue gall bladder
CDM	Cardiac muscle	MLK	Milk		Tissue lung
CNL	Cannula	MILK	Breast milk	TISG	Tissue peritoneum
CTP	Catheter tip	NAIL	Nail	TISL	Tissue ulcer
CSF	Cerebral spinal fluid	NOS	Nose (nasal passage)	TISP	Tissue curettage
CVM	Cervical mucus	ORH	Other	TISU	Tissue placenta
CVX	Cervix	PRT	Peritoneal fluid ascites	TISC	Ulcer
COL	Colostrum	PER	Peritoneum	TISPL	Umbilical blood
CBLD	Cord blood	PLC	Placenta	ULC	Urethra
CNJT	Conjunctiva	PLAS	Plasma	UMB	Urine
CUR	Curettageputum	PLB	Plasma bag	URTH	Urine clean catch
CYST	Cyst	PLR	Pleural fluid (thoracentesis	UR	Urine catheter
DRN	Drain		fld)	URC	Vomitus
EAR	Ear	PMN	Polymorphonuclear	URT	Whole blood
ELT	Electrode		neutrophils	VOM	Whole body
ENDC	Endocardium	PUS	Pus	BLD	Wick
ENDM	Endometrium	SAL	Saliva	BDY	Wound
EOS	Eosinophils	SEM	Seminal fluid	WICK	Wound abscess
RBC	Erythrocytes	SER	Serum	WND	Wound exudate
FIB	Fibroblasts	SKN	Skin	WNDA	Wound drainage
FLT	Filter	SKM	Skeletal muscle	WNDE	
FIST	Fistula	SPRM	Spermatozoa	WNDD	
FLU	Body fluid, unsp	SPT	Sputum		
GAST	Gastric fluid	SPTC	Sputum coughed		
GEN	Genital	SPTT	Sputum tracheal aspirate		
GENC	Genital, cervix				
GENL	Genital lochia				
GENV	Genital vaginal				
HAR	Hair				

0072   User-defined Table Insurance Plan ID (FT1-14, IN1-2, IN1-46)

Value	Description
	No suggested values

0073   User-defined Table Interest Rate Code (PV1-28)

Value	**Description**
	No suggested values

0074   HL7 Table   Diagnostic service section ID (OBR-24)

Code	Description	Code	Description
AU	Audiology	OUS	OB Ultrasound
BG	Blood gases	OT	Occupational therapy
BLB	Blood bank	OTH	Other
CUS	Cardiac Ultrasound	OSL	Outside Lab
CTH	Cardiac catheterization	PHR	Pharmacy
CT	CAT scan	PT	Physical therapy
CH	Chemistry	PHY	Physician (Hx, Dx, admission note, etc.) Pulmonary
CP	Cytopathology	PF	function
EC	Electrocardiac (e.g., EKG, EEC, Holter)	RX	Radiograph
EN	Electroneuro (EEG, EMG)	RUS	Radiology ultrasound
HM	Hematology	RC	Respiratory Care (therapy)
IMM	Immunology	RT	Radiation therapy
MB	Microbiology	SR	Serology
MCB	Mycobacteriology	SP	Surgical Pathology
MYC	Mycology	TX	Toxicology
NMS	Nuclear medicine scan	VUS	Vascular Ultrasound
NMR	Nuclear magnetic resonance	VR	Virology
NRS	Nursing service measures	XRC	Cineradiograph

0076   HL7 Table Message type (MSH-9)

Value	Description	Owner	Chapter
ACK	General acknowledgement	CNT	2
ADT	ADT Message	ADT	3
ARD	Ancillary RPT (display)	ANR	7
BAR	Add/change billing account	BLN	6
DFT	Detail financial transaction	BLN	6
DSR	Display response	QRY	5
MCF	Delayed acknowledgement	CNT	2
ORF	Observ. result/record response	ANR	7
ORM	Order message	ORD	4
ORR	Order acknowledgement message	ORD	4
ORU	Observ result/unsolicited	ANR	7
OSQ	Order status query	ORD	4
RAR	Pharmacy administration information	ORD	4
RAS	Pharmacy administration message	ORD	4
RDE	Pharmacy encoded order message	ORD	4
RDR	Pharmacy dispense information	ORD	4
RDS	Pharmacy dispense message	ORD	4
RGV	Pharmacy give message	ORD	4
RGR	Pharmacy dose information	ORD	4
RER	Pharmacy encoded order information	ORD	4
ROR	Pharmacy prescription order response	ORD	4
RRA	Pharmacy administration acknowledgement	ORD	4
RRD	Pharmacy dispense acknowledgement	ORD	4
RRE	Pharmacy encoded order acknowledgement	ORD	4
RRG	Pharmacy give acknowledgement	ORD	4
QRY	Query	QRY	5
UDM	Unsolicited display message	QRY	5

0078   HL7 Table Abnormal flags (OBX-8)

Value	Description
L	Below low normal
H	Above high normal
LL	Below lower panic limits
HH	Above upper panic limits
<	Below absolute low-off instrument scale
>	Above absolute high-off instrument scale
N	Normal (applies to non-numeric results)
A	Abnormal (applies to non-numeric results)
AA	Very abnormal (applies to non-numeric units, analagous to panic limits for numeric units)
null	No range defined, or normal ranges don't apply
U	Significant change up
D	Significant change down
B	Better--use when direction not relevant
W	Worse--use when direction not relevant
For microbiology sensitivities only:	
S	Sensitive
R	Resistant
I	Intermediate
MS	Moderately sensitive
VS	Very sensitive

0079   User-defined Table   Location (NPU-1, FT1-16)

Value   **Description**

No suggested values

0080   HL7 Table Nature of abnormal testing (OBX-10)

Value	Description
A	An age-based population
N	None - generic normal range
R	A race-based population
S	A sex-based population

0083   User-defined Table Outlier Type (DG1-11)

Value   **Description**

No suggested values

0084   User-defined Table Performed by (FT1-20)

Value   **Description**

No suggested values

0085   HL7 Table Observation result status codes interpretation (OBX-11)

Value	Description
C	Record coming over is a correction and thus replaces a result
D	Deletes the OBX record
F	Final results; Can only be changed with a corrected result.
I	Specimen in lab; results pending
P	Preliminary results
R	Results entered -- not verified
S	Partial results
X	Results cannot be obtained for this observation
U	Results status change to Final. Results did not change (don't transmit test). E.g., radiology changes status from preliminary to final

0086   User-defined Table Plan Type (IN1-15)

Value	**Description**
	No suggested values

0087   User-defined Table Pre-admit Testing (PV1-12)

Value	**Description**
	No suggested values

0088   User-defined Table Procedure Code (PR1-3)

Value	**Description**
	No suggested values

0089   User-defined Table Procedure Coding Method (PR1-2)

Value	**Description**
	No suggested values

0090   User-defined Table Procedure Type (PR1-6)

Value	**Description**
	No suggested values

0091   HL7 Table Query priority (QRD-3)

Value	Description
D	Deferred
I	Immediate

0092   User-defined Table Re-admission Indicator (PV1-13)

Value	**Description**
R	re-admission
null	

0093   User-defined Table Release Information Code (IN1-27)

Value	**Description**
Y	Yes
N	No
	or user-defined codes

0098   User-defined Table Type of agreement

Value	**Description**
	No suggested values

0099   User-defined Table VIP Indicator (PV1-16)

Value	**Description**
	No suggested values

0100   HL7 Table When to charge (BLG-1)

Value	Description
D	On discharge
O	On receipt of order
R	At time service is completed
S	At time service is started
T	At a designated date/time

0102   HL7 Table Delayed acknowledgement type (MSA-5)

Value	Description
D	Message received, stored for later processing
F	Acknowledgement after processing

0103   HL7 Table Processing ID (MSH-11)

Value	Description
D	Debugging
P	Production

T	Training

0104   HL7 Table Version ID (MSH-12)

Value	Description
2.0	Release 2.0 September 1988
2.0D	Demo 2.0 October 1988
2.1	Release 2.1 March 1990
2.2	Release 2.2 December 1994

0105   HL7 Table Source of comment (NTE-2)

Value	Description
L	Ancillary (filler) department is source of comment
P	Orderer (placer) is source of comment
O	Other system is source of comment

0106   HL7 Table Query format code (QRD-2)

Value	Description
D	Response is in display format
R	Response is in record-oriented format

0107   HL7 Table Deferred response type (QRD-5)

Value	Description
B	Before the Date/Time specified
L	Later than the Date/Time specified

0108   HL7 Table Query results level (QRD-12, URD-7)

Value	Description
O	Order plus order status
R	Results without bulk text
S	Status only
T	Full results

0109   HL7 Table Report priority (URD-2)

Value	Description
R	Routine
S	Stat

0110   User-defined Table Transfer to Bad Debt code (PV1-29)

Value	**Description**
	No suggested values

0111   User-defined Table Delete Account Code (PV1-34)

Value	Description
	No suggested values

0112   User-defined Table Discharge Disposition (PV1-36)

Value	Description
	No suggested values

0113   User-defined Table Discharged to Location (PV1-37)

Value	Description
	No suggested values

0114   User-defined Table Diet Type (PV1-38)

Value	Description
	No suggested values

0115   User-defined Table Servicing Facility (PV1-39)

Value	Description
	No suggested values

0116   User-defined Table Bed status (PV1-40, NPU-2)

Value	Description
C	Closed
H	Housekeeping
O	Occupied
U	Unoccupied
K	Contaminated
I	Isolated

0117   User-defined Table Account Status (PV1-41)

Value	Description
	No suggested values

0118   User-defined Table Major Diagnostic Category (DG1-7)

Value	Description
	No suggested values

0119   HL7 Table   Order control codes and their meaning

Value[1]	Description	Originator[2]	Field Note[3]
NW	New Order	P	l
OK	Order accepted & OK	F	l
CA	Cancel order request	P	a
OC	Order canceled	F	
CR	Canceled as requested	F	
UC	Unable to cancel	F	b
DC	Discontinue order request	P	c
OD	Order discontinued	F	
DR	Discontinued as requested	F	
UD	Unable to discontinue	F	
HD	Hold order request	P	
OH	Order held	F	
UH	Unable to put on hold	F	
HR	On hold as requested	F	
RL	Release previous hold	P	
OR	Released as requested	F	
UR	Unable to release	F	
RP	Order replace request	P	e,d,h
RU	Replaced unsolicited	F	f,d,h
RO	Replacement order	P,F	g,d,h,l
RQ	Replaced as requested	F	d,e,g,h
UM	Unable to replace	F	
PA	Parent order	F	i
CH	Child order	F	i
XO	Change order request	P	
XX	Order changed, unsol.	F	
UX	Unable to change	F	
XR	Changed as requested	F	
DE	Data errors	P,F	
RE	Observations to follow	P,F	j
RR	Request received	P,F	k
SR	Response to send order status request	F	
SS	Send order status request	P	
SC	Status changed	F	
SN	Send order number	F	l
NA	Number assigned Combined result	P	l
CN	Combined result	F	m

1   The order control value field

2"F": Values originate from the filler and are not restricted to be sent only to the placer.

"P": Values originate from the placer or other application with placer privileges (as agreed in interface negotiation.

3   See table notes in Chapter 4 for explanation of codes.

0121   HL7 Table Response flag (ORC-6)

Value	Description
E	Report exceptions only
R	Same as E, also Replacement and Parent-Child
D	Same as R, also other associated segments
F	Same as D, plus confirmations explicitly
N	Only the MSA segment is returned

0122   HL7 Table Charge type (BLG-2)

Value	Description
CH	Charge
CO	Contract
CR	Credit
DP	Department
GR	Grant
NC	No Charge
PC	Professional
RS	Research

0123   HL7 Table Result status (OBR-)

Value	Description	Value	Description
O	Order received; specimen not yet received	R	Results stored; not yet verified
I	No results available; specimen received, procedure incomplete	F	Final results; order is complete and verified
	No results available; procedure scheduled, but not done	X	No results available; Order canceled. (Used only on queries)
S	Preliminary: A verified early result is available, final results not yet obtained	Y	No order on record for this test. (Used only on queries)
P	Correction to results	Z	No record of this patient. (Used only on queries)
C			

0124   HL7 Table Transportation mode (OBR-30)

Value	Description
CART	Cart - patient travels on cart or gurney
PORT	The examining device goes to patient's location
WALK	Patient walks to diagnostic service
WHLC	Wheelchair

0125   HL7 Table Value type (OBX-2, OM1-4)

Value	Description
ST	String data.
TX	Text data (display)
FT	Formatted text (display)
DT	Date
TM	Time
TS	Time stamp (date & time)
PN	Person name
TN	Telephone number
AD	Address
CK	Composite ID with check digit
CN	Composite ID and name
CE	Coded entry
RP	Reference pointer
NM	Numeric
TQ	Timing/quantity
ID	Coded value
SI	Sequence ID
CM	Composite
CQ	Composite quantity with units
CF	Coded element with formatted values
MO	Money

0126   HL7 Table Quantity limited request (QRD-7)

Value	Description
CH	Characters
LI	Lines
PG	Pages
RD	Records
ZO	Locally defined

0127   User-defined Table Allergy Type (AL1-2)

Value	Description
DA	Drug Allergy
FA	Food Allergy
MA	Miscellaneous Allergy
MC	Miscellaneous Contraindication

0128   User-defined Table Allergy severity (AL1-4)

Value	Description
SV	Severe
MO	Moderate

MI	Mild

0129   User-defined Table Accommodation code (PV2-2)

Value	Description
	No suggested values

0130   User-defined Table Visit user code (PV2-7)

Value	Description
	No suggested values

0131   User-defined Table Contact role (NK1-7)

Value	Description
	No suggested values

0132   User-defined Table Transaction code (FT1-7)

Value	Description
	No suggested values

0133   User-defined Table Procedure practitioner type (PR1-12)

Value	Description
AN	Anesthesiologist
PR	Procedure MD (surgeon)
RD	Radiologist
RS	Resident
NP	Nurse Practitioner
CM	Certified Nurse Midwife

0135   User-defined Table Assignment of benefits (IN1-20)

Value	Description
Y	Yes
N	No
M	Modified Assignment

0136 HL7 Table Y/N indicator (PID-24, RQ1-6, RQ1-7, RXO-16, RXE-20, RXD-14, RXG-12, IN1-23, IN1-25, IN2-18, IN2-19, IN2-20, IN3-4, IN3-20, OM1-5, OM1-13, OM1-16)

Value	Description
Y	Yes
N	No

0137   User-defined Table Mail Claim Party (IN2-5)

Value	Description

0139   User-defined Table Employer information data (IN2-4)

Value	Description
	No suggested values

0140   User-defined Table Champus service (IN2-14)

Value	Description
	No suggested values

0141   User-defined Table Champus rank/grade (IN2-15)

Value	Description
	No suggested values

0142   User-defined Table Champus status (IN2-16)

Value	Description
	No suggested values

0143   User-defined Table Non-covered insurance code (IN2-24)

Value	Description
	No suggested values

0144   User-defined Table Eligibility source (IN2-27)

Value	Description
1	Insurance Company
2	Employer
3	Insured Presented Policy
4	Insured Presented Card
5	Signed Statement on File
6	Verbal Information
7	None

0145   User-defined Table Room type (IN2-28)

Value	Description
PRI	Private Room
2PRI	Second Private Room

SPR	Semi-private Room
2SPR	Second Semi-private Room
ICU	Intensive Care Unit
2ICU	Second Intensive Care Unit

0146   User-defined Table Amount type (IN2-28)

Value	Description
DF	Differential
LM	Limit
PC	Percentage
RT	Rate
UL	Unlimited

0147   User-defined Table Policy type (IN2-29)

Value	Description
ANC	Ancillary
2ANC	Second Ancillary
MMD	Major Medical
2MMD	Second Major Medical
3MMD	Third Major Medical

0148   User-defined Table Penalty type (IN3-5)

Value	Description
AT	Currency Amount
PC	Percentage

0149   User-defined Table Day type (IN3-11)

Value	Description
AP	Approved
DE	Denied
PE	Pending

0150   User-defined Table Precertification patient type (IN3-20)

Value	Description
ER	Emergency
IPE	Inpatient Elective
OPE	Outpatient Elective
UR	Urgent

0151   User-defined Table Second opinion status (IN3-23)

Value	Description
	No suggested values

0152   User-defined Table Second opinion documentation received (IN3-24)

Value	Description
	No suggested values

0153   User-defined Table Value code (UB1-10)

Value	Description
	No suggested values

0155   HL7 Table Accept/application acknowledgement conditions (MSH-16)

Value	Description
AL	Always
NE	Never
ER	Error/reject conditions only
SU	Successful completion only

0156   HL7 Table Date/time qualifier (QRF-7, URS-6)

Value	Description
ORD	Order date/time
CAN	Cancellation date/time
SCHED	Schedule date/time
COL	Collection date/time, equivalent to film or sample collection date/time
	Specimen receipt date/time, receipt of specimen in filling ancillary (Lab)
RCT	Report date/time, report date/time at filling ancillary (i.e., Lab)
	Any date/time within a range
REP	
ANY	

0157   HL7 Table Which date/time status qualifier (URS-7, QRD-7)

Value	Description
PRE	Preliminary
REP	Report completion date/time
CFN	Current final value, whether final or corrected
FIN	Final only (no corrections)
COR	Corrected only (no final with corrections)
ANY	Any status

0158   HL7 Table Date/time selection qualifier (QRF-8, URS-8)

Value	Description
1ST	First value within range
ALL	All values within the range
LST	Last value within the range
REV	All values within the range returned in reverse chronological order (This is the default if not otherwise specified.)

0159   HL7 Table Diet type (ODS-1)

Value	Description
D	Diet
S	Supplement
P	Preference

0160   HL7 Table Tray type (ODT-1)

Value	Description
EARLY	Early tray
LATE	Late tray
GUEST	Guest tray
NO	No tray
MSG	Tray message

0161 HL7 Table Allow Substitution (RXO-9)

Value	Description
N	Substitutions are NOT authorized. (This is the default - null.)
G	Allow generic substitutions.
T	Allow therapeutic substitutions.

0162   HL7 Table Route of administration (RXR-1)

Value	Description	Value	Description
AP	Apply Externally	NS	Nasal
B	Buccal	NG	Nasogastric
DT	Dental	OP	Ophthalmic
GTT	Gastronomy Tube	OT	Otic
GU	GU Irrigant	PO	Oral
IA	Intra-arterial	PR	Rectal
IC	Intracardiac	SC	Subcutaneous
ID	Intradermal	SL	Sublingual
IH	Inhalation	TP	Topical
IM	Intramuscular	TD	Transdermal
IN	Intranasal	TL	Translingual
IO	Intraocular	UR	Urethral
IP	Intraperitoneal	VG	Vaginal
IS	Intrasynovial		
IT	Intrathecal		
IV	Intravenous		

0163   HL7 Table Administrative site (RXR-2)

Value	Description	Value	Description
BE	Bilateral Ears	NB	Nebulized
OU	Bilateral Eyes	PA	Perianal
BN	Bilateral Nares	PERIN	Perineal
BU	Buttock	RA	Right arm
CT	Chest Tube	RAC	Right Anterior Chest
LA	Left arm	RACF	Right Antecubital Fossa
LAC	Left Anterior Chest	RD	Right Deltoid
LACF	Left Antecubital Fossa	RE	Right Ear
LD	Left Deltoid	REJ	Right External Jugular
LE	Left Ear	OD	Right Eye
LEJ	Left External Jugular	RF	Right Foot
OS	Left Eye	RG	Right Gluteus Medius
LF	Left Foot	RH	Right Hand
LG	Left Gluteus Medius	RIJ	Right Internal Jugular
LH	Left Hand	RLAQ	Rt Lower Abd Quadrant
LIJ	Left Internal Jugular	RLFA	Right Lower Forearm
LLAQ	Left Lower Abd Quadrant	RMFA	Right Mid Forearm
LLFA	Left Lower Forearm	RN	Right Naris
LMFA	Left Mid Forearm	RPC	Right Posterior Chest
LN	Left Naris	RSC	Right Subclavian
LPC	Left Posterior Chest	RT	Right Thigh
LSC	Left Subclavian	RUA	Right Upper Arm
LT	Left Thigh	RUAQ	Right Upper Abd Quadrant
LUA	Left Upper Arm	RUFA	Right Upper Forearm
LUAQ	Left Upper Abd Quadrant	RVL	Right Vastus Lateralis
LUFA	Left Upper Forearm	RVG	Right Ventragluteal
LVG	Left Ventragluteal		
LVL	Left Vastus Lateralis		

0164   HL7 Table Administration device (RXR-4)

Value	Description	Value	Description
AP	Applicator	IVS	IV Soluset
BT	Buretrol	MI	Metered Inhaler
HL	Heparin Lock	NEB	Nebulizer
IPPB	IPPB	PCA	PCA Pump
IVP	IV Pump		

0165   HL7 Table Administration method (RXR-5)

Value	Description	Value	Description
CH	Chew	NB	Nebulized
DI	Dissolve	PT	Pain
DU	Dust	PF	Perfuse
IF	Infiltrate	SH	Shampoo
IS	Insert	SO	Soak
IR	Irrigate	WA	Wash
IVPB	IV Piggyback	WI	Wipe
IVP	IV Push		

0166   HL7 Table RX component type (RXC-1)

Value	Description
B	Base
A	Additive

0167   HL7 Table Substitution status (RXE-9, RXD-11, RXG-10)

Value	Description
N	No substitute was dispensed. This is equivalent to the default (null) value.
G	A generic substitution was dispensed.
T	A therapeutic substitution was dispensed.

0168   HL7 Table Processing Priority (OM1-26)

Value	Description
S	Stat (do immediately)
A	As soon as possible (a priority lower than stat)
R	Routine
P	Preoperative (to be done prior to surgery)
T	Timing critical (do as near as possible to requested time)
C	Measure continuously (e.g., arterial line blood pressure)

B	Do at bedside or portable (may be used with other codes)

0169   HL7 Table Reporting Priority (OM1-27)

Value	Description
C	Call back results
R	Rush reporting

0170   HL7 Table Derived Specimen (OM4-3)

Value	Description
P	Parent Observation
C	Child Observation
N	Not Applicable

0171   User-defined Table Country Code (PID-26)

Value	**Description**
	No suggested values

0172   User-defined Table Veterans Military Status (PID-27)

Value	**Description**
	No suggested values

0173   User-defined Table Coordination of Benefits (IN1-21)

Value	**Description**
	No suggested values

0174   User-defined Table Nature of Test/Observation (OM1-19)

Value	**Description**
	No suggested values

0175   HL7 Table Master File Identifier Code (MFI-1)

Value	Description
CDM	Charge description master file (see Chapter 6, Appendix)
STF	Staff master file (see Chapter 8, Appendix)
PRA	Practitioner master file (see Chapter 8, Appendix)
OM1-OM6	Observation text master file (i.e., Lab) (see Chapter 7, Appendix)

0176   User-defined Table Master Files Application Indentifier (MFI-2)

Value	Description
	No suggested values

0177   User-defined Table Confidentiality Code (OM1-31)

Value	Description
V	Very restricted
R	Restricted
U	Usual control
EMP	Employee
UWM	Unwed mother
VIP	Very important person or celebrity
PSY	Psychiatric patient
AID	AIDS patient
HIV	HIV(+) patient
ETH	Alcohol/drug treatment patient

0178   HL7 Table File-level Event Code (MFI-3)

Value	Description
REP	Replace current version of this master file with the version contained in this message
UPD	Change file records as defined in the record level event codes for each record that follows

Appendix A: Data Definition Tables

0179   HL7 Table Response Level (MFI-6)

Value	Description
NE	Never. no application level response needed
ER	Error/Reject conditions only. Only MFA segments denoting errors must be returned via the application level acknowledgement for this message
AL	Always. All MFA segments (whether denoting errors or not) must be returned via the application level acknowledgement message
SU	Success. Only MFA segments denoting success must be returned via the application level acknowledgement for this message

0180   HL7 Table Record Level Event Code (MFE-1, MFA-1)

Value	Description
MAD	Add record to master file
MDL	Delete record from master file
MUP	Update record for master file
MDC	Deactivate: discontinue using record in master file, but do not delete from database
MAC	Reactivate deactivated record

0181   User-defined Table MFN Record-Level Error Return (MFA-4)

Value	**Description**
S	Successful posting of the record defined by the MFE segment
U	Unsuccessful posting of the record defined by the MFE segment

0182   User-defined Table Staff Type (STF-4)

Value	**Description**
	No suggested values

0183   HL7 Table Active/Inactive (STF-7)

Value	Description
A	Active staff
I	Inactive staff

0184   User-defined Table Department (STF-8)

Value	**Description**
	No suggested values

0185   HL7 Table Preferred Method of Contact (STF-16)

Value	Description
H	Home phone number
O	Office phone number
F	FAX number
C	Cellular phone number
B	Beeper number
E	E-mail address (not in TN format)

0186   User-defined Table Practioner Category (PRA-3)

Value	**Description**

No suggested values

0187   HL7 Table Provider Billing (PRA-4)

Value	Description
P	Provider does own billing
I	Institution bills for provider

0189   User-defined Table Ethnic Group (PID-22)

Value	**Description**

No suggested values

0190   HL7 Table Address Type (data type AD)

Value	Description
C	current or temporary
P	permanent
M	mailing
B	business
O	office
H	home

0191   HL7 Table Type of Data (data type CF)

Value	Description
SI	Scanned image
NS	Non-scanned image
SD	Scanned document
TX	Machine readable text document
FT	Formatted text

0192   User-defined Table Visit ID Type (PV1-50)

	Value	**Description**
		No suggested values

0193   User-defined Table Amount Class (IN2-29)

Value	Description
	No suggested values

1.13   Data element names

Item #	DATA ELEMENT	SEG ID	OWN	MAX LEN	DT	R/O	REP	TBL
00576	Abnormal Flags	OBX	7	10	ID		Y/5	0078
00015	Accept acknowledgement type	MSH	2	2	ID			0155
00528	Accident code	ACC	6	2	ID			0050
00527	Accident date/time	ACC	6	26	TS			
00529	Accident location	ACC	6	25	ST			
00182	Accommodation Code	PV2	3	60	CE			0129
00236	Account ID	BLG	4	100	CM			
00171	Account Status	PV1	3	2	ID			0117
00018	Acknowledgement code	MSA	2	2	ID	R		0008
00680	Activation Date	STF	8A	19	CM		Y	
00675	Active/inactive	STF	8A	1	ID			0183
00337	Actual Dispense Amount	RXD	4	20	NM	R		
00338	Actual Dispense Units	RXD	4	60	CE	C		
00339	Actual Dosage Form	RXD	4	60	CE			
00066	Addendum Continuation Pointer	ADD	2	64k	ST			
00193	Address	NK1	3	106	AD			
00613	Address of Outside Site(s)	OM1	7B	1000	AD			
00348	Administered Amount	RXA	4	20	NM	R		
00347	Administered Code	RXA	4	100	CE	R		
00350	Administered Dosage Form	RXA	4	60	CE			
00354	Administered Per (Time Unit)	RXA	4	20	ST	C		
00349	Administered Units	RXA	4	60	CE	C		

Item #	DATA ELEMENT	SEG ID	OWN	MAX LEN	DT	R/O	REP	TBL
00353	Administered-at Location	RXA	4	12	ID	C		
00352	Administering Provider	RXA	4	200	CN			
00311	Administration Device	RXR	4	60	CE			0164
00312	Administration Method	RXR	4	60	CE			0000
00351	Administration Notes	RXA	4	200	ST	C		
00351	Administration Notes	RXG	4	200	CE	C	Y	
00344	Administration Sub-ID Counter	RXA	4	4	NM	R		
00134	Admission Type	PV1	3	2	ID			0007
00174	Admit Date/Time	PV1	3	26	TS			
00183	Admit Reason	PV2	3	60	CE			
00144	Admit Source	PV1	3	3	ID			0023
00147	Admitting Doctor	PV1	3	60	CN			0010
00205	Allergy Code/Mnemonic/Description	AL1	3	60	CE	R		
00207	Allergy Reaction	AL1	3	15	ST			
00206	Allergy Severity	AL1	3	2	ID			0128
00204	Allergy Type	AL1	3	2	ID			0127
00300	Allow Substitutions	RXO	4	1	ID			0161
00107	Alternate Patient ID	PID	3	12	ST			
00180	Alternate Visit ID	PV1	3	20	CM			
00145	Ambulatory Status	PV1	3	2	ID		Y	0009
00399	Anesthesia code	PR1	6	2	ID			0019
00400	Anesthesia minutes	PR1	6	4	NM			
00398	Anesthesiologist	PR1	6	60	CN			0010
00285	Anticipated Price	RQ1	4	10	ST			
00518	Appeal reason	IN3	6	60	CE			
00016	Application acknowledgement type	MSH	2	2	ID			0155
00133	Assigned Patient Location	PV1	3	12	CM			

Item #	DATA ELEMENT	SEG ID	OWN	MAX LEN	DT	R/O	REP	TBL
00133	Assigned Patient location	FT1	6	12	CM			0079
00445	Assignment of benefits	IN1	6	2	ID			0135
00265	Assistant Result Interpreter	OBR	4	60	CM		Y	
00137	Attending Doctor	PV1	3	60	CN			0010
00439	Authorization information	IN1	6	55	CM			
00490	Baby coverage	IN2	6	1	ID			0136
00682	Backup Person ID	STF	8A	60	CE		Y	
00161	Bad Debt Agency Code	PV1	3	10	ID			0021
00163	Bad Debt Recovery Amount	PV1	3	12	NM			
00162	Bad Debt Transfer Amount	PV1	3	12	NM			
00090	Batch Comment	BHS	2	80	ST			
00096	Batch Comment	BTS	2	80	ST			
00091	Batch Control ID	BHS	2	20	ST			
00087	Batch Creation Date/Time	BHS	2	26	TS			
00082	Batch Encoding Characters	BHS	2	3	ST	R		
00081	Batch Field Separator	BHS	2	1	ST	R		
00093	Batch Message Count	BTS	2	10	ST			
00089	Batch Name/ID/Type	BHS	2	20	ST			
00085	Batch Receiving Application	BHS	2	15	ST			
00086	Batch Receiving Facility	BHS	2	20	ST			
00088	Batch Security	BHS	2	40	ST			
00083	Batch Sending Application	BHS	2	15	ST			
00084	Batch Sending Facility	BHS	2	20	ST			
00095	Batch Totals	BTS	2	100	CM		Y	
00209	Bed Location	NPU	3	12	CM	R		0079

Item #	DATA ELEMENT	SEG ID	OWN	MAX LEN	DT	R/O	REP	TBL
00170	Bed Status	PV1	3	1	ID			0116
00170	Bed Status	NPU	3	1	ID			0116
00457	Billing status	IN1	6	2	ID			0022
00128	Birth Order	PID	3	2	NM			
00126	Birth Place	PID	3	25	ST			
00531	Blood deductible	IN2	6	1	NM			
00492	Blood deductible (43)	UB1	6	1	NM			0136
00532	Blood furn-pints of (40)	UB1	6	2	NM			
00534	Blood not rplcd-pints(42)	UB1	6	2	NM			
00533	Blood replaced-pints (41)	UB1	6	2	NM			
00195	Business Phone Number	NK1	3	40	TN			
00228	Call Back Phone Number	ORC	4	40	TN		Y/2	
00522	Case manager	IN3	6	48	ST			
00519	Certification agency	IN3	6	60	CE			
00520	Certification agency phone number	IN3	6	40	TN		Y/3	
00510	Certification begin date	IN3	6	8	DT			
00516	Certification contact	IN3	6	48	ST			
00517	Certification contact phone number	IN3	6	40	TN		Y/3	
00507	Certification date/time	IN3	6	26	TS			
00511	Certification end date	IN3	6	8	DT			
00508	Certification modify date/time	IN3	6	26	TS			
00503	Certification number	IN3	6	25	ST			
00505	Certification required	IN3	6	1	ID			0136
00504	Certified by	IN3	6	60	CN			
00481	Champus ID number	IN2	6	20	NM			
00489	Champus non-avail cert on file	IN2	6	1	ID			0136

Item #	DATA ELEMENT	SEG ID	OWN	MAX LEN	DT	R/O	REP	TBL
00483	Champus organization	IN2	6	25	ST			
00486	Champus rank/grade	IN2	6	2	ID			0141
00488	Champus retire date	IN2	6	8	DT			
00485	Champus service	IN2	6	14	ID			0140
00480	Champus sponsor name	IN2	6	48	PN			
00484	Champus station	IN2	6	25	ST			
00487	Champus status	IN2	6	3	ID			0142
00151	Charge Price Indicator	PV1	3	2	ID			0032
00256	Charge to Practice	OBR	4	40	CM			
00235	Charge Type	BLG	4	50	ID			0122
00129	Citizenship	PID	3	3	ID		Y	0171
00535	Co-insurance days (25)	UB1	6	2	NM			
00554	Co-insurance days (9)	UB2	6	3	ST			
00599	Coded Representation of Method	OM1	7	200	CE		Y	
00243	Collection Volume	OBR	4	20	CQ	C		
00244	Collector Identifier	OBR	4	60	CN		Y	
00491	Combine baby bill	IN2	6	1	ID			0136
00098	Comment	NTE	2	64k	FT		Y	
00460	Company plan code	IN1	6	8	ID			0042
00315	Component Amount	RXC	4	20	NM	R		
00314	Component Code	RXC	4	100	CE	R		
00316	Component Units	RXC	4	20	CE	R		
00555	Condition code (24-30)	UB2	6	2	ID		Y/7	0043
00536	Condition code (35-39)	UB1	6	2	ID		Y/5	0043
00615	Confidentiality Code	OM1	7	1	ID			0177
00403	Consent code	PR1	6	2	ID			0059
00139	Consulting Doctor	PV1	3	60	CN		Y	0010
00196	Contact Role	NK1	3	60	CE			0131
00014	Continuation pointer	MSH	2	180	ST			
00060	Continuation Pointer	DSC	2	180	ST			

Item #	DATA ELEMENT	SEG ID	OWN	MAX LEN	DT	R/O	REP	TBL
00156	Contract Amount	PV1	3	12	NM		Y	
00154	Contract Code	PV1	3	2	ID		Y	0044
00155	Contract Effective Date	PV1	3	8	DT		Y	
00157	Contract Period	PV1	3	3	NM		Y	
00618	Contraindications to Observations	OM1	7B	64k	CE			
00447	Coord of ben. Priority	IN1	6	2	ST			
00446	Coordination of benefits	IN1	6	2	ID			0173
00017	Country code	MSH	2	2	ID			
00115	County code	PID	3	4	ID			
00152	Courtesy Code	PV1	3	2	ID			0045
00537	Covered days - (23)	UB1	6	3	NM			
00556	Covered days (7)	UB2	6	3	ST			
00153	Credit Rating	PV1	3	2	ID			0046
00176	Current Patient Balance	PV1	3	12	NM			
00328	D/T of Most Recent Refill or Dose Dispensed	RXE	4	26	TS	C		
00501	Daily deductible	IN2	6	25	CM			
00246	Danger Code	OBR	4	60	CE			
00063	Data Line	DSP	2	300	TX	R		
00580	Date Last Obs Normal Values	OBX	7	26	TS			
00284	Date Needed	RQD	4	8	DT			
00110	Date of Birth	STF	8	26	TS			
00110	Date of Birth	PID	3	26	TS			
00336	Date/Time Dispensed	RXD	4	26	TS			
00346	Date/Time End of Administration	RXA	4	26	TS	R		
00223	Date/Time of Transaction	ORC	4	26	TS			
00100	Date/Time of Event	EVN	3	26	TS	R		
00007	Date/Time of message	MSH	2	26	TS			

Item #	DATA ELEMENT	SEG ID	OWN	MAX LEN	DT	R/O	REP	TBL
00582	Date/Time of the Observation	OBX	7	26	TS			
00101	Date/Time Planned Event	EVN	3	26	TS			
00044	Date/Time Selection Qualifier	QRF	2	12	ID		Y	0158
00606	Date/Time Stamp for any change in Def Attri for Obs	OM1	7B	26	TS	R		
00345	Date/Time Start of Administration	RXA	4	26	TS	R		
00512	Days	IN3	6	3	CM			0149
00029	Deferred Response Type	QRD	2	1	ID			0107
00030	Deferred Response Date/Time	QRD	2	26	TS			
00459	Delay before L. R. day	IN1	6	4	NM			
00022	Delayed Acknowledgement type	MSA	2	1	ID			0102
00164	Delete Account Indicator	PV1	3	1	ID			0111
00165	Delete Account Date	PV1	3	8	DT			
00283	Deliver To ID	RQD	4	60	CE			
00299	Deliver-to Location	RXE	4	12	CM	C		
00299	Deliver-to Location	RXO	4	12	CM	C		
00676	Department	STF	8A	200	CE		Y	0184
00367	Department code	FT1	6	60	CE			0049
00482	Dependent of champus recipient	IN2	6	I	ID			
00281	Dept. Cost Center	RQD	4	30	ID			
00626	Description of Test Methods	OM1	7B	64k	TX			
00390	Diagnosing clinician	DG1	6	60	CN			
00377	Diagnosis code	DG1	6	8	ID			0051
00371	Diagnosis code	FT1	6	8	CE		Y	0051
00376	Diagnosis coding	DG1	6	2	ID	R		0053

Item #	DATA ELEMENT	SEG ID	OWN	MAX LEN	DT	R/O	REP	TBL
	method							
00379	Diagnosis date/time	DG1	6	26	TS			
00378	Diagnosis description	DG1	6	40	ST			
00389	Diagnosis/DRG priority	DG1	6	2	NM			
00380	Diagnosis/DRG type	DG1	6	2	ID	R		0052
00257	Diagnostic Serv Sect ID	OBR	4	10	ID			0074
00382	Diagnostic related group	DG1	6	4	ID			0055
00271	Diet, Supplement, or Preference Code	ODS	4	60	CE	R	Y/20	
00168	Diet Type	PV1	3	2	ID			0114
00175	Discharge Date/Time	PV1	3	26	TS			
00166	Discharge Disposition	PV1	3	3	ID			0112
00167	Discharged to Location	PV1	3	25	CM			0113
00334	Dispense Sub-ID Counter	RXD	4	4	NM	R		
00324	Dispense Units	RXE	4	60	CE	C		
00334	Dispense Sub-ID	RXG	4	4	NM			
00323	Dispense Amount	RXE	4	20	NM	C		
00340	Dispense Notes	RXD	4	200	CE	C	Y	
00335	Dispense/Give Code	RXD	4	100	CE	R		
00299	Dispense-to Location	RXD	4	12	ID	C		
00299	Dispense-to Location	RXG	4	12	ID			
00341	Dispensing Provider	RXD	4	200	CN			
00062	Display Level	DSP	2	4	SI			
00564	Document control number (37)	UB2	6	23	ST		Y/3	
00384	DRG grouper review code	DG1	6	2	ID			0056
00383	DRG approval indicator	DG1	6	2	ID			
00123	Driver's Lic Num - Patient	PID	3	25	CM			
00683	E-mail Address	STF	8A	40	ST		Y	

Item #	DATA ELEMENT	SEG ID	OWN	MAX LEN	DT	R/O	REP	TBL
00662	Effective date/time	MFI	8	26	TS			
00607	Effective Date/Time of Change	OM1	7B	26	TN			
00662	Effective date/time	MFE	8	26	TS			
00498	Eligibility source	IN2	6	1	ID			0144
00475	Employer information data	IN2	6	1	ID			0139
00002	Encoding characters	MSH	2	4	ST	R		
00198	End Date	NK1	3	8	DT			
00224	Entered By	ORC	4	80	CN			
00661	Entered date/time	MFI	8	26	TS			
00227	Enterer's Location	ORC	4	80	CM			
00231	Entering Organization	ORC	4	60	CE			
00232	Entering Device	ORC	4	60	CE			
00023	Error Condition	MSA	2	100	CE			
00024	Error Code and Location	ERR	2	80	CM	R	Y	0060
00669	Error return code &/or text	MFA	8	60	CE	R		0181
00125	Ethnic Group	PID	3	1	ID			0189
00668	Event completion date/time	MFA	8	26	TS	C		
00102	Event Reason Code	EVN	3	3	ID			0062
00099	Event Type Code	EVN	3	3	ID	R		0003
00021	Expected Sequence Number	MSA	2	15	NM			
00189	Expected Discharge Date	PV2	3	8	DT			
00188	Expected Admit Date	PV2	3	8	DT			
00624	Factors that may Effect the Observation	OM1	7B	200	TX			
00370	Fee schedule	FT1	6	1	ID			0024
00001	Field separator	MSH	2	1	ST	R		
00074	File Security	FHS	2	40	ST			

Item #	DATA ELEMENT	SEG ID	OWN	MAX LEN	DT	R/O	REP	TBL
00076	File Header Comment	FHS	2	80	ST			
00067	File Field Separator	FHS	2	1	ST	R		
00069	File Sending Application	FHS	2	15	ST			
00073	File Creation Date/Time	FHS	2	26	TS			
00068	File Encoding Characters	FHS	2	4	ST	R		
00070	File Sending Facility	FHS	2	20	ST			
00075	File Name/ID	FHS	2	20	ST			
00080	File Trailer Comment	FTS	2	80	ST			
00077	File Control ID	FHS	2	20	ST			
00072	File Receiving Facility	FHS	2	20	ST			
00079	File Batch Count	FTS	2	10	NM			
00071	File Receiving Application	FHS	2	15	ST			
00660	File-level event code	MFI	8	3	ID	R		0178
00217	Filler Order Number	OBR	4	75	CM	C		
00217	Filler order number	FT1	6	75	CM			
00217	Filler Order Number	ORC	4	75	CM	C		
00253	Filler Field 1	OBR	4	60	ST			
00254	Filler Field 2	OBR	4	60	ST			
00150	Financial Class	PV1	3	50	CM		Y/4	0064
00621	Fixed Canned Message	OM1	7B	64k	CE			
00333	Give Rate Amount	RXE	4	6	ST			
00318	Give Amount - Minimum	RXE	4	20	NM	R		
00332	Give Rate Units	RXE	4	60	CE			
00342	Give Sub-ID Counter	RXG	4	4	NM	R		
00342	Give Sub-ID Counter	RXA	4	4	NM	R		
00318	Give Amount - Minimum	RXG	4	20	NM	R		
00320	Give Units	RXE	4	60	CE	R		
00320	Give Units	RXG	4	60	CE	R		
00333	Give Rate Units	RXG	4	60	CE			

Item #	DATA ELEMENT	SEG ID	OWN	MAX LEN	DT	R/O	REP	TBL
00332	Give Rate Amount	RXG	4	6	ST			
00317	Give Code	RXG	4	100	CE	R		
00331	Give Per (Time Unit)	RXG	4	20	ST	C		
00319	Give Amount - Maximum	RXE	4	20	NM			
00317	Give Code	RXE	4	100	CE	R		
00319	Give Amount - Maximum	RXG	4	20	NM			
00331	Give Per (Time Unit)	RXE	4	20	ST	C		
00321	Give Dosage Form	RXE	4	60	CE			
00321	Give Dosage Form	RXG	4	60	CE			
00433	Group number	IN1	6	12	ST			
00434	Group name	IN1	6	35	ST			
00388	Grouper version and type	DG1	6	4	ST			
00411	Guarantor ph num-business	GT1	6	40	TN		Y/3	
00419	Guarantor priority	GT1	6	2	NM			
00415	Guarantor relationship	GT1	6	2	ID			0063
00425	Guarantor organization	GT1	6	60	ST			
00406	Guarantor number	GT1	6	20	CK			
00414	Guarantor type	GT1	6	2	ID			0068
00416	Guarantor SSN	GT1	6	11	ST			
00408	Guarantor spouse name	GT1	6	48	PN			
00413	Guarantor sex	GT1	6	1	ID			0001
00410	Guarantor ph num-home	GT1	6	40	TN		Y/3	
00417	Guarantor date - begin	GT1	6	8	DT			
00418	Guarantor date - end	GT1	6	8	DT			
00412	Guarantor date of birth	GT1	6	8	DT			
00409	Guarantor address	GT1	6	106	AD			
00422	Guarantor employ phone number	GT1	6	40	TN		Y/3	

Item #	DATA ELEMENT	SEG ID	OWN	MAX LEN	DT	R/O	REP	TBL
00407	Guarantor name	GT1	6	48	PN	R		
00423	Guarantor employee ID num	GT1	6	20	ST			
00421	Guarantor employer address	GT1	6	106	AD			
00424	Guarantor employment status	GT1	6	2	ID			0066
00421	Guarantor employer name	GT1	6	45	ST			
00278	Hospital Item Code	RQD	4	60	CE			
00140	Hospital Service	PV1	3	3	ID			0069
00208	Identification Date	AL1	3	8	DT			
00598	Identity of Instrument Used to Perfrom this Study	OM1	7B	60	CE		Y	
00681	Inactivation Date	STF	8	19	CM		Y	
00368	Insurance plan ID	IN1	6	8	ID	R		0072
00430	Insurance company address	IN1	6	106	AD			
00368	Insurance plan ID	FT1	6	8	ID			0072
00369	Insurance amount	FT1	6	12	CM			
00429	Insurance company name	IN1	6	45	ST			
00431	Insurance co. Contact pers	IN1	6	48	PN			
00432	Insurance co phone number	IN1	6	40	TN		Y/3	
00428	Insurance company ID	IN1	6	6	ST	R		
00435	Insured's group emp ID	IN1	6	12	ST			
00442	Insured's relationship to patient	IN1	6	2	ID			0063
00473	Insured's social security number	IN2	6	9	NM			
00436	Insured's group emp Name	IN1	6	45	ST			
00468	Insured's sex	IN1	6	1	ID			0001

Item #	DATA ELEMENT	SEG ID	OWN	MAX LEN	DT	R/O	REP	TBL
00444	Insured's address	IN1	6	106	AD			
00467	Insured's employment status	IN1	6	60	CE			0066
00472	Insured's employee ID	IN2	6	15	ST			
00443	Insured's date of birth	IN1	6	8	DT			
00469	Insured's employer address	IN1	6	106	AD			
00474	Insured's employer name	IN2	6	60	CN			
00158	Interest Code	PV1	3	2	ID			0073
00617	Interpretation of Observations	OM1	7	64k	TX			
00282	Item Natural Account Code	RQD	4	30	ID			
00276	Item Code - Internal	RQD	4	60	CE			
00277	Item Code - External	RQD	4	60	CE			
00118	Language - Patient	PID	3	25	ST			
00458	Lifetime reserve days	IN1	6	4	NM			
00064	Logical Break Point	DSP	2	2	ST			
00476	Mail claim party	IN2	6	1	ID			0137
00381	Major diagnostic category	DG1	6	60	CE			0118
00286	Manufactured ID	RQ1	4	60	CE			
00287	Manufacturer's Catalog	RQ1	4	16	ST			
00119	Marital Status	PID	3	1	ID			0002
00659	Master file application identifier	MFI	8	6	ID			0176
00658	Master file identifier	MFI	8	60	CE	R		0175
00478	Medicaid case name	IN2	6	48	PN			
00479	Medicaid case number	IN2	6	15	NM			
00477	Medicare health ins card number	IN2	6	15	NM			
00009	Message type	MSH	2	7	CM	R		0076
00010	Message control ID	MSH	2	20	ST	R		

Item #	DATA ELEMENT	SEG ID	OWN	MAX LEN	DT	R/O	REP	TBL
00010	Message Control ID	MSA	2	20	ST	R		
00665	MFN control ID	MFE	8	20	ST	C		
00665	MFN control ID	MFN	8	20	ST	C		
00124	Mother's Identifier	PID	3	20	CK			
00109	Mother's Maiden Name	PID	3	30	ST			
00127	Multiple Birth Indicator	PID	3	2	ID			
00191	Name	NK1	3	48	PN			
00441	Name of insured	IN1	6	48	PN			
00603	Nature of Test/Observation	OM1	7B	1	ID	R		0174
00578	Nature of Abnormal Test	OBX	7	5	ID			0080
00307	Needs Human Review	RXD	4	1	ID			
00307	Needs Human Review	RXO	4	1	ID			
00307	Needs Human Review	RXE	4	1	ID			
00307	Needs Human Review	RXG	4	1	ID			
00199	Next of Kin Job Title	NK1	3	60	ST			
00200	Next of Kin Job Code/Class	NK1	3	20	CM			
00201	Next of Kin Employee Number	NK1	3	20	ST			
00538	Non covered days - (24)	UB1	6	3	NM			
00514	Non-concur eff date/time	IN3	6	26	TS			
00513	Non-concur code/description	IN3	6	60	CE			
00495	Non-covered insurance code	IN2	6	8	ID		Y	0143
00557	Non-covered days (8)	UB2	6	4	ST			
00449	Notice of admission date	IN1	6	8	DT			
00448	Notice of admission code	IN1	6	2	ID			0136
00540	Number of grace days (90)	UB1	6	2	NM			

Item #	DATA ELEMENT	SEG ID	OWN	MAX LEN	DT	R/O	REP	TBL
00304	Number of Refills	RXO	4	3	NM			
00327	Number of Refills/Doses Dispensed	RXE	4	20	NM	C		
00304	Number of Refills	RXE	4	3	NM			
00326	Number of Refills Remaining	RXD	4	20	NM	C		
00326	Number of Refills Remaining	RXE	4	20	NM	C		
00579	Observ Result Status	OBX	7	2	ID	R		0085
00572	Observation Sub-ID	OBX	7	20	ST	C		
00601	Observation Producing Department/Section	OM1	7B	1	ID		Y	
00573	Observation Value	OBX	7	64k	*	C		
00591	Observation Description	OM1	7B	200	CE			
00571	Observation Identifier	OBX	7	80	CE	R		
00241	Observation Date/Time	OBR	4	26	TS	C		
00242	Observation End Date/Time	OBR	4	26	TS	C		
00616	Observations Required to Interpret the Obs	OM1	7B	200	CE			
00548	Occur span end date (33)	UB1	6	8	DT			
00547	Occur span start date(33)	UB1	6	8	DT			
00559	Occurrence code & date (32-35)	UB2	6	11	CM		Y/8	
00546	Occurrence span (33)	UB1	6	2	ID			
00545	Occurrence (28-32)	UB1	6	20	CM		Y/5	
00560	Occurrence span code/dates (36)	UB2	6	28	CM		Y/2	
00679	Office/Home Address	STF	8A	106	AD		Y/2	
00509	Operator	IN3	6	60	CN			
00103	Operator ID	EVN	3	5	ID			0188
00219	Order Status	ORC	4	2	ID			0038
00229	Order Effective	ORC	4	26	TS			

Item #	DATA ELEMENT	SEG ID	OWN	MAX LEN	DT	R/O	REP	TBL
	Date/Time							
00250	Order Callback Phone Number	OBR	4	40	TN		Y/2	
00230	Order Control Code Reason	ORC	4	200	CE			
00215	Order Control	ORC	4	2	ID	R		0119
00597	Orderability	OM1	7B	1	ID			0136
00373	Ordered by code	FT1	6	60	CN			
00305	Ordering Provider's DEA Number	RXO	4	60	CN	C		
00305	Ordering Provider's DEA Number	RXE	4	60	CN	C		
00226	Ordering Provider	OBR	4	80	CN			
00226	Ordering Provider	ORC	4	80	CN			
00202	Organization Name	NK1	3	60	ST			
00592	Other Test/Observation IDs for the Observation	OM1	7B	200	CE			
00593	Other Names	OM1	7B	200	ST	R	Y	
00041	Other QRY Subject Filter	QRF	2	20	ST		Y	
00387	Outlier cost	DG1	6	12	NM			
00385	Outlier type	DG1	6	60	CE			0083
00386	Outlier days	DG1	6	3	NM			
00612	Outside Site(s) Where Observation may be Performed	OM1	7B	200	CE		Y	
00259	Parent Result	OBR	4	200	CM			
00261	Parent Number	OBR	4	150	CM			
00222	Parent	ORC	4	200	CM			
00148	Patient type	FT1	6	2	ID			0018
00622	Patient Preparation	OM1	7B	200	TX			
00185	Patient Valuables	PV2	3	25	ST		Y	
00114	Patient Address	PID	3	106	AD		Y/3	
00148	Patient Type	PV1	3	2	ID			0018

Item #	DATA ELEMENT	SEG ID	OWN	MAX LEN	DT	R/O	REP	TBL
00132	Patient Class	PV1	3	1	ID	R		0004
00186	Patient Valuables Location	PV2	3	25	ST			
00112	Patient Alias	PID	3	48	PN		Y	
00105	Patient ID (External ID)	PID	3	16	CK			
00106	Patient ID (Internal ID)	PID	3	20	CM	R	Y	
00108	Patient Name	PID	3	48	PN	R		
00121	Patient Account Number	PID	3	20	CK			
00497	Payor subscriber ID	IN2	6	6	ST			
00496	Payor ID	IN2	6	6	ST			
00506	Penalty	IN3	6	1	ID			0148
00172	Pending Location	PV1	3	12	CM			
00372	Performed by code	FT1	6	60	CN			0084
00588	Permitted Data Types	OM1	7B	12	ID		Y	0125
00306	Pharmacist Verifier ID	RXE	4	60	CN	C		
00306	Pharmacist Verifier ID	RXO	4	60	CN	C		
00344	Pharmacy Special Administration Instructions	RXG	4	200	CE		Y	
00330	Pharmacy Special Dispensing Instructions	RXD	4	200	CE		Y	
00330	Pharmacy Special Dispensing Instructions	RXE	4	200	ST			
00194	Phone Number	NK1	3	40	TN		Y/3	
00614	Phone Number of Outside Site	OM1	7B	400	TN			
00678	Phone	STF	8A	40	TN		Y	
00117	Phone Number - Business	PID	3	40	TN		Y/3	
00116	Phone Number - Home	PID	3	40	TN		Y/3	
00515	Physician reviewer	IN3	6	60	CN			
00216	Placer Order Number	OBR	4	75	CM	C		
00216	Placer Order Number	ORC	4	75	CM	C		

Item #	DATA ELEMENT	SEG ID	OWN	MAX LEN	DT	R/O	REP	TBL
00252	Placer field 2	OBR	4	60	ST			
00218	Placer Group Number	ORC	4	75	CM			
00251	Placer field 1	OBR	4	60	ST			
00440	Plan type	IN1	6	2	ID			0086
00437	Plan effective date	IN1	6	8	DT			
00438	Plan expiration date	IN1	6	8	DT			
00500	Policy type/amount	IN2	6	25	CM		Y	0147 & 0197
00461	Policy number	IN1	6	15	ST			
00462	Policy deductible	IN1	6	12	NM			
00463	Policy limit - amount	IN1	6	12	NM			
00464	Policy limit - days	IN1	6	4	NM			
00600	Portable	OM1	7B	1	ID			0136
00	PRA - primary key value	PRA	8A	20	ST	R		
00	Practitioner Category	PRA	8A	3	ID		Y	
00690	Practitioner ID Numbers	PRA	8A	100	ST		Y	
00	Practitioner group	PRA	8A	60	CE		Y	
00453	Pre-admit cert (PAC)	IN1	6	15	ST			
00521	Pre-certification req/window	IN3	6	10	CM		Y	0150
00135	Preadmit Number	PV1	3	20	ST			
00142	Preadmit Test Indicator	PV1	3	2	ID			0087
00595	Preferred Short Name or Mnemonic for Observation	OM1	7B	8	ST			
00594	Preferred Report Name for the Observation	OM1	7B	30	ST			
00596	Preferred Long Name for the Observation	OM1	7B	200	ST			
00684	Preferred Phone	STF	8A	1	ID			
00325	Prescription Number	RXE	4	20	ST	R		
00325	Prescription Number	RXD	4	20	NM	C		
00667	Primary key value	MFE	8A	60	CE	R	Y	

Item #	DATA ELEMENT	SEG ID	OWN	MAX LEN	DT	R/O	REP	TBL
00667	Primary key value	MFA	8A	60	CE			
00264	Principal Result Interpreter +	OBR	4	60	CM			
00211	Prior Patient ID - Internal	MRG	3	20	CM	R		
00213	Prior Patient Account Number	MRG	3	20	CK			
00214	Prior Patient ID - External	MRG	3	16	CK			
00471	Prior insurance plan ID	IN1	6	8	ID			0072
00212	Prior Alternate Patient ID	MRG	3	16	ST			
00181	Prior Pending Location	PV2	3	12	CM			
00173	Prior Temporary Location	PV1	3	12	CM			
00136	Prior Patient Location	PV1	3	12	CM			
00239	Priority - NOT USED in 2.2	OBR	4	2	ID			
00691	Privileges	PRA		20	ST		Y	
00577	Probability	OBX	7	5	NM			
00402	Procedure Practitioner	PR1	6	60	CM		Y	0010
00404	Procedure priority	PR1	6	2	NM			
00397	Procedure minutes	PR1	6	4	NM			
00396	Procedure type	PR1	6	2	ID	R		0090
00394	Procedure description	PR1	6	40	ST		Y	
00623	Procedure Medication	OM1	7B	200	CE			
00392	Procedure coding method	PR1	6	2	ID	R	Y	0089
00393	Procedure code	PR1	6	10	ID	R	Y	0088
00395	Procedure date/time	PR1	6	26	TS	R		
00609	Processing Time	OM1	7B	20	NM			
00011	Processing ID	MSH	2	1	ID	R		0103
00610	Processing Priority	OM1	7B	40	ID		Y	0168
00590	Producer ID	OM1	7B	200	CE	R		

Item #	DATA ELEMENT	SEG ID	OWN	MAX LEN	DT	R/O	REP	TBL
00583	Producer's ID	OBX	7	60	CE			
00587	Producer's Test/Observation ID	OM1	7B	200	CE	R		
00688	Provider Billing	PRA	8A	1	ID			
00297	Provider's Pharmacy Instructions	RXO	4	200	CE		Y	
00298	Provider's Administration Instructions	RXE	4	200	CE		Y	
00298	Provider's Administration Instructions	RXO	4	200	CE		Y	
00544	PSRO/UR aprvd stay-to (89)	UB1	6	8	DT			
00543	PSRO/UR aprvd stay-fm (88)	UB1	6	8	DT			
00542	PSRO/UR approval ind (87)	UB1	6	1	ID			
00221	Quantity/Timing	RXG	4	200	TQ	R		
00221	Quantity/Timing	RXE	4	200	TQ	R		
00221	Quantity/Timing	OBR	4	200	TQ		Y	
00221	Quantity/Timing	ORC	4	200	TQ			
00031	Quantity Limited Request	QRD	2	10	CQ	R		0126
00028	Query ID	QRD	2	10	ST	R		
00036	Query Results Level	QRD	2	1	ID			0108
00027	Query Priority	QRD	2	1	ID	R		0091
00025	Query Date/Time	QRD	2	26	TS	R		
00026	Query Format Code	QRD	2	1	ID	R		0106
00054	R/U When Data End Date/Time	URS	2	26	TS			
00056	R/U Other Results Subject Definition	URS	2	20	ST		Y	
00055	R/U What User Qualifier	URS	2	20	ST		Y	
00052	R/U Where Subject Definition	URS	2	20	ST	R	Y	

Item #	DATA ELEMENT	SEG ID	OWN	MAX LEN	DT	R/O	REP	TBL
00051	R/U Results Level	URD	2	1	ID			0108
00057	R/U Which Date/Time Qualifier	URS	2	12	ID		Y	0156
00053	R/U When Data Start Date/Time	URS	2	26	TS			
00050	R/U Display/Print Locations	URD	2	20	ST		Y	
00047	R/U Who Subject Definition	URD	2	20	ST	R	Y	
00045	R/U Date/Time	URD	2	26	TS			
00048	R/U What Subject Definition	URD	2	3	ID		Y	0048
00049	R/U What Department Code	URD	2	20	ST		Y	
00059	R/U Date/Time Selection Qualifier	URS	2	12	ID		Y	0158
00058	R/U Which Date/Time Status Qualifier	URS	2	12	ID		Y	0157
00113	Race	PID	3	1	ID			0005
00143	Readmission indicator	PV1	3	2	ID			0092
00263	Reason for Study	OBR	4	300	CE		Y	
00006	Receiving facility	MSH	2	30	ST			
00005	Receiving application	MSH	2	30	ST			
00664	Record-level event code	MFE	8A	3	ID	R		0180
00664	Record-level event code	MFA	8A	3	ID	R		0180
00078	Reference File Control ID	FHS	2	20	ST			
00092	Reference Batch Control ID	BHS	2	20	ST			
00575	References Range	OBX	7	60	ST			
00138	Referring Doctor	PV1	3	60	CN			0010
00619	Reflex Tests/Observations	OM1	7B	200	CE		Y	
00192	Relationship	NK1	3	60	CE			0063
00452	Release information	IN1	6	2	ID			0093

Item #	DATA ELEMENT	SEG ID	OWN	MAX LEN	DT	R/O	REP	TBL
	code							
00247	Relevant Clinical Info.	OBR	4	300	ST			
00120	Religion	PID	3	3	ID			0006
00605	Report Display Order	OM1	7B	20	ST			
00046	Report Priority	URD	2	1	ID			0109
00604	Report Subheader	OM1	7B	200	CE			
00611	Reporting Priority	OM1	7B	5	ID			0176
00296	Requested Dosage Form	RXO	4	60	CE			
00293	Requested Give Amount - Minimum	RXO	4	20	NM	R		
00303	Requested Dispense Units	RXO	4	60	CE	C		
00295	Requested Give Units	RXO	4	60	CE	R		
00294	Requested Give Amount - Maximum	RXO	4	20	NM			
00308	Requested Give Per (Time Unit)	RXO	4	20	ST	C		
00292	Requested Give Code	RXO	4	100	CE	R		
00301	Requested Dispense Code	RXO	4	100	CE	C		
00240	Requested Date/time - NOT USED	OBR	4	26	TS			
00302	Requested Dispense Amount	RXO	4	20	NM	C		
00280	Requisition Unit of	RQD	4	60	CE			
00279	Requisition Quantity	RQD	4	6	NM			
00275	Requisition Line Number	RQD	4	4	SI			
00663	Response level code	MFI	8A	2	ID	R		0179
00220	Response Flag	ORC	4	1	ID			0121
00584	Responsible Observer	OBX	7	60	CN			
00258	Result Status +	OBR	4	1	ID	C		0123
00065	Result ID	DSP	2	20	TX			

Item #	DATA ELEMENT	SEG ID	OWN	MAX LEN	DT	R/O	REP	TBL
00260	Result Copies To	OBR	4	150	CN		Y/5	
00255	Results Rpt/Status Chng - Date/Time +	OBR	4	26	TS	C		
00466	Room rate - private	IN1	6	12	NM			
00465	Room rate - semi-private	IN1	6	12	NM			
00499	Room coverage type/amount	IN2	6	25	CM		Y	0145 & 0146
00309	Route	RXR	4	60	CE	R		0162
00451	Rpt of eligibility date	IN1	6	8	DT			
00450	Rpt of eligibility code	IN1	6	2	ID			0136
00620	Rules that Trigger Reflex Testing	OM1	7B	80	ST			
00313	RX Component Type	RXC	4	1	ID	R		0166
00268	Scheduled Date/Time	OBR	4	26	TS			
00523	Second opinion date	IN3	6	8	DT			
00525	Second opinion documentation received	IN3	6	1	ID			0152
00526	Second opinion practitioner	IN3	6	60	CN			
00524	Second opinion status	IN3	6	1	ID			0151
00008	Security	MSH	2	40	ST			
00585	Segment Type ID	OM2	7B	3	ST			
00585	Segment Type ID	OM3	7B	3	ST			
00585	Segment Type ID	OM4	7B	3	ST			
00585	Segment Type ID	OM5	7B	3	ST			
00585	Segment Type ID	OM6	7B	3	ST			
00585	Segment Type ID	OM1	7B	3	ST	R		
00003	Sending application	MSH	2	15	ST			
00004	Sending facility	MSH	2	20	ST			
00013	Sequence number	MSH	2	15	NM			
00586	Sequence Number	OM1	7B	4	NM	R		

Item #	DATA ELEMENT	SEG ID	OWN	MAX LEN	DT	R/O	REP	TBL
00586	Sequence Number	OM2	7B	4	NM			
00586	Sequence Number	OM3	7B	4	NM			
00586	Sequence Number	OM4	7B	4	NM			
00586	Sequence Number	OM5	7B	4	NM			
00586	Sequence Number	OM6	7B	4	NM			
00270	Service Period	ODS	4	60	CE		Y10	
00270	Service Period	ODT	4	60	CE		Y10	
00677	Service	STF	8A	200	CE		Y	
00169	Servicing Facility	PV1	3	2	ID			0115
00391	Set ID - procedure	PR1	6	4	SI	R		
00569	Set ID - Observational Simple	OBX	7	4	SI			
00131	Set ID - Patient Visit	PV1	3	4	SI			
00237	Set ID - Observation Request	OBR	4	4	SI			
00096	Set ID - Notes and Comments	NTE	2	4	SI			
00553	Set ID - UB92	UB2	6	4	SI			
00530	Set ID - UB82	UB1	6	4	SI			
00104	Set ID - Patient ID	PID	3	4	SI			
00203	Set ID - Allergy	AL1	3	4	SI	R		
00190	Set ID - Next of Kin	NK1	3	4	SI	R		
00061	Set ID - Display Data	DSP	2	4	SI			
00375	Set ID - diagnosis	DG1	6	4	SI	R		
00355	Set ID - financial transaction	FT1	6	4	SI			
00426	Set ID - insurance	IN1	6	4	SI	R		
00405	Set ID - guarantor	GT1	6	4	SI	R		
00502	Set ID - insurance certification	IN3	6	4	SI	R		
00111	Sex	STF	8A	1	ID			0001
00111	Sex	PID	3	1	ID			0001

Item #	DATA ELEMENT	SEG ID	OWN	MAX LEN	DT	R/O	REP	TBL
00310	Site	RXR	4	60	CE			0163
00097	Source of Comment	NTE	2	8	ID			0105
00541	Spec prog indicator (44)	UB1	6	2	ID			
00494	Special coverage approval title	IN2	6	30	ST			
00493	Special coverage approval name	IN2	6	48	PN			
00689	Specialty	PRA	8A	100	ST		Y	
00589	Specimen Required	OM1	7B	1	ID	R		0136
00249	Specimen Source *	OBR	4	300	CM			0070
00248	Specimen Received Date/Time *	OBR	4	26	TS	C		
00245	Specimen Action Code *	OBR	4	1	ID			0065
00122	SSN Number - Patient	PID	3	16	ST			
00672	Staff ID Code	STF	8A	60	CE		Y	
00674	Staff Type	STF	8A	2	ID		Y	0182
00673	Staff Name	STF	8A	48	PN			
00197	Start Date	NK1	3	8	DT			
00671	STF - primary key value	STF	8A	60	CE	R		
00291	Substitute Allowed	RQ1	4	1	ID			0136
00322	Substitution Status	RXG	4	20	ID			0167
00322	Substitution Status	RXD	4	1	ID			0167
00322	Substitution Status	RXE	4	1	ID			0167
00401	Surgeon	PR1	6	60	CN			0010
00290	Taxable	RQ1	4	1	ID			0136
00266	Technician +	OBR	4	60	CM		Y	
00602	Telephone Number of Section	OM1	7B		TN			
00141	Temporary Location	PV1	3	12	CM			0079
00625	Test/Observation Performance Schedule	OM1	7B	60	ST		Y	
00020	Text Message	MSA	2	80	ST			

Item #	DATA ELEMENT	SEG ID	OWN	MAX LEN	DT	R/O	REP	TBL
00272	Text Instruction	ODS	4	80	ST		Y/2	
00272	Text Instructions	ODT	4	80	ST			
00179	Total Payments	PV1	3	12	NM			
00178	Total Adjustments	PV1	3	12	NM			
00177	Total Charges	PV1	3	12	NM			
00329	Total Daily Dose	RXE	4	10	CQ	C		
00329	Total Daily Dose	RXD	4	10	NM			
00364	Transaction quantity	FT1	6	4	NM			
00360	Transaction type	FT1	6	8	ID	R		0017
00365	Transaction amount - extended	FT1	6	12	NM			
00361	Transaction code	FT1	6	20	ID	R		0132
00366	Transaction amount - unit	FT1	6	12	NM			
00357	Transaction batch ID	FT1	6	10	ST			
00363	Transaction description - alt	FT1	6	40	ST			
00358	Transaction date	FT1	6	8	DT	R		
00359	Transaction posting date	FT1	6	8	DT			
00362	Transaction description	FT1	6	40	ST			
00356	Transaction ID	FT1	6	12	ST			
00267	Transcriptionist +	OBR	4	60	CM		Y	
00160	Transfer to Bad Debt Date	PV1	3	8	DT			
00159	Transfer to Bad Debt Code	PV1	3	1	ID			0110
00184	Transfer Reason	PV2	3	60	CE			
00262	Transportation Mode	OBR	4	20	ID			0124
00273	Tray Type	ODT	4	5	CE	R		0160
00269	Type	ODS	4	1	ID	R		0159
00456	Type of agreement code	IN1	6	2	ID			0098
00608	Typical Turn-around	OM1	7B	20	NM			

Item #	DATA ELEMENT	SEG ID	OWN	MAX LEN	DT	R/O	REP	TBL
	Time							
00552	UB-82 locator 45	UB1	6	17	ST			
00550	UB-82 locator 9	UB1	6	7	ST			
00551	UB-82 locator 27	UB1	6	8	ST			
00549	UB-82 locator 2	UB1	6	30	ST			
00568	UB92 Locator 78 (state)	UB2	6	2	ST		Y/2	
00567	UB92 locator 57 (national)	UB2	6	27	ST			
00562	UB92 locator 11 (state)	UB2	6	12	ST		Y/2	
00563	UB92 locator 31 (national)	UB2	6	5	ST			
00566	UB92 locator 56 (state)	UB2	6	14	ST		Y/5	
00565	UB92 locator 49 (national)	UB2	6	4	ST		Y23	
00561	UB92 locator 2 (state)	UB2	6	29	ST		Y/2	
00374	Unit cost	FT1	6	12	NM			
00574	Units	OBX	7	60	CE			
00238	Universal Service ID	OBR	4	200	CE	R		
00581	User Defined Access Checks	OBX	7	20	ST			
00570	Value Type	OBX	7	2	ID	R		0125
00539	Value amount & code (46-49)	UB1	6	12	ID		Y/8	0153
00558	Value amount & code (39-41)	UB2	6	11	CM		Y12	
00289	Vendor Catalog	RQ1	4	16	ST			
00288	Vendor ID	RQ1	4	60	CE			
00455	Verification by	IN1	6	60	CN			
00470	Verification status	IN1	6	2	ST			
00454	Verification date/time	IN1	6	26	TS			
00225	Verified By	ORC	4	80	CN			
00012	Version ID	MSH	2	8	ID	R		0104
00130	Veterans Military Status	PID	3	60	CE			0172

Item #	DATA ELEMENT	SEG ID	OWN	MAX LEN	DT	R/O	REP	TBL
00146	VIP Indicator	PV1	3	2	ID			0099
00187	Visit User Code	PV2	3	2	ID			0130
00149	Visit Number	PV1	3	15	NM			
00033	What Subject Filter	QRD	2	3	ID	R	Y	0048
00035	What Data Code Value Qual.	QRD	2	20	ST		Y	
00034	What Department Data Code	QRD	2	20	ST	R	Y	
00040	What User Qualifier	QRF	2	20	ST		Y	
00234	When to Charge	BLG	4	15	CM			0100
00038	When Data Start Date/Time	QRF	2	26	TS			
00039	When Data End Date/Time	QRF	2	26	TS			
00037	Where Subject Filter	QRF	2	20	ST	R	Y	
00042	Which Date/Time Qualifier	QRF	2	12	ID		Y	0156
00043	Which Date/Time Status Qualifier	QRF	2	12	ID		Y	0157
00233	Action by	ORC	4	80	CN			
00633	Absolute Range for Ordinal and Continuous Obs	OM2	7B	200	CM			
00639	Abnormal Test Codes for Categorical Obs	OM3	7B	200	CE			
00647	Additive	OM4	7B	60	CE			
00629	Corresponding SI Units of Measure	OM2	7B	60	CE			
00643	Container Description	OM4	7B	60	TX			
00644	Container Volume	OM4	7B	20	NM			
00632	Critical Range for Ordinal & Continuous Obs	OM2	7B	200	CM			
00640	Critical Test Codes for Categorical Obs	OM3	7B	200	CE			
00641	Data Type	OM3	7B	2	ID			

Item #	DATA ELEMENT	SEG ID	OWN	MAX LEN	DT	R/O	REP	TBL
00634	Delta Check Criteria	OM2	7B	200	CM		Y	
00642	Derived Specimen	OM4	7B	60	ID			0170
00657	Derivation Rule	OM6	7B	10K	TX			
00635	Minimum Meaningful Increments	OM2	7B	20	NM			
00638	Normal Test Codes for Categorical Obs	OM3	7B	200	CE		Y	
00650	Normal Collection Volume	OM4	7B	20	CQ			
00651	Minimum Collection Volume	OM4	7B	20	CQ			
00656	Observation ID Suffixes	OM5	7B	200	ST			
00636	Preferred Coding System	OM3	7B	5	ID			
00648	Preparation	OM4	7B	10K	TX			
00628	Range of Decimal Precision	OM2	7B	10	NM		Y	
00631	Reference (Normal) Range - Ordinal & Continuous Obs	OM2	7B	200	CM			
00655	Test/Observations included w/an Ordered Test Battery	OM5	7B	200	CE		Y	
00630	SI Conversion Factor	OM2	7B	20	TX			
00646	Specimen	OM4	7B	60	CE			
00649	Special Handling Requirements	OM4	7B	10K	TX			
00652	Specimen Requirements	OM4	7B	10K	TX			
00653	Specimen Priorities	OM4	7B	60	ID		Y	0027
00634	Specimen Retention Time	OM4	7B	20	CQ			
00637	Valid Coded "Answers"	OM3	7B	60	CE			
00627	Units of Measure	OM2	7B	60	CE			
00032	Who Subject Filter	QRD	2	20	ST	R	Y	