

MEDITECH Admissions and Registration to Other Vendor Ancillary

Version: 2.4

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General Comments

This interface is designed to provide detailed information on the segments and fields (as related to the sending of Admissions information from the MEDITECH Admission Module) that construct the HL7 interface for Admissions. The specifications contained within this document conform to HL7 specifications version 2.4.

In addition, this document describes the communications protocol and acknowledgement records used for either asynchronous or network communications.

A copy of this specification should be provided to the OTHER VENDOR well in advance of MEDITECH software delivery so that any questions or concerns of the OTHER VENDOR can be resolved as soon as possible.

Proper cabling between the MEDITECH machine and the OTHER VENDOR machine will need to be provided by the hospital. MEDITECH can assist in the specification of the correct cable configuration to be used for the inter-machine link.

It is possible that additional devices such as modems or protocol converter units (PCUs) may need to be purchased by the hospital depending on the hardware platform of the OTHER VENDOR system or on the proximity of the MEDITECH machine to the OTHER VENDOR machine. MEDITECH may be of some assistance in determining specific needs in this area.

The machine to machine communications will need to be thoroughly tested by MEDITECH and the OTHER VENDOR prior to any application level testing.

General Message Format and Functionality

GENERAL MESSAGE FORMAT

Admission data will be passed to the other vendor system in discrete MESSAGES. A single message may contain multiple variable length data transactions referred to as SEGMENTS. The number, type and content of segments in a given message will be determined based upon the type of message being sent. Each segment will begin with a 3 character code known as the Segment ID, followed by a number of fields which are delimited by the Field Separator character.

Each segment will be terminated with a carriage return. Each message will be terminated by a carriage return, which will follow the carriage return of the last segment within the message.

ADMISSION MESSAGES FROM MEDITECH

Messages will be passed from the MEDITECH Admissions System to the Other Vendor for the following events:

- A01 - Admit/visit notification
- A02 - Transfer a patient
- A03 - Discharge/end visit
- A04 - Register a patient
- A05 - Pre-admit a patient
- A06 - Change an outpatient to an inpatient
- A07 - Change an inpatient to an outpatient
- A08 - Update patient information
- A11 - Cancel admit/visit notification
- A12 - Cancel transfer
- A13 - Cancel discharge/end visit
- A14 - Pending Admit
- A17 - Swap patients
- A31 - Demo-recall Edits (Initiated from user entry in both HIM MPI and ADM)
- A34 - Merge/Unmerge/MergeI/UnmergeI
- A35 - Merge (account number only)
- A38 - Cancel pre-admit
- A40 - Merge/Unmerge/MergeI/UnmergeI Patient - Patient Identifier (Active and Inactive Accounts)
- A41 - Merge Patient - Patient Account Number
- A44 - Switch Patient (Account)

In each case, an Admission Message (ADT) will be transmitted. Only one patient per Admission Message will be sent.

For version 2.4+, MSH|9.1.3 is the "abstract message structure definition" and populates per HL7 Table 0354 listed below. Meditech does not send every Trigger Event listed

MSH Value	Trigger Events
ADT_A01	A01, A04, A08, A13
ADT_A02	A02
ADT_A03	A03
ADT_A05	A05, A14, A28, A31
ADT_A06	A06, A07
ADT_A09	A09, A10, A11, A12
ADT_A15	A15
ADT_A16	A16
ADT_A17	A17
ADT_A18	A18
ADT_A20	A20
ADT_A21	A21, A22, A23, A25, A26, A27, A29, A32, A33
ADT_A24	A24

ADT_A30 A30, A34, A35, A36, A46, A47, A48, A49
 ADT_A37 A37
 ADT_A38 A38
 ADT_A39 A39, A40, A41, A42
 ADT_A43 A43, A44
 ADT_A45 A45
 ADT_A50 A50, A51
 ADT_A52 A52, A53, A55
 ADT_A54 A54
 ADT_A60 A60
 ADT_A61 A61, A62

An Admission Message could consist of these message segments:

MSH	Message Header	No multiples
EVN	Event Type	No multiples
PID	Patient Identification	Only one PID per patient
NK1	Next of Kin	Multiples
MRG	Merge	No multiples
PV1	Patient Visit	Only one PV1 per patient
PV2	Patient Visit - Additional Info	Only one PV2 per patient
ROL	Role	Multiples
OBX	Observation Result	Multiples
AL1	Allergy Information	Multiples
DG1	Diagnosis Information	Multiples
DRG	Diagnosis Related Group	Multiples
GT1	Guarantor	Only one GT1 per patient
IN1	Insurance	Multiples
IN2	Additional Insurance Info	Multiples
IN3	Insurance Certification Info	Multiples
ACC	Accident Information	Multiples
UB2	Universal Bill 92 Information	Multiples

An Acknowledgement Message will be expected for network interfaces employing the HL7 Minimal Lower Layer Protocol, or for asynchronous interfaces if the HL7 Sequence Number Protocol is employed.

Sample Message

```
MSH|^&|MT ADM||OV ENG|OV ENG FAC|200912231035||ADT^A01^ADT_A01
|312424|D|2.4||AL|NE|
EVN||200912231035||MT^MEDITECH|200912231033|
PID|1||M00000282^^^MR^ACH00-99-0000^^^SS^ACH1-20091223103443^^^PI^ACH
00000331^^^HUB^ACH|FAKE^PATIENT^U^^^^L||19861220|M|C|900 BILL
BLVD^^CONWAY^AR^77777||777-888-9999|9990001111|S
|CAT|D0000001057|
NK1|1|FAKE^CLAUDE|FRI^Friend|1 BILL
BLVD^^CONWAY^AR^77777|999-000-1111|NOK|
NK1|2|FAKE^MILAN|FRI^Friend|455 BILL
BLVD^^CONWAY^AR^77777|999-111-0000|NOT|
NK1|3|ACEHARDWAR||1 MAIN STREET^^LITTLE
ROCK^^55555||9990001111|EMP||CLERK||ACE HARDWARE|||||||||||||FT|
PV1|1|I|SGYOTH^3E-10^A|EMER||ANG^DOCTOR^SYLVIA^^^M.D.^^^XX||CAR|||SEL
F||BEA^BEAU^FAKE^L.^^M.D.^^^XX|IN|BC|||||||||||||DCH|ADM||2009
12231033|||||BRAJA^FAKE^JAMES^E^^M
.D.^^^XX|
PV2||SGYOTH^3E Surgical Oth|CHEST
PAINS|||||2|1|||||||EMER|20080304|||||||N|
ROL|1|AD|AT|ANG^DOCTOR^SYLVIA^^^M.D.^^^XX|
ROL|2|AD|AD|BEA^BEAU^FAKE^L.^^M.D.^^^XX|
ROL|3|AD|FHCP|BRAJA^FAKE^JAMES^E^^M.D.^^^XX|
ROL|4|AD|PP|NJ^DOCTOR^NEW JERSEY^P.^^M.D.^^^XX|
ROL|5|AD|CP|ANP^AFKNAME^PAUL^J.^^M.D.^^^XX|
OBX|1|TX|ADM.ACC^ACCIDENT DESCRIPTION^ADM||CAR REAR ENDED|||||F|
OBX|2|CE|ADM.ACCF^ACCIDENT FORM COMPLETED^ADM|Y^Y|||||F|
```

OBX|3|CE|ADM.CAR^What type of child passenger seat do you currently
utilize?^ADM||DUA^Don't Use Anything|||||F|
OBX|4|CE|ADM.CARH2^safety seats?^ADM||PNA^Parent Not Available|||||F|
OBX|5|TX|ADM.COUNTY^County of Residence^ADM||LIN|||||F|
OBX|6|TX|ADM.FDBC4^alarms in your home?^ADM||N|||||F|
OBX|7|TX|ADM.GDOB^Guarantor DOB:^ADM||19861220|||||F|
OBX|8|TX|ADM.INCON^Consent Signed, Relationship^ADM||Y|||||F|
OBX|9|CE|ADM.LW^Age 18 or Older, Living Will Info Presented?^ADM||NA^NA|||||F|
OBX|10|TX|ADM.LWF^Living Will on File?^ADM||N|||||F|
OBX|11|TX|ADM.LWH^If No, Is Help Needed in Writing a Living
Will?^ADM||N|||||F|
OBX|12|TX|ADM.PARREF^Parent refused to add patient to policy^ADM||N|||||F|
OBX|13|TX|ADM.RES^Team Resident^ADM||ANDP|||||F|
OBX|14|CE|ADM.RISK^Risk Indicator^ADM||MUD^UNRELATED DONOR|||||F|
OBX|15|TX|ADM.TRAU^Trauma?^ADM||N|||||F|
OBX|16|TX|ADM.TRN^Transplant Donor Account Number^ADM||908888999|||||F|
OBX|17|TX|ADM.USCIT^Patient U.S. Citizen^INS^^BC/BS||Y|||||F|
OBX|18|TX|BAR.ELIG^BAR Eligibility Check^INS^^BC/BS|||||F|
AL1|1|DA|X1175^Naphazoline^^From 20/20 Eye Drops^^allergy.id|MI||20091223|
AL1|2|DA|X1271^Zinc^^From 20/20 Eye Drops^^allergy.id|MI||20091223|
AL1|3|DA|X13480^Mineral, Zinc^^From 20/20 Eye Drops^^allergy.id|MI||20091223|
AL1|4|DA|X737^Glycerin^^From 20/20 Eye Drops^^allergy.id|MI||20091223|
DG1|1||004.2^SHIGELLA BOYDII^I9|||Other|
GT1|1||FAKE^PATIENT^U||900 BILL
BLVD^^CONWAY^AR^77777|999-888-0000|||S|999-00-0000|||ACEHARDWAR|1 MAIN
STREET^^LITTLE ROCK^AK^55555|9990001111|
IN1|1|BC/BS||BLUE CROSS/BLUE SHIELD|PO BOX 2181^^LITTLE
ROCK^AR^72203-2181|||(501)378-2307|9098AAAAS|ACE
HARDWARE|ACEHARDWAR|20090101|20091231|||FAKE^PATIENT^U|S|19861220|900 BILL
BLVD^^CONWAY^
AR^77777|||||||20091223|MT|||||123456789|||||FT^Employed Full
Time|M|^LITTLE ROCK|VERIFIED|
IN2|1|999-00-0000|||||||||||||||||||||Y|||||||C|S|||||||||||||||
||999-888-0000|
IN3|1|CERTIFICATE NUMBER 123|||||20130819|||20130819|20140819|
IN1|2|BHC|BUYER'S HEALTHCARE COALITION|P.O. BOX
150500^^NASHVILLE^TN^37215||800-366-9768|900POAOSAAAB001|ACE
HARDWARE|ACEHARDWAR|20090601|20091231|||FAKE^PATIENT^U|S|19861220|900 BILL
CLINTON BLVD^^C
ONWAY^AR^77777|||||||20091223|MT|||||90000TTTTATTATATAT|||||FT^Employed
Full Time|M|^LITTLE ROCK|VERIFIED|
IN2|2|999-00-0000|||||||||||||||||||||Y|||||||C|S|||||||||||||||
||999-888-0000|
IN3|1|CERTIFICATE NUMBER 222|||||20130819|||20130819|20140819|
UB2|1|||||01^20091222|

Admission Event Table

Supported Event Triggers

All message types mentioned below are defined in the HL7 specification version 2.4.

All Event messages FROM MEDITECH lead with message segments MSH and EVN followed by a PID segment.

MEDITECH supports the following trigger events.

HL7 Section	Event Trigger Name	Event Code	Supported Message Segments
3.3.1	Admit/Visit Notification	A01	ACC, AL1, DG1, DRG, GT1, IN1, NK1, OBX, PV1, PV2, ROL, UB2
3.3.2	Transfer Patient	A02	OBX, PV1, PV2, ROL
3.3.3	Discharge/End Visit	A03	DG1, DRG, OBX, PV1, PV2, ROL
3.3.4	Register Patient	A04	ACC, AL1, DG1, DRG, GT1, IN1, NK1, OBX, PV1, PV2, ROL, UB2
3.3.5	Pre-Admit Patient	A05	ACC, AL1, DG1, DRG, GT1, IN1, NK1, OBX, PV1, PV2, ROL, UB2
3.3.6	Change Outpatient to an Inpatient	A06	ACC, AL1, DG1, DRG, GT1, IN1, MRG, NK1, OBX, PV1, PV2, ROL, UB2
3.3.7	Change Inpatient to an Outpatient	A07	ACC, AL1, DG1, DRG, GT1, IN1, MRG, NK1, OBX, PV1, PV2, ROL, UB2
3.3.8	Update Patient Info	A08	ACC, AL1, DG1, DRG, GT1, IN1, NK1, OBX, PV1, PV2, ROL, UB2
3.3.11	Cancel Admit	A11	DG1, OBX, PV1, PV2
3.3.12	Cancel Transfer	A12	DG1, OBX, PV1, PV2
3.3.13	Cancel Discharge	A13	ACC, AL1, DG1, DRG, GT1, IN1, NK1, OBX, PV1, PV2, ROL, UB2
3.3.14	Pending Admit	A14	AL1, DG1, DRG, ROL, OBX, PV1, PV2, EVN, ZCN, EVN
3.3.17	Swap Patients	A17	OBX, PV1, PV2
3.3.31	Update Person Info	A31	GT1, IN1, NK1, ROL
3.3.38	Cancel Pre-admit	A38	DG1, DRG, OBX, PV1, PV2
3.3.44	Move Acct Info	A44	MRG, PV1, PV2, ROL

Merge Events

HL7 Section	Event Trigger Name	Event Code	Supported Message Segments
3.3.34	Merge Patient Info (Medical Record Number only)	A34	Full Complement for Active Acct, MRG Partial data for Inactive, EVN, PID, PV1, PV2, MRG, ROL, DG1

This event will be sent for each Patient Account Number that has had the Medical Record Number associated with that account changed by one of these MEDITECH Medical Records events: UNIT NUMBER EDIT, MERGE, UNMERGE, UNMERGEI, MERGEI

Note that the Patient Account Number is considered the primary identifier for this interface, so a single Medical Record MERGE event may produce more than one Merge message - One for each Account (or visit) record.

Also, depending on the setting of the interface MERGE parameter that's located in the 6.0 ADM toolbox parameters, a MERGEI or UNMERGEI event may be posted for any inactive Meditech account that has either been file maintained or purged out of ADM. Consequently, the resulting messages may not contain all data.

3.3.35	Merge Patient Info (Account Number only)	A35	Full Complement, MRG
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This event will be sent to indicate that a patient account number edit has taken place.

An A35 event is triggered by the EDACCT# event from ADM. This event is created when using the Edit Account Number routine in ADM.

3.3.40	Merge Patient	A40	Full Complement for Active Acct, MRG Partial data for Inactive, EVN, PID, PV1, PV2, MRG, ROL, DG1
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An A40 event is used to signal a merge of records for a patient that was incorrectly filed under two different identifiers.

3.3.41	Merge Account	A41	Full Complement, MRG
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An A41 event is used to signal a merge of records for an account that was incorrectly filed under two different account numbers.

An A41 event is triggered by the EDACCT# event from ADM. This event is created when using the Edit Account Number routine in ADM.

[**] The full complement of patient data segments includes:

PID, NK1, PV1, PV2, AL1, GT1, IN1, UB2, OBX, DG1, ROL

Network Communications Protocol and Data Framing

For network transfer of messages, MEDITECH supports TCP/IP socket connections over an Ethernet backbone.

MEDITECH supports the HL7 Minimal Lower Layer Protocol for framing HL7 messages.

NETWORK REQUIREMENTS

1. The non-MEDITECH network on which the OTHER VENDOR system resides must appear to MEDITECH as a physical node on the Ethernet. Logical incorporation of TCP/IP nodes into MEDITECH networks is accomplished according to guidelines set forth in MAGIC Operating System Utilities manuals, version 5.2 and later.
2. At the time communications transmissions reach the MAGIC Ethernet environment, they must be contained in packets conforming to the IEEE 802.3 Ethernet standard.

ESTABLISHING NETWORK CONNECTIONS

Whether receiving messages or sending messages, MEDITECH will act as client to the Other Vendor platform server. The MEDITECH system must be supplied with the IP address of the remote system, along with a Well Known Port number on the remote system to which the MEDITECH system can open a TCP/IP connection.

MEDITECH will open a connection to the remote system, and the connection will remain open unless the interface is turned off on the MEDITECH system, or a close is initiated by the remote system. If a close is initiated by the remote system and the MEDITECH interface is not turned off, the MEDITECH system will attempt to open a connection once every 5 minutes. Once a connection is established between the two systems, message transfer may occur.

Message transfer will be assumed to be initiated by the sender of messages, which will send an HL7 message and await to receive an HL7 Acknowledgement message.

HL7 MINIMAL PROTOCOL

The Minimal Lower Layer Protocol is described in section B.4 MINIMAL LOWER LAYER PROTOCOL of the Health Level Seven Version 2.1 specification.

With this protocol, an HL7 data message is framed with a single character to start the data message and two characters to terminate the message. No other characters are added to the HL7 message.

The format of the transmission block is this:

<SB>dddd<EB><CR>

Where:

<SB> is the Start Block character, ASCII <VT>, decimal <11>, hex <0B>.

ddd is the variable number of bytes representing the HL7 data message.

<EB> is the End Block character, ASCII <FS>, decimal <28>, hex <1C>.

<CR> is a Carriage Return Character, ASCII <CR>, decimal <13>, hex <0D>.

ACKNOWLEDGEMENT MESSAGES FOR NETWORK COMMUNICATIONS

With the HL7 Minimal Protocol, the sender of an HL7 message (such as an ADT, ORM, or ORU message) will send a message and expect to receive an acknowledgement message before sending another message. If an acknowledgement message is not received within a specified period of time, then the sender will attempt to send the message again.

If MEDITECH is the sender of messages, MEDITECH will expect an acknowledgement message that contains the MESSAGE CONTROL ID of the message originally sent by MEDITECH. MEDITECH will not process any application level error messages, nor will it process any delayed acknowledgement messages.

If MEDITECH is the receiver of messages, MEDITECH will send an ACK General Acknowledgement message which contains the MESSAGE CONTROL ID of the message received by MEDITECH. MEDITECH will not send any application level error messages or any delayed acknowledgement messages.

Record Layouts Other Vendor Ancillary System to MEDITECH Admissions

[Message ADT](#) [Segment MSA](#) [Message Acknowledgement](#)
[Message ACK](#) [Segment MSH](#) [Acknowledgment Message Header](#)

Message ADT Segment MSA Message Acknowledgement

Item	HL7 Description	Req	Type	Len	MEDITECH Description	Req	Type	Len
MSA.1	Acknowledgement Code	R	ID	2	Acknowledgement Code	R	AN	2
MSA.2	Message Control ID	R	ST	20	Message Control ID	R	ST	20

Req - R = Required, C = Conditionally Required, O = Optional, NU = Not Supported

Used by MEDITECH for network interfaces only.

The MSA segment will contain the MESSAGE CONTROL ID of the message that is being acknowledged.

Message ACK Segment MSH Acknowledgment Message Header

Item	HL7 Description	Req	Type	Len	MEDITECH Description	Req	Type	Len
MSH.1	Field Separator	R	ID	1	Field Separator	R	ID	1
MSH.2	Encoding Characters	R	N	4	Encoding Characters	R	N	4
MSH.3	Sending Application	O	AN	15	Sending Application	O	AN	15
MSH.4	Sending Facility	O	AN	10	Sending Facility	O	AN	10
MSH.5	Receiving Application	O	AN	15	Receiving Application	O	AN	15
MSH.6	Receiving Facility	O	AN	15	Receiving Facility	O	AN	15
MSH.7	Message Date & Time	R	N	12	Message Date & Time	R	N	12
MSH.9	Message Type	R	CM	13	Message Type	R	AN	13
MSH.10	Message Control ID	R	N	20	Message Control ID	R	N	20
MSH.11	Processing ID	R	N	1	Processing ID	R	N	1
MSH.12	Version ID	R	AN	10	Version ID	R	AN	10
MSH.13	Sequence Number	O	N	15	Sequence Number	O	N	15
MSH.15	Accept Acknowledgement Type	O	ID	2	Accept Acknowledgement Type	O	ID	2
MSH.16	Application Ack. Type	O	AN	2	Application Ack. Type	O	AN	2

Req - R = Required, C = Conditionally Required, O = Optional, NU = Not Supported

Used by MEDITECH for network interfaces only in conjunction with the HL7 Minimal Lower Layer Protocol.

This will be a General Acknowledgement (or ACK) message type, which will be sent by the receiving system after receipt of a message. The sending system will wait for receipt of the acknowledgement message before attempting to send another message. If no Acknowledgement Message has been received within a specified period of time, the sending system may attempt to re-send the message.

The MSA segment will contain the MESSAGE CONTROL ID of the message that is being acknowledged.

Upon receipt of an Acknowledgement Message, the sender will assume that the indicated message had been successfully transmitted. MEDITECH will not send or process any Application Error text messages.

Record Layouts MEDITECH Admissions to Other Vendor Ancillary System

Message ADT	Segment MSH	Message Header
Message ADT	Segment EVN	Event Type
Message ADT	Segment PID	Patient Identification
Message ADT	Segment NK1	Next of Kin
Message ADT	Segment PV1	Patient Visit
Message ADT	Segment PV2	Patient Visit - Additional Information
Message ADT	Segment ROL	Role
Message ADT	Segment OBX	Observation/Result
Message ADT	Segment AL1	Allergy
Message ADT	Segment DG1	Diagnosis
Message ADT	Segment DRG	Diagnosis Related Group
Message ADT	Segment GT1	Guarantor
Message ADT	Segment IN1	Insurance
Message ADT	Segment IN2	Insurance Additonal Information
Message ADT	Segment IN3	Insurance Certification Information
Message ADT	Segment UB2	UB92 Data
Message ADT	Segment ACC	Accident
Message ADT	Segment MRG	Merge Patient Information

Message ADT Segment MSH Message Header

Item	HL7 Description	Req	Type	Len	MEDITECH Description	Req	Type	Len
MSH.1	Field Separator	R	ID	1	Field Separator	R	ID	1
MSH.2	Encoding Characters	R	N	4	Encoding Characters	R	N	4
MSH.3	Sending Application	O	AN	15	Sending Application	O	AN	15
MSH.4	Sending Facility	O	AN	10	Sending Facility	O	AN	10
MSH.5	Receiving Application	O	AN	15	Receiving Application	O	AN	15
MSH.6	Receiving Facility	O	AN	15	Receiving Facility	O	AN	15
MSH.7	Message Date & Time	R	N	12	Message Date & Time	R	N	12
MSH.9	Message Type	R	CM	13	Message Type	R	AN	13
MSH.10	Message Control ID	R	N	20	Message Control ID	R	N	20
MSH.11	Processing ID	R	N	1	Processing ID	R	N	1
MSH.12	Version ID	R	AN	10	Version ID	R	AN	10
MSH.13	Sequence Number	O	N	15	Sequence Number	O	N	15
MSH.15	Accept Acknowledgement Type	O	ID	2	Accept Acknowledgement Type	O	ID	2
MSH.16	Application Ack. Type	O	AN	2	Application Ack. Type	O	AN	2

Req - R = Required, C = Conditionally Required, O = Optional, NU = Not Supported

The MSH segment defines the intent, source, destination, and some specifics of the syntax of a message.

Message ADT Segment EVN Event Type

Item	HL7 Description	Req	Type	Len	MEDITECH Description	Req	Type	Len
EVN.2	Recorded Date/Time	R	N	26	Recorded Date/Time	R	N	26
EVN.4	EVENT REASON CODE	O	IS	3	Event Reason Code	O	ST	12
EVN.5	Operator ID	O	AN	250	Operator ID	O	AN	250
EVN.6	Event Occurred	O	N	26	Event Occurred	O	N	26

Req - R = Required, C = Conditionally Required, O = Optional, NU = Not Supported

The EVN segment is used to communicate necessary trigger event information to receiving applications. Valid event types for all chapters are contained in HL7 Table 0003 - Event type.

Message ADT Segment PID Patient Identification

Item	HL7 Description	Req	Type	Len	MEDITECH Description	Req	Type	Len
PID.1	Set ID	R	SID	1	Set ID	R	N	1
PID.2	Patient Identifier	O	N	20	External Patient Identifier	O	N	20
PID.3	Patient Identifier List	R	CX	250	Patient Identifier List	R	SID	25
PID.5	Patient Name	R	AN	250	Patient Name	R	AN	250
PID.6	Mother's Maiden Name	O	AN	250	Mother's Maiden Name	O	AN	250
PID.7	Date of Birth	O	N	26	Date of Birth	O	N	26
PID.8	Administrative Sex	O	N	1	Administrative Sex	O	N	1
PID.10	Race	O	AN	250	Race	O	AN	250
PID.11	Patient Address	O	AN	250	Patient Address	O	AN	250
PID.13	Phone Number - Home	O	N	250	Phone Number - Home	O	N	250
PID.14	Phone Number - Business	O	N	250	Phone Number - Business	O	N	250
6xPID 15	Primary Language	O	CE	60	Primary Language	O	CE	60
PID.16	Marital Status	O	ID	250	Marital Status	O	ID	250
PID.17	Religion	O	ID	250	Religion	O	ID	250
PID.18	Patient Account Number	R	AN	250	Patient Account Number	R	AN	250
PID.21	Mother's Identifier	O	AN	250	Mother's Account Number	O	AN	250
PID.22	Patient Ethnicity	O	SN	20	Patient Ethnicity	O	SN	20

Req - R = Required, C = Conditionally Required, O = Optional, NU = Not Supported

The PID segment is used by all applications as the primary means of communicating patient identification information. This segment contains permanent patient identifying and demographic information that, for the most part, is not likely to change frequently.

Message ADT Segment NK1 Next of Kin

Item	HL7 Description	Req	Type	Len	MEDITECH Description	Req	Type	Len
NK1.1	Set ID	R	N	4	Set ID	R	N	4
NK1.2	Name	O	AN	250	Name	O	AN	250
NK1.3	Relationship	O	AN	250	Relationship	O	AN	250
NK1.4	Address	O	AN	250	Address	O	AN	250
NK1.5	Phone Number	O	AN	250	Phone Number	O	AN	250
NK1.6	Buisness Phone Number	O	AN	250	Buisness Phone Number	O	AN	250
NK1.7	Contact Role	R	CE	250	Contact Role	R	AN	250
NK1.10	Associated Party Job Title	O	AN	60	Associated Party Job Title	O	AN	60
NK1.13	Organization Name	O	AN	250	Organization Name	O	AN	250
NK1.34	Employee Status	O	AN	2	Employee Status	O	AN	2

Req - R = Required, C = Conditionally Required, O = Optional, NU = Not Supported

The NK1 segment contains information about the patient's next of kin/associated parties. This can be a repeating field. MEDITECH uses the next of kin field to identify the literal "next of kin", a "person to notify" and an "employer to notify". This is distinguished by the value in NK1-7.

Message ADT Segment PV1 Patient Visit

Item	HL7 Description	Req	Type	Len	MEDITECH Description	Req	Type	Len
PV1.1	Set ID	O	N	4	Set ID	R	N	4
PV1.2	Patient Status	O	SN	1	Patient Status	O	SN	1
PV1.3	Assigned Patient Location	O	AN	80	Assigned Patient Location	O	AN	80
PV1.4	Admission Type	O	AN	2	Admission Type	O	AN	2
PV1.6	Prior Patient Location	O	AN	80	Prior Patient Location	O	AN	80
PV1.7	Attending Provider	O	AN	60	Attending Provider	R	AN	60
PV1.8	Referring Provider	O	CN	60	Referring Provider	O	AN	60
PV1.9	Consulting Provider	O	CN	60	Consulting Provider	O	AN	60
PV1.10	Hospital Service	O	AN	3	Hospital Service	R	AN	3
PV1.11	Patients Temporary Location	O	CE	20	Patients Temporary Location	O	AN	20
PV1.14	Admit Source	O	IS	6	Admit Source	O	AN	6
PV1.16	VIP Indicator	O	SN	2	VIP Indicator	O	SN	2
PV1.17	Admitting Provider	O	CN	60	Admitting Provider	CR	SN	60
PV1.18	Patient Type	O	ID	2	Patient Type	R	AN	3
PV1.20	Financial Class	O	AN	11	Financial Class	CR	AN	11
PV1.36	Discharge Disposition	O	AN	10	Discharge Disposition	CR	AN	10
PV1.39	Servicing Facility	O	AN	10	Servicing Facility	R	AN	10
PV1.41	Patient Status	O	AN	3	Patient Status	R	AN	3
PV1.44	Admit Date/Time	O	AN	19	Admit/Service Date/Time	R	AN	19
PV1.45	Discharge Date/Time	O	AN	19	Discharge Date/Time	CR	AN	19
PV1.52	Family Doctor	O	AN	100	Family Doctor	O	AN	100

Req - R = Required, C = Conditionally Required, O = Optional, NU = Not Supported

The PV1 segment is used by Registration/ADT to communicate information on a visit specific basis.

Message ADT Segment PV2 Patient Visit - Additional Information

Item	HL7 Description	Req	Type	Len	MEDITECH Description	Req	Type	Len
PV2.2	Accommodation Code	O	ID	250	Accommodation Code	O	ID	250
PV2.3	Admit Reason	O	AN	50	Admit Reason	O	AN	50
PV2.4	Transfer Reason	O	CE	250	Transfer Reason	O	CE	250
PV2.9	Expected Discharge Date/Time	O	TS	26	Expected Discharge Date/Time	O	TS	26
PV2.10	ESTIMATED LENGTH OF INP STAY	O	NM	3	Estimated length of stay	O	NM	3
PV2.11	Length of Inpatient Stay	O	N	3	Length of Inpatient Stay	O	N	3
PV2.13	Referral Source Code	O	XCN	250	Referral Source Code	O	XCN	250
PV2.22	Visit Protection Indicator	O	ID	1	Visit Protection Indicator	O	ID	1
PV2.25	VISIT PRIORITY CODE	O	IS	1	Visit Priority Code	O	IS	1
PV2.26	PREVIOUS TREATMENT DATE	O	DT	8	Previous treatment date	O	DT	8
PV2.36	NEWBORN BABY INDICATOR	O	ID	1	Newborn Indicator	O	ID	1
PV2.38	Mode of Arrival Code	O	ID	250	Mode of Arrival Code	O	ID	250
PV2.42	Patient Condition Code	O	CE	250	Patient Condition Code	O	CE	250

Req - R = Required, C = Conditionally Required, O = Optional, NU = Not Supported

The PV2 segment is a continuation of information contained on the PV1 segment.

Message ADT Segment ROL Role

Item	HL7 Description	Req	Type	Len	MEDITECH Description	Req	Type	Len
ROL.1	Set ID	R	N	250	Set ID	CR	N	250
ROL.2	Action Code	R	AN	2	Action Code	R	AN	2
ROL.3	Provider Role	R	CE	250	Provider Role	R	AN	250
ROL.4	Role Person	R	ST	250	Role Person	R	AN	250

Req - R = Required, C = Conditionally Required, O = Optional, NU = Not Supported

The role segment contains the data necessary to add, update, correct, and delete from the record persons involved, as well as their functional involvement with the activity being transmitted. The ROL segment is a repeating segment.

This segment only populates in versions 2.4 or higher.

Message ADT Segment OBX Observation/Result

Item	HL7 Description	Req	Type	Len	MEDITECH Description	Req	Type	Len
OBX.1	Set ID - OBX	O	SI	4	Set ID - OBX	O	SI	4
OBX.2	Value Type	O	ID	2	Value Type	R	ID	2
OBX.3	Observation Identifier	R	CE	250	Observation Identifier	R	CE	250
OBX.5	Observation Value	O	CE	250	Observation Value	R	CE	250

Req - R = Required, C = Conditionally Required, O = Optional, NU = Not Supported

The OBX segment is used to transmit a single observation or observation fragment. It is typically used to transmit registration query data. This segment can repeat.

Message ADT Segment AL1 Allergy

Item	HL7 Description	Req	Type	Len	MEDITECH Description	Req	Type	Len
AL1.1	Set ID	R	N	250	Set ID	R	N	250
AL1.2	Allergen Type Code	O	ID	250	Allergen Type Code	O	ID	250
AL1.3	Allergen Code	R	AN	250	Allergen Code	R	AN	250
AL1.4	Allergy Severity Code	O	AN	250	Allergy Severity Code	O	AN	250
AL1.5	Allergy Reaction Code	O	AN	15	Allergy Reaction Code	O	AN	15
AL1.6	Identification Date	O	N	8	Identification Date	O	N	8

Req - R = Required, C = Conditionally Required, O = Optional, NU = Not Supported

The AL1 segment contains patient allergy information of various types. Most of this information will be derived from user-defined tables. Each AL1 segment describes a single patient allergy.

Message ADT Segment DG1 Diagnosis

Item	HL7 Description	Req	Type	Len	MEDITECH Description	Req	Type	Len
DG1.1	Set ID	R	N	4	Set ID	R	N	4
DG1.3	Diagnosis Code	O	AN	250	Diagnosis Code	O	AN	250
DG1.6	Diagnosis Type	R	AN	1	Diagnosis Type	R	AN	1
DG1.17	DIAGNOSIS CLASSIFICATION	O	IS	3	DIAGNOSIS CLASSIFICATION	O	IS	3

Req - R = Required, C = Conditionally Required, O = Optional, NU = Not Supported

The DG1 segment contains patient diagnosis information of various types, for example, admitting, primary, etc. The DG1 segment is used to send multiple diagnoses (for example, for medical records encoding).

Message ADT Segment DRG Diagnosis Related Group

Item	HL7 Description	Req	Type	Len	MEDITECH Description	Req	Type	Len
DRG.1	Diagnostic Related Group	O	AN	250	Diagnostic Related Group	O	AN	250

Req - R = Required, C = Conditionally Required, O = Optional, NU = Not Supported

The DRG segment contains diagnoses-related grouping information of various types. The DRG segment is used to send the DRG information, for example, for billing and medical records encoding.

This segment only populates in versions 2.3 or higher.

Message ADT Segment GT1 Guarantor

Item	HL7 Description	Req	Type	Len	MEDITECH Description	Req	Type	Len
GT1.1	Set ID	R	N	4	Set ID	R	N	4
GT1.3	Guarantor Name	O	AN	250	Guarantor Name	O	AN	250
GT1.5	Guarantor Address	O	AN	250	Guarantor Address	O	AN	250
GT1.6	Guarantor Ph Num - Home	O	N	250	Guarantor Ph Num - Home	O	N	250
GT1.11	Guarantor Relationship	O	AN	250	Guarantor Relationship	O	AN	250
GT1.12	Guarantor SSN	O	N	11	Guarantor SSN	O	N	11
GT1.16	Guarantor Employer MNEMONIC	O	XPN	250	Guarantor Employer MNEMONIC	O	XPN	250
GT1.17	Guarantor Employer Address	O	AN	250	Guarantor Employer Address	O	AN	250
GT1.18	Guarantor Employer Ph Num	O	N	250	Guarantor Employer Ph Num	O	N	250

Req - R = Required, C = Conditionally Required, O = Optional, NU = Not Supported

The GT1 segment contains guarantor (e.g., the person or the organization with financial responsibility for payment of a patient account) data for patient and insurance billing applications.

Message ADT Segment IN1 Insurance

Item	HL7 Description	Req	Type	Len	MEDITECH Description	Req	Type	Len
IN1.1	Set ID	R	N	4	Set ID	R	N	4
IN1.2	Insurance Plan ID	R	AN	250	Insurance Plan ID	R	AN	250
IN1.4	Insurance Company Name	O	AN	250	Insurance Company Name	O	AN	250
IN1.5	Insurance Company Address	O	AN	250	Insurance Company Address	O	AN	250
IN1.7	Insurance Co Phone Number	O	N	250	Insurance Co Phone Number	O	N	250
IN1.8	Group Number	O	N	12	Group Number	O	N	12
IN1.9	Group Name	O	N	30	Group Name	O	N	30
IN1.11	Insured's Group Employer Name	O	AN	10	Insured's Group Employer Name	O	AN	10
IN1.12	Plan Effective Date	O	N	8	Plan Effective Date	O	N	8
IN1.13	Plan Expiration Date	O	N	8	Plan Expiration Date	O	N	8
IN1.14	Insurance Authorization Number	O	AN	30	Insurance Authorization Number	O	AN	30
IN1.16	Name of Insured	O	AN	250	Name of Insured (Subscriber)	O	AN	250
IN1.17	INSURED'S RELATIONSHIP TO PAT	O	CE	250	INSURED'S RELATIONSHIP TO PAT	O	CE	250
IN1.18	Insured's Date of Birth	O	TS	26	Insured's Date of Birth	O	TS	26
IN1.19	Insured's Address	O	XAD	250	Insured's Address	O	XAD	250
IN1.29	Verification Date & Time	O	N	8	Verification Date	CR	N	8
IN1.30	Verification By	O	AN	10	Verification By	CR	AN	10
IN1.36	Policy Number	O	AN	30	Policy Number	O	AN	30
IN1.42	Insured's Employment Status	O	AN	40	Insured's Employment Status	O	AN	40
IN1.43	Insured's Sex	O	IS	1	Insured's Sex	O	IS	1
IN1.45	Verification Status	O	ST	2	Verification Status	O	ST	2

Req - R = Required, C = Conditionally Required, O = Optional, NU = Not Supported

The IN1 segment contains insurance policy coverage information necessary to produce properly pro-rated patient and insurance bills.

Message ADT Segment IN2 Insurance Additional Information

Item	HL7 Description	Req	Type	Len	MEDITECH Description	Req	Type	Len
IN2.1	Insured's Employer ID	O	N	1	Insurance Set ID	O	N	1
IN2.2	Insured's Social Security Numb	O	N	11	Insured's Social Security Numb	O	N	11
IN2.33	Citizenship	O	ID	1	Insured's Citizenship	O	ID	1
IN2.42	Ethnic Group	O	AN	250	Insured's Race	O	AN	250
IN2.43	Marital Status	O	AN	10	Insured's Marital Status	O	AN	10
IN2.63	Insured's Telephone Number	O	N	18	Insured's Telephone Number	O	N	18

Req - R = Required, C = Conditionally Required, O = Optional, NU = Not Supported

Per HL7, the IN2 segment contains additional insurance policy coverage and benefit information necessary for proper billing and reimbursement. Fields used by this segment are defined by HCFA or other regulatory agencies.

Message ADT Segment IN3 Insurance Certification Information

Item	HL7 Description	Req	Type	Len	MEDITECH Description	Req	Type	Len
IN3.1	Set ID - IN3	R	SI	4	Set ID - IN3	R	SI	4
IN3.2	Certification Number	O	CX	250	Certification Number	O	CX	250
IN3.6	Certification Date/Time	O	TS	26	Certification Date/Time	O	TS	26
IN3.9	Certification Begin Date	O	DT	8	Certification Begin Date	O	DT	8
IN3.10	Certification End Date	O	DT	8	Certification End Date	O	DT	8

Req - R = Required, C = Conditionally Required, O = Optional, NU = Not Supported

The IN3 segment contains additional insurance information for certifying the need for patient care.

Message ADT Segment UB2 UB92 Data

Item	HL7 Description	Req	Type	Len	MEDITECH Description	Req	Type	Len
UB2.1	Set ID - UB2	O	SI	4	Set ID - UB2	O	SI	4
UB2.3	Condition Code (24-30)	O	IS	2	Condition Code (24-30)	O	IS	2
UB2.7	Occurrence Code & Date (32-35)	O	CM	11	Occurrence Code & Date (32-35)	O	CM	11

Req - R = Required, C = Conditionally Required, O = Optional, NU = Not Supported

The UB2 segment contains data necessary to complete UB92 bills.

Message ADT Segment ACC Accident

Item	HL7 Description	Req	Type	Len	MEDITECH Description	Req	Type	Len
ACC.1	Accident Date/Time	O	N	8	Accident Date/Time	O	N	8
ACC.2	Accident Code	O	AN	250	Accident Code	O	AN	250
ACC.3	Accident Location	O	AN	25	Accident Location	O	AN	25

Req - R = Required, C = Conditionally Required, O = Optional, NU = Not Supported

This segment is only sent for NON-US Hospitals.

The ACC segment contains patient information relative to an accident the patient has been involved in.

Message ADT Segment MRG Merge Patient Information

Item	HL7 Description	Req	Type	Len	MEDITECH Description	Req	Type	Len
MRG.1	Prior Patient Identifier List	R	CX	250	Prior Patient Identifier List	R	CX	250
MRG.3	Prior Patient Account Number	R	CX	250	Prior Patient Account Number	R	CX	250

Req - R = Required, C = Conditionally Required, O = Optional, NU = Not Supported

The Merge segment will be transmitted to identify patient Account Number edits and Medical Record Number merges. The MRG segment contains the old Account Number of the patient in field 3 for Account Number edits and the old Unit Number in field 1 for unit number merges.

Appendix

Field Definitions

NOTE	HL7/MT	DESCRIPTION	LENGTH	TYPE
6xPID 15	HL7	Primary Language	60	CE
	MT	Primary Language	60	CE

HL7 standard description

This field contains the patient's primary language. HL7 recommends using ISO table 639 as the suggested values in user-defined table 0296 - Language.

MEDITECH description

Patient's Primary Language.

MEDITECH will send the mnemonic that is built within the MIS Language dictionary.

MEDITECH element/value

@HimRec.Language

Used in Message Segment: [ADT_PID](#)

ACC.1	HL7	Accident Date/Time	8	TS
	MT	Accident Date/Time	8	N

MEDITECH description

This field contains the date/time of the accident. Format: YYYYMMDDHHMM

MEDITECH element/value

@t.ADM.PAT.occure.date is concatenated with @t.ADM.PAT.occure.time

Used in Message Segment: [ADT_ACC](#)

ACC.2	HL7	Accident Code	250	CE
	MT	Accident Code	250	AN

MEDITECH description

Occurance mnemonic as listed in the MIS Occurance Dictionary.

MEDITECH element/value

@t.ADM.PAT.occure.type

Used in Message Segment: [ADT ACC](#)

ACC.3	HL7	Accident Location	25	ST
	MT	Accident Location	25	AN

MEDITECH description

This field contains the location of the accident.

MEDITECH element/value

@accident.place

Used in Message Segment: [ADT ACC](#)

AL1.1	HL7	Set ID	250	CE
	MT	Set ID	250	N

MEDITECH description

This field contains the number that identifies this transaction. For the first occurrence of the segment, the sequence number shall be one, for the second occurrence, the sequence number shall be two, etc.

If the HL7 Version < 2.4, the Set ID is in field 1, otherwise it is in Component 1

Used in Message Segment: [ADT AL1](#)

AL1.2	HL7	Allergen Type Code	250	CE
	MT	Allergen Type Code	250	ID

MEDITECH description

This field indicates a general allergy category. Possible MEDITECH values:

- DA - Drug Allergy (Drug category in Allergen Dictionary)
- FA - Food Allergy (Food category in Allergen Dictionary)
- EA - Environment (Environment category in Allergen Dictionary)
- MA - Miscellaneous Allergy (Any other category in Allergen Dictionary)

*If allergies are uncoded, AL1|2 will be blank.

MEDITECH element/value

@MIS.ALLERGY.category

Used in Message Segment: [ADT AL1](#)

AL1.3	HL7	Allergen Code	250	CE
	MT	Allergen Code	250	AN

MEDITECH description

This field uniquely identifies a particular allergen.

Format:

Component 1: Allergen Mnemonic
Component 2: Description
Component 3: Module

Note: If allergies are uncoded, AL1|3 will only be populated with the Identifier.

MEDITECH element/value

Component 1: @MRI.ALLERGY.allergy
Component 2: @MIS.ALLERGY.name

Used in Message Segment: [ADT AL1](#)

AL1.4	HL7	Allergy Severity Code	250	CE
	MT	Allergy Severity Code	250	AN

MEDITECH description

Allergy Severity Code.

Possible Values:

MI - Mild
MO - Intermediate/Moderate
SV - Severe
U - Unknown

MEDITECH element/value

@MRI.ALLERGY.severity
@MRI.ALLERGY.useverity

Used in Message Segment: [ADT AL1](#)

AL1.5	HL7	Allergy Reaction Code	15	ST
	MT	Allergy Reaction Code	15	AN

MEDITECH description

Allergy reaction mnemonic as seen in the Allergy reaction dictionary within MRI.

MEDITECH element/value

@MRI.ALLERGY.pt.reaction
@MRI.ALLERGY.upt.reaction

Used in Message Segment: [ADT AL1](#)

AL1.6	HL7	Identification Date	8	NA
	MT	Identification Date	8	N

MEDITECH description

This field contains the date that the allergy was identified.

MEDITECH element/value

@MRI.ALLERGY.date
@MRI.ALLERGY.update

Used in Message Segment: [ADT AL1](#)

DG1.1	HL7	Set ID	4	SI
	MT	Set ID	4	N

MEDITECH description

Sequence number

MEDITECH element/value

dx.seq.no

Used in Message Segment: [ADT DG1](#)

DG1.17	HL7	DIAGNOSIS CLASSIFICATION	3	IS
	MT	DIAGNOSIS CLASSIFICATION	3	IS

MEDITECH description

A = Admit
F = Final
V = Visit

Used in Message Segment: [ADT DG1](#)

DG1.3	HL7	Diagnosis Code	250	CE
	MT	Diagnosis Code	250	AN

MEDITECH description

Component 1 - Identifier
Component 2 - Text

Component 3 - ICD Code version

MEDITECH element/value

Component 1 - @dx.code
Component 2 - @MIS.DIAG.description[@dx.code]
Component 3 - Hardcoded ICD code (e.g. "I9")

Used in Message Segment: [ADT_DG1](#)

DG1.6	HL7	Diagnosis Type	1	IS
	MT	Diagnosis Type	1	AN

MEDITECH description

Values will be:

W - Working

OR

F - Final

MEDITECH element/value

"Other"

Used in Message Segment: [ADT_DG1](#)

DRG.1	HL7	Diagnostic Related Group	250	CE
	MT	Diagnostic Related Group	250	AN

MEDITECH description

This field contains diagnoses-related grouping information for the transaction. This can be a multi-component field that would be formatted as follows:

Component 1: Group ID
Component 2: Group Text
Component 3: Name of Coding System

Used in Message Segment: [ADT_DRG](#)

EVN.2	HL7	Recorded Date/Time	26	TS
	MT	Recorded Date/Time	26	N

MEDITECH description

This field will contain the date and time when the transaction was entered. Date and time will be populated in the following format:

YYYYMMDDHHMM

Used in Message Segment: [ADT_EVN](#)

EVN.4	HL7	EVENT REASON CODE	3	IS
	MT	Event Reason Code	12	ST

MEDITECH description

The internal event code is sent in the 6x platform only as of FOC REG 4547 and CS ADM 9152.

Used in Message Segment: [ADT_EVN](#)

EVN.5	HL7	Operator ID	250	CN
	MT	Operator ID	250	AN

MEDITECH description

This field identifies the individual responsible for triggering the event.

Component 1: Mnemonic

Used in Message Segment: [ADT_EVN](#)

EVN.6	HL7	Event Occurred	26	TS
	MT	Event Occurred	26	N

MEDITECH description

This field contains the date/time that the event actually occurred. For example, on a transfer (A02 transfer a patient), this field would contain the date/time the patient was actually transferred. On a cancellation event, this field should contain the date/time that the event being cancelled occurred.

The date and time will be populated in the following format:
YYYYMMDDHHMM

Used in Message Segment: [ADT_EVN](#)

GT1.1	HL7	Set ID	4	SI
	MT	Set ID	4	N

MEDITECH description

This field contains the number that identifies this transaction. For the first occurrence of the segment, the sequence number shall be 1, for the second occurrence, the sequence number shall be 2, etc.

Used in Message Segment: [ADT_GT1](#)

GT1.11	HL7	Guarantor Relationship	250	CE
	MT	Guarantor Relationship	250	AN

MEDITECH description

This field indicates the relationship of the guarantor with the patient, e.g., parent, child, etc.

Used in Message Segment: [ADT GT1](#)

GT1.12	HL7	Guarantor SSN	11	ST
	MT	Guarantor SSN	11	N

MEDITECH description

This field contains the guarantor's social security number.

Used in Message Segment: [ADT GT1](#)

GT1.16	HL7	Guarantor Employer MNEMONIC	250	XPN
	MT	Guarantor Employer MNEMONIC	250	XPN

HL7 standard description

This field contains the name of the guarantor's employer.

MEDITECH description

Mnemonic of the guarantor's employer.

Possible values for the guarantor's employer are defined in the Employer dictionary in MIS.

MEDITECH element/value

Piece 1 - @guar.employer, /FOC[/FOC.P["GuarantorEmployer"],"V",0,1]

Used in Message Segment: [ADT GT1](#)

GT1.17	HL7	Guarantor Employer Address	250	AD
	MT	Guarantor Employer Address	250	AN

MEDITECH description

This field contains the guarantor's employer's address. This field will contain the follow components:

- Component 1 - Street Address 1
- Component 2 - Street Address 2
- Component 3 - City
- Component 4 - State
- Component 5 - Zip Code

Used in Message Segment: [ADT GT1](#)

GT1.18	HL7	Guarantor Employer Ph Num	250	TN
	MT	Guarantor Employer Ph Num	250	N

MEDITECH description

This field contains the guarantor's employer's phone number.

Used in Message Segment: [ADT_GT1](#)

GT1.3	HL7	Guarantor Name	250	PN
	MT	Guarantor Name	250	AN

MEDITECH description

This field contains the name of the guarantor. This field is a 6 component field which is formatted as follows:

Component 1: Last Name
Component 2: First Name
Component 3: Middle Initial
Component 4: Suffix
Component 5: Title
Component 6: Degree

Used in Message Segment: [ADT_GT1](#)

GT1.5	HL7	Guarantor Address	250	AD
	MT	Guarantor Address	250	AN

MEDITECH description

This field contains the guarantor's address and is comprised of the following 5 components:

Component 1: Street
Component 2: Street (Secondary, i.e. APT)
Component 3: City
Component 4: State
Component 5: Zip Code

Used in Message Segment: [ADT_GT1](#)

GT1.6	HL7	Guarantor Ph Num - Home	250	TN
	MT	Guarantor Ph Num - Home	250	N

MEDITECH description

This field contains the guarantor's home phone number. All personal phone numbers for the guarantor may be populated in this field. The primary phone number is assumed to be in the first repetition.

Used in Message Segment: [ADT_GT1](#)

IN1.1	HL7	Set ID	4	SI
	MT	Set ID	4	N

MEDITECH description

This field contains the number that identifies this transaction. For the first occurrence the sequence number shall be 1, for the second occurrence it shall be 2, etc.

Used in Message Segment: [ADT_IN1](#)

IN1.11	HL7	Insured's Group Employer Name	250	ST
	MT	Insured's Group Employer Name	10	AN

MEDITECH description

The mnemonic of the insured's group employer name as defined in the MIS Employer Dictionary.

MEDITECH element/value

ADM.PAT.ins.emp.name

Used in Message Segment: [ADT_IN1](#)

IN1.13	HL7	Plan Expiration Date	8	DT
	MT	Plan Expiration Date	8	N

MEDITECH description

The date the patient's insurance plan expires. This date will be in the format YYYYMMDD.

MEDITECH element/value

ADM.PAT.insurance.exp.date

Used in Message Segment: [ADT_IN1](#)

IN1.14	HL7	Insurance Authorization Number	250	ST
	MT	Insurance Authorization Number	30	AN

MEDITECH description

This field will contain the patients insurance authorization number if entered upon registration.

MEDITECH element/value

ARM.AUTH.ins.auth.number

Used in Message Segment: [ADT IN1](#)

IN1.16	HL7	Name of Insured	250	ST
	MT	Name of Insured (Subscriber)	250	AN

MEDITECH description

This field contains name of the insured person, or the subscriber name, as defined during patient registration. This is a two component field which is formatted as follows:

Component 1: Last Name
Component 2: First Name
Component 3: Middle Name
Component 4: Surname
Component 5: Title
Component 6: Degree

MEDITECH element/value

ADM.PAT.insured.name

Used in Message Segment: [ADT IN1](#)

IN1.17	HL7	INSURED'S RELATIONSHIP TO PAT	250	CE
	MT	INSURED'S RELATIONSHIP TO PAT	250	CE

HL7 standard description

This field indicates the insured's relationship to the patient. Refer to User-defined Table 0063 - Relationship for suggested values.

MEDITECH description

Piece 1 - Relationship Code

MEDITECH element/value

Piece 1 - @insured.relationship, /FOC[/FOC.P["InsurancePolicy",INS],"V",4,1]

Used in Message Segment: [ADT IN1](#)

IN1.18	HL7	Insured's Date of Birth	26	TS
	MT	Insured's Date of Birth	26	TS

HL7 standard description

This field contains the date of birth of the insured.

Used in Message Segment: [ADT IN1](#)

IN1.19	HL7	Insured's Address	250	XAD
	MT	Insured's Address	250	XAD

HL7 standard description

Definition: This field contains the address of the insured person. The insured is the person who has an agreement with the insurance company to provide healthcare services to persons covered by an insurance policy. Multiple addresses for the same insured person may be in this field. The mailing address must be sent in the first repetition. When the legal name is not sent, a repeat delimiter must be sent first for the first repetition.

Used in Message Segment: [ADT_IN1](#)

IN1.2	HL7	Insurance Plan ID	250	CE
	MT	Insurance Plan ID	250	AN

MEDITECH description

This field contains a unique identifier for the insurance plan. Insurance plans (ie Insurance companies) are defined with in the Insurance dictionary in MIS.

Used in Message Segment: [ADT_IN1](#)

IN1.29	HL7	Verification Date & Time	26	TS
	MT	Verification Date	8	N

MEDITECH description

The date that the healthcare provider verified the patient's insurance. If the "Eligibility Status" of the insurance is entered then the date will be required.

MEDITECH element/value

ADM.PAT.ins.elig.status.date

Used in Message Segment: [ADT_IN1](#)

IN1.30	HL7	Verification By	250	CE
	MT	Verification By	10	AN

MEDITECH description

The mnemonic of the user who verified the benefits. this is a valid user from the MIS Person Dictionary.

Used in Message Segment: [ADT_IN1](#)

IN1.36	HL7	Policy Number	15	ST
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MT Policy Number 30 AN

MEDITECH description

Unique policy number of the insured.

MEDITECH element/value

ADM.PAT.insured.policy.number

Used in Message Segment: [ADT_IN1](#)

IN1.4	HL7	Insurance Company Name	250	CN
	MT	Insurance Company Name	250	AN

MEDITECH description

This field contains the name of the insurance company. Insurance company name is defined in the Insurance dictionary in MIS.

Used in Message Segment: [ADT_IN1](#)

IN1.42	HL7	Insured's Employment Status	60	CE
	MT	Insured's Employment Status	40	AN

MEDITECH description

The insured's employment status. This is a valid entry from the MIS Employment Status Dictionary. This field is comprised of the following components:

- Component 1: Mnemonic of Employment Status
- Component 2: Name of Employment Status

MEDITECH element/value

ADM.PAT.ins.emp.status

Used in Message Segment: [ADT_IN1](#)

IN1.43	HL7	Insured's Sex	1	IS
	MT	Insured's Sex	1	IS

HL7 standard description

Definition: This field contains the gender of the insured. Refer to User-defined Table 0001 - Administrative sex for suggested values.

Used in Message Segment: [ADT_IN1](#)

IN1.45	HL7	Verification Status	2	ST
	MT	Verification Status	2	ST

HL7 standard description

This field contains the status of this patient's relationship with this insurance carrier.

MEDITECH description

Verification status.

MEDITECH element/value

@ins.elig.status

Used in Message Segment: [ADT_IN1](#)

IN1.5	HL7	Insurance Company Address	250	AD
	MT	Insurance Company Address	250	AN

MEDITECH description

This field contains the address of the insurance company. This field consists of the following components:

Component 1 - Street Address 1
Component 2 - Street Address 2
Component 3 - City
Component 4 - State
Component 5 - Zip Code

Used in Message Segment: [ADT_IN1](#)

IN1.7	HL7	Insurance Co Phone Number	250	TN
	MT	Insurance Co Phone Number	250	N

MEDITECH description

This field contains the phone number of the insurance company. Insurance company phone number is defined in the Insurance dictionary in MIS.

Used in Message Segment: [ADT_IN1](#)

IN1.8	HL7	Group Number	12	ST
	MT	Group Number	12	N

MEDITECH description

This field contains the group number of the insured's insurance.

MEDITECH element/value

ADM.PAT.insured.group.number

Used in Message Segment: [ADT IN1](#)

IN1.9	HL7	Group Name	250	ST
	MT	Group Name	30	N

MEDITECH description

This field contains the group name of the patient's insurance. Possible values populate from the MIS Employer Dictionary.

MEDITECH element/value

ADM.PAT.insured.group.name

Used in Message Segment: [ADT IN1](#)

IN2.1	HL7	Insured's Employer ID	15	ST
	MT	Insurance Set ID	1	N

MEDITECH description

This field contains the number that identifies this transaction. For the first occurrence of the segment, the sequence number shall be one, for the second occurrence, the sequence number shall be two, etc.

Used in Message Segment: [ADT IN2](#)

IN2.2	HL7	Insured's Social Security Numb	11	ST
	MT	Insured's Social Security Numb	11	N

MEDITECH description

Social Security Number of the subscriber.

Used in Message Segment: [ADT IN2](#)

IN2.33	HL7	Citizenship	250	ST
	MT	Insured's Citizenship	1	ID

MEDITECH description

A Yes or No flag indicating whether or not the insured is a citizen of the U.S.

MEDITECH element/value

ADM.PAT.sub.us.citizen

Used in Message Segment: [ADT IN2](#)

IN2.42	HL7	Ethnic Group	250	ST
	MT	Insured's Race	250	AN

MEDITECH description

The mnemonic of the insured's race as formatted in the MIS Race Dictionary.

MEDITECH element/value

ADM.PAT.sub.race

Used in Message Segment: [ADT_IN2](#)

IN2.43	HL7	Marital Status	250	ST
	MT	Insured's Marital Status	10	AN

MEDITECH description

Marital Status of the insured. This field will populate with a valid mnemonic from the MIS Marital Status dictionary.

MEDITECH element/value

ADM.PAT.sub.marital.status

Used in Message Segment: [ADT_IN2](#)

IN2.63	HL7	Insured's Telephone Number	30	TN
	MT	Insured's Telephone Number	18	N

MEDITECH description

The phone number of the insured.

MEDITECH element/value

ADM.PAT.sub.phone

Used in Message Segment: [ADT_IN2](#)

IN3.1	HL7	Set ID - IN3	4	SI
	MT	Set ID - IN3	4	SI

HL7 standard description

This field contains the number that identifies this transaction. For the first occurrence of the segment the sequence number shall be 1, for the second occurrence it shall be 2, etc.

Used in Message Segment: [ADT_IN3](#)

IN3.10	HL7	Certification End Date	8	DT
	MT	Certification End Date	8	DT

HL7 standard description

This field contains date that this certification ends.

MEDITECH element/value

ADM.PAT.ins.authm.exp.date

Used in Message Segment: [ADT_IN3](#)

IN3.2	HL7	Certification Number	250	CX
	MT	Certification Number	250	CX

HL7 standard description

This field contains the number assigned by the certification agency.

MEDITECH element/value

ADM.PAT.ins.authm.number

Used in Message Segment: [ADT_IN3](#)

IN3.6	HL7	Certification Date/Time	26	TS
	MT	Certification Date/Time	26	TS

HL7 standard description

This field contains the date and time stamp that indicates when insurance was certified to exist for the patient.

MEDITECH element/value

ADM.PAT.ins.authm.status.date

Used in Message Segment: [ADT_IN3](#)

IN3.9	HL7	Certification Begin Date	8	DT
	MT	Certification Begin Date	8	DT

HL7 standard description

This field contains the date that this certification begins.

MEDITECH element/value

ADM.PAT.ins.authm.eff.date

Used in Message Segment: [ADT IN3](#)

INI.12	HL7	Plan Effective Date	8	DT
	MT	Plan Effective Date	8	N

MEDITECH description

The date that the patient's insurance plan is effective. This will be formatted as YYYYMMDD

MEDITECH element/value

ADM.PAT.insurance.eff.date

Used in Message Segment: [ADT IN1](#)

MRG.1	HL7	Prior Patient Identifier List	250	CX
	MT	Prior Patient Identifier List	250	CX

HL7 standard description

This field contains the prior patient identifier list. This field contains a list of potential "old" numbers to match. Only one old number can be merged with one new number in a transaction. Refer to HL7 Table 0061 - Check digit scheme for valid values. The assigning authority and identifier type code are strongly recommended for all CX data types.

MEDITECH description

Prior patient Identifier

MEDITECH element/value

@event.old.val, @nmi.queue.mri.old.unit

Used in Message Segment: [ADT MRG](#)

MRG.3	HL7	Prior Patient Account Number	250	CX
	MT	Prior Patient Account Number	250	CX

HL7 standard description

This field contains the prior patient account number.

MEDITECH description

Prior patient account number.

MEDITECH element/value

@event.old.val

Used in Message Segment: [ADT MRG](#)

MSA.1	HL7	Acknowledgement Code	2	ID
	MT	Acknowledgement Code	2	AN

HL7 standard description

This field contains an acknowledgment code, see message processing rules.

MEDITECH description

Transmits a code that represents the application acceptance or rejection.

MEDITECH element/value

MEDITECH element/value:

AA (Application Accept)
AR (Application Error)

Used in Message Segment: [ADT MSA](#)

MSA.2	HL7	Message Control ID	20	ST
	MT	Message Control ID	20	ST

HL7 standard description

This field contains the message control ID of the message sent by the sending system. It allows the sending system to associate this response with the message for which it is intended.

MEDITECH description

The MESSAGE CONTROL ID of the message which is being acknowledged. This must be returned by the Receiving System to the Sending System in order to match an acknowledgement message with the message being acknowledged.

MEDITECH element/value

238265

Used in Message Segment: [ADT MSA](#)

MSH.1	HL7	Field Separator	1	ST
	MT	Field Separator	1	ID

MEDITECH description

This field contains the HL7 field separator "|" and is located between the

segment ID "MSH" and the MSH|2 field. This dictates that "|" will act as the field separator for the rest of the HL7 message.

Used in Message Segments: [ACK MSH](#), [ADT MSH](#)

MSH.10	HL7	Message Control ID	20	NM
	MT	Message Control ID	20	N

MEDITECH description

This field contains a unique numerical identifier for each HL7 message. In order to successfully interface with an external system, the receiving system must echo this identifier back in the acknowledgement message.

Used in Message Segments: [ACK MSH](#), [ADT MSH](#)

MSH.11	HL7	Processing ID	1	PT
	MT	Processing ID	1	N

MEDITECH description

Possible Values: P or D

Used in Message Segments: [ACK MSH](#), [ADT MSH](#)

MSH.12	HL7	Version ID	10	AN
	MT	Version ID	10	AN

MEDITECH description

HL7 version

Used in Message Segments: [ACK MSH](#), [ADT MSH](#)

MSH.13	HL7	Sequence Number	15	NM
	MT	Sequence Number	15	N

Used in Message Segments: [ACK MSH](#), [ADT MSH](#)

MSH.15	HL7	Accept Acknowledgement Type	2	ID
	MT	Accept Acknowledgement Type	2	ID

MEDITECH description

Accept Acknowledgement Type: This value will always be populated with "AL".

Used in Message Segments: [ACK MSH](#), [ADT MSH](#)

MSH.16	HL7	Application Ack. Type	2	ID
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MEDITECH description

This field defines the receiving application as defined in the MEDITECH internal parameters. If you would like this value modified please contact your Interoperability Specialist.

MEDITECH element/value

MIS.X0.MSG.GEN.xo.receiving.application

Used in Message Segments: [ACK MSH](#), [ADT MSH](#)

MSH.6	HL7	Receiving Facility	180	AN
	MT	Receiving Facility	15	AN

MEDITECH description

This field identifies the receiving application as defined in the MEDITECH internal parameters. If this value needs to be modified please contact your Interoperability Specialist.

Used in Message Segments: [ACK MSH](#), [ADT MSH](#)

MSH.7	HL7	Message Date & Time	26	DR
	MT	Message Date & Time	12	N

MEDITECH description

The date and time that the HL7 message was created in the following format:

YYYYMMDDTTTT

Used in Message Segments: [ACK MSH](#), [ADT MSH](#)

MSH.9	HL7	Message Type	13	CM
	MT	Message Type	13	AN

MEDITECH description

This field contains the message type and trigger event for the message in the following format:

Message Type^Trigger Event^Message Structure

MSH|9.1 - Contains the Message Type

MSH|9.2 - Contains the Event Trigger

MSH|9.3 - Contains the Message Structure template

Used in Message Segments: [ACK MSH](#), [ADT MSH](#)

NK1.1	HL7	Set ID	4	SI
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MT Set ID 4 N

MEDITECH description

Sequence number

MEDITECH element/value

SET.ID

Used in Message Segment: [ADT_NK1](#)

NK1.10	HL7	Associated Party Job Title	60	ST
	MT	Associated Party Job Title	60	AN

MEDITECH description

Next of kin/associated parties job title.

MEDITECH element/value

@occupation, /FOC[/FOC.P["Employer"],"V",10,1]

Used in Message Segment: [ADT_NK1](#)

NK1.13	HL7	Organization Name	250	ST
	MT	Organization Name	250	AN

MEDITECH description

This field contains the name of the organization that serves as a next of kin/associated party or as the next of kin of the patient.

MEDITECH element/value

Employer
@employer's.name

Used in Message Segment: [ADT_NK1](#)

NK1.2	HL7	Name	250	PN
	MT	Name	250	AN

MEDITECH description

Next of Kin Name will be formatted as follows:

- Component 1 - Family Name
- Component 2 - Given Name
- Component 3 - Second Name or Initials
- Component 4 - Suffix
- Component 5 - Title

Component 6 - Degree

MEDITECH element/value

@nok.name or @notify.name or @employer

Next of Kin fields

Piece 1 - LA - /FOC[/FOC.P["PTN"],"V",0,1]

Piece 2 - FI - /FOC[/FOC.P["PTN"],"V",1,1]

Piece 3 - MI - /FOC[/FOC.P["PTN"],"V",2,1]

Piece 4 - SU

Piece 5 - TI

Piece 6 - DE

Used in Message Segment: [ADT NK1](#)

NK1.3	HL7	Relationship	250	CE
	MT	Relationship	250	AN

MEDITECH description

Next of Kin relationship. This will be the Next of Kin's relationship to the patient. Possible relationship values are defined within the Relationship dictionary in MIS.

Component 1 - Identifier

Component 2 - Name

MEDITECH element/value

Component 1 - @nok.relationship or
@notify.relationship
/FOC[/FOC.P["NOK"],"V",15,1] or /FOC[/FOC.P["PTN"],"V",15,1]

Component 2 - @nok.relationship's.name
@notify.relationship's.name

Used in Message Segment: [ADT NK1](#)

NK1.34	HL7	Employee Status	2	CE
	MT	Employee Status	2	AN

MEDITECH description

This field identifies the next of kin or associated party's job status.

Available values:

P Permanent

T Temporary

O Other

U Unknown

MEDITECH element/value

@ADM.PAT.emp.status, /FOC[/FOC.P["Employer"],"V",11,1]

Used in Message Segment: [ADT_NK1](#)

NK1.4	HL7	Address	250	AD
	MT	Address	250	AN

MEDITECH description

Next of Kin mailing address. This field is comprised of the following components:

- Component 1 - Street Address
- Component 2: Street (Secondary, i.e. APT)
- Component 3: City
- Component 4: State
- Component 5: Zip Code

MEDITECH element/value

Next of Kin Address

Component 1: @nok.street or
@notify.street or
@emp.street
/FOC[/FOC.P["Employer"],"V",1,1] or /FOC[/FOC.P["NOK"],"V",3,1] or
/FOC[/FOC.P["PTN"],"V",3,1]

Component 2: @nok.street2 or
@notify.street2 or
@emp.street2
/FOC[/FOC.P["Employer"],"V",2,1] or /FOC[/FOC.P["NOK"],"V",4,1] or
/FOC[/FOC.P["PTN"],"V",4,1]

Component 3: @nok.city or
@notify.city or
@emp.city
/FOC[/FOC.P["Employer"],"V",3,1] or /FOC[/FOC.P["NOK"],"V",5,1] or
/FOC[/FOC.P["PTN"],"V",5,1]

Component 4: @nok.state or
@notify.state or
@emp.state
/FOC[/FOC.P["Employer"],"V",4,1] or /FOC[/FOC.P["NOK"],"V",6,1] or
/FOC[/FOC.P["PTN"],"V",6,1]

Component 5: @nok.zip or
@notify.zip
@emp.zip
/FOC[/FOC.P["Employer"],"V",5,1] or /FOC[/FOC.P["NOK"],"V",7,1] or
/FOC[/FOC.P["PTN"],"V",7,1]

Used in Message Segment: [ADT_NK1](#)

NK1.5	HL7	Phone Number	250	TN
	MT	Phone Number	250	AN

MEDITECH description

This field contains the telephone number of the next of kin/associated party.

Component 1: Patient home phone number

MEDITECH element/value

Next of Kin

Piece 1 - @nok.home.phone or

@notify.home.phone

/FOC[/FOC.P["PTN"],"V",10,1] or /FOC[/FOC.P["NOK"],"V",10,1]

Used in Message Segment: [ADT NK1](#)

NK1.6	HL7	Buisness Phone Number	250	TN
	MT	Buisness Phone Number	250	AN

MEDITECH description

This field contains the business telephone number of the next of kin/associated party.

Component 1: Patient home phone number

MEDITECH element/value

Next of Kin

Component 1 - @nok.work.phone or

@notify.work.phone or

@emp.phone

/FOC[/FOC.P["PTN"],"V",11,1] or /FOC[/FOC.P["NOK"],"V",11,1] or

/FOC[/FOC.P["Employer"],"V",7,1]

Used in Message Segment: [ADT NK1](#)

NK1.7	HL7	Contact Role	250	CE
	MT	Contact Role	250	AN

HL7 standard description

This field indicates the specific relationship role (next of kin, employer, emergency contact, etc.). Refer to User-defined Table 0131 - Contact role for suggested values. This field specifies the role that the next of kin/associated parties plays with regard to the patient. Examples might include an employer, emergency contact, next of kin, insurance company, state agency, federal agency, etc.

MEDITECH description

Contact Role. The specific relationship role (next of kin, employer, emergency contact, etc).

MEDITECH values include:

NOK: Next of Kin

PTN: Person to Notify

EMP: Employer

* If the "Include ALL Parameter Contacts" in the REG Toolbox Parameters is set to "Yes" then an additional NK1 segment with all of the additional personal contacts that exist for a patient. For the additional NK1 segments, we will send the Contact Type of the contact in NK1-7.

Example: "EC" for Emergency Contact.

Used in Message Segment: [ADT_NK1](#)

OBX.1	HL7	Set ID - OBX	4	SI
	MT	Set ID - OBX	4	SI

HL7 standard description

This field contains the sequence number.

MEDITECH description

Unique Sequence #.

MEDITECH element/value

SET.ID

Used in Message Segment: [ADT_OBX](#)

OBX.2	HL7	Value Type	2	ID
	MT	Value Type	2	ID

HL7 standard description

This field contains the format of the observation value in OBX.

MEDITECH description

Value type of the query.

MEDITECH element/value

CE - Indicates query is a group response query, with defined responses.

TX - Indicates query is a free text response query and there will be no group response mnemonic associated in OBX-5.

Used in Message Segment: [ADT_OBX](#)

OBX.3	HL7	Observation Identifier	250	CE
	MT	Observation Identifier	250	CE

HL7 standard description

This field contains a unique identifier for the observation.

MEDITECH description

Query identifier, includes query mnemonic, query text and module where the query resides.

MEDITECH element/value

Piece 1 - Query mnemonic
Piece 2 - Query description
Piece 3 - Module source

Used in Message Segment: [ADT_OBX](#)

OBX.5	HL7	Observation Value	250	CE
	MT	Observation Value	250	CE

HL7 standard description

This field contains the value observed by the observation producer.

MEDITECH description

The data type varies. Known instances are: Observation Begin Date/Time. Format YYYYMMDDHHMM Observation End Date/Time. Format YYYYMMDDHHMM

MEDITECH element/value

@wt.in.kg or @ht.in.cm

Used in Message Segment: [ADT_OBX](#)

PID.1	HL7	Set ID	1	CX
	MT	Set ID	1	N

MEDITECH description

There will only be one patient being sent at a time. Therefore, this will always be set to the value of "1".

Used in Message Segment: [ADT_PID](#)

PID.10	HL7	Race	250	CE
	MT	Race	250	AN

MEDITECH description

Patients race mnemonic as defined within the MIS race dictionary. An example of this could be "CA" which is commonly defined for Caucasian.

MEDITECH element/value

@race
@MRI.DRC.race

Used in Message Segment: [ADT_PID](#)

PID.11	HL7	Patient Address	250	AD
	MT	Patient Address	250	AN

MEDITECH description

Patients mailing address. This field is comprised of the following components:

- Component 1: Street
- Component 2: Street (Secondary, i.e. APT)
- Component 3: City
- Component 4: State
- Component 5: Zip Code

MEDITECH element/value

- Component 1 - @pat.street, @MRI.DRC.pat.street
- Component 2 - @pat.street2, @MRI.DRC.pat.street2
- Component 3 - @pat.city, @MRI.DRC.pat.city
- Component 4 - @pat.state, @MRI.DRC.pat.state
- Component 5 - @pat.zip, @MRI.DRC.pat.zip

Used in Message Segment: [ADT_PID](#)

PID.13	HL7	Phone Number - Home	250	TN
	MT	Phone Number - Home	250	N

MEDITECH description

Patients home phone number. This field is multi-component which includes the option of including an email address.

- Component 1: Patient home phone number
- Component 4: Patient E-mail address

6.1 Release and Above:

- Component 1 - Phone Number
- Component 2 - HL7 Use Code
 - Hard coded as either:
 - "PRN" - Primary Residence Number
 - "ORN" - Other Residence Number
- Component 3 - Type - From MIS Phone Number Type Dictionary

MEDITECH element/value

- Component 1: @pat.home.phone
- Component 4: @pat.email

Used in Message Segment: [ADT_PID](#)

PID.14	HL7	Phone Number - Business	250	TN
	MT	Phone Number - Business	250	N

MEDITECH description

This field contains the patient's business telephone number.

6.1 Release and Above:

Component 1 - Phone Number
Component 2 - HL7 Use Code
 Hard coded as "WPN" - Work Primary Number
Component 3 - Type
 Hard coded as "EMP" - Employer

MEDITECH element/value

@ADM.PAT.emp.phone

Used in Message Segment: [ADT_PID](#)

PID.16	HL7	Marital Status	250	CE
	MT	Marital Status	250	ID

MEDITECH description

Patients marital status as defined in the marital status dictionary in MIS.

MEDITECH element/value

@marital.status

Used in Message Segment: [ADT_PID](#)

PID.17	HL7	Religion	250	CE
	MT	Religion	250	ID

MEDITECH description

Patients religion as defined in the religion dictionary within MIS.

MEDITECH element/value

@religion

Used in Message Segment: [ADT_PID](#)

PID.18	HL7	Patient Account Number	250	TX
	MT	Patient Account Number	250	AN

MEDITECH description

This field contains the patient account number.

Optional 2nd Component: Patient Registration Category

MEDITECH element/value

DPM Information:

ADM.PAT.acct.num

Used in Message Segment: [ADT_PID](#)

PID.2	HL7	Patient Identifier	20	CX
	MT	External Patient Identifier	20	N

MEDITECH description

This field is populated with the patient identifier for the external system.

MEDITECH element/value

@MIS.HUB.mri.hub.id, [@mri.urn]

@MIS.HUB.adm.hub.id [@urn]

Used in Message Segment: [ADT_PID](#)

PID.21	HL7	Mother's Identifier	250	AN
	MT	Mother's Account Number	250	AN

MEDITECH element/value

@ADM.PAT.acct.number

Used in Message Segment: [ADT_PID](#)

PID.22	HL7	Patient Ethnicity	20	CE
	MT	Patient Ethnicity	20	SN

MEDITECH description

Patients Ethnicity. This field is only required in the MEDITECH 6.1 environment. This is an optional field in releases below.

Used in Message Segment: [ADT_PID](#)

PID.3	HL7	Patient Identifier List	250	CX
	MT	Patient Identifier List	25	SID

MEDITECH description

This field contains multiple patient identifiers separated by a repetition character. A patients Medical Record Number, Social Security Number, HIM OID, and EMR Number are sent through this field. The following format of this field is as follows:

Anything between expressed with " " is a hardcoded value.

First Repetition: *(If available)*

Component 1: Medical Record Number
Component 5: "MR"
Component 6: Facility Mnemonic

Second Repetition: *(If available)*

Component 1: Social Security Number
Component 5: "SS"
Component 6: Facility Mnemonic

Third Repetition:*(If available)*

Component 1: HIM OID
Component 5: "PI"
Component 6: Facility Mnemonic

Fourth Repetition:*(If available)*

Component 1: EMR ID
Component 5: "EMR"
Component 6: Facility Mnemonic

Note: If there is no social security number entered on a patient, the fourth repetition will assume the third repetition.

If HL7 version < 2.4 then only MRN repetition will be available.

MEDITECH element/value

Medical Record Number: @unit.number
Social Security Number: @soc.sec.number
HIM ID: @mri.urn
EMR ID: @MRI.PAT.mri.hub.id

Used in Message Segment: [ADT_PID](#)

PID.5	HL7	Patient Name	250	PN
	MT	Patient Name	250	AN

MEDITECH description

This field contains the name of the patient. This field is a 6 component field which is formatted as follows:

Component 1: Last Name
Component 2: First Name
Component 3: Middle Initial
Component 4: Suffix
Component 5: Title
Component 6: Degree

If the HL7 Version is greater than 2.2 than PID.5.7 will populate with L and if there are multiple other names than PID.5.7 will be populated with an M. If the HL7 Versions is 2.2 or less than it won t populate PID.5.7.

MEDITECH element/value

@name
@maiden.other.name
@MRI.PAT.name

Used in Message Segment: [ADT_PID](#)

PID.6	HL7	Mother's Maiden Name	250	PN
	MT	Mother's Maiden Name	250	AN

MEDITECH description

This field contains the mothers maiden name.

MEDITECH element/value

@mothers.first.name
@MRI.PAT.mothers.first.name

Used in Message Segment: [ADT_PID](#)

PID.7	HL7	Date of Birth	26	TS
	MT	Date of Birth	26	N

MEDITECH description

This field contains the patients date of birth. This is formatted as follows:

YYYYMMDDHHMM

MEDITECH element/value

DPM Information:

ADM.PAT.pat.dob

Used in Message Segment: [ADT_PID](#)

PID.8	HL7	Administrative Sex	1	IS
	MT	Administrative Sex	1	N

MEDITECH description

This field contains the sex of the patient. Possible values: M, F, and U.

M = Male
F = Female

U = Unknown

MEDITECH element/value

DPM Information:

ADM.PAT.sex

Used in Message Segment: [ADT_PID](#)

PV1.1	HL7	Set ID	4	SI
	MT	Set ID	4	N

MEDITECH description

This field contains the number that identifies this transaction. For the first occurrence of the segment, the sequence number shall be one, for the second occurrence, the sequence number shall be two, etc.

Used in Message Segment: [ADT_PV1](#)

PV1.10	HL7	Hospital Service	3	ID
	MT	Hospital Service	3	AN

MEDITECH description

This field contains the treatment or type of surgery that the patient is scheduled to receive; defined as the Service in Admissions. It is a required field with trigger events A01 (admit/visit notification), A02 (transfer a patient). The values that populate this field are built in the Registration Service dictionary in MIS.

MEDITECH element/value

DPM Information:

ADM.PAT.service

Used in Message Segment: [ADT_PV1](#)

PV1.11	HL7	Patients Temporary Location	20	CE
	MT	Patients Temporary Location	20	AN

MEDITECH description

This field will contain the Patient's Temporary Location as entered within Admissions/Registration.

MEDITECH element/value

@ADM.PAT.temporary.location

Used in Message Segment: [ADT_PV1](#)

PV1.14	HL7	Admit Source	6	IS
	MT	Admit Source	6	AN

MEDITECH description

This field indicates where the patient was admitted.

This field can be populated with the MEDITECH mnemonic for a dictionary entry within either the MIS Administrative Admission Source or Newborn Admission Source dictionary.

MEDITECH element/value

DPM Information:

ADM.PAT.admit.source

Used in Message Segment: [ADT PV1](#)

PV1.16	HL7	VIP Indicator	2	ID
	MT	VIP Indicator	2	SN

MEDITECH description

This is a Y/N flag that is defined as the VIP field in HIM - MPI desktop. This field will be blank if no value is defined in HIM.

Used in Message Segment: [ADT PV1](#)

PV1.17	HL7	Admitting Provider	60	CN
	MT	Admitting Provider	60	SN

MEDITECH description

This field contains the admitting physician information as defined within Admissions/Registration. The components of this field are populated by the MIS Person dictionary.

- Component 1 - Provider Mnemonic
- Component 2 - Last Name
- Component 3 - First Name
- Component 4 - Middle Initial
- Component 5 - Suffix
- Component 6 - Title
- Component 7 - Degree

MEDITECH element/value

@ADM.PAT.admit.doctor

Used in Message Segment: [ADT PV1](#)

PV1.18	HL7	Patient Type	2	ID
	MT	Patient Type	3	AN

MEDITECH description

This field contains the Patient's Account Type as defined in Admissions.
Possible values are:

CLI - Clinical Outpatient
ER - Emergency Room Patient
IN - Inpatient
INO - Observation Patient
NB - Newborn
RCR - Recurring Outpatient
REF - Referred Outpatient
SDC - Surgical Day Care Patient

Used in Message Segment: [ADT PV1](#)

PV1.2	HL7	Patient Status	1	CX
	MT	Patient Status	1	SN

MEDITECH description

PV1|2 can be populated with the following values:

"P", used for "PRE" patients
"I", used for inpatients
"E", used for ER patients
"O", used for outpatients

The field can also be left blank, which appears to happen if the patient is an "SCH" patient.

Used in Message Segment: [ADT PV1](#)

PV1.20	HL7	Financial Class	11	ID
	MT	Financial Class	11	AN

MEDITECH description

This is the Patient's Financial Class as defined as Fin Class in Admissions.
The values for this field are defined in the Financial Class dictionary in MIS.

MEDITECH element/value

DPM Information:

ADM.PAT.financial.class

Used in Message Segment: [ADT PV1](#)

PV1.3	HL7	Assigned Patient Location	80	PL
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MT Assigned Patient Location 80 AN

MEDITECH description

This field contains the patient s assigned location as defined in Admissions.

- Component 1 - Location
- Component 2 - Room
- Component 3 - Bed

Component 1 values are defined values in the Location dictionary in MIS. These are typically hospital wards or floors. Components 2 and 3 are defined in the Room dictionary in MIS.

MEDITECH element/value

- Component 1 - location - ADM.PAT.location
- Component 2 - room - ADM.PAT.room
- Component 3 - bed - ADM.PAT.bed

Used in Message Segment: [ADT PV1](#)

PV1.36	HL7	Discharge Disposition	2	ID
	MT	Discharge Disposition	10	AN

MEDITECH description

This field contains the disposition of the patient at time of discharge (i.e., discharged to home, expired, etc.). This is defined as the Discharge Disposition in Admissions. The values for this field are defined in the Discharge Disposition dictionary in MIS.

MEDITECH element/value

DPM Information:

ADM.PAT.discharge.disposition

Used in Message Segment: [ADT PV1](#)

PV1.39	HL7	Servicing Facility	2	ID
	MT	Servicing Facility	10	AN

MEDITECH description

This field is used in a multiple facility environment to indicate the healthcare facility with which this visit is associated. The Facility Mnemonic is defined within the ADM Toolbox parameters.

Used in Message Segment: [ADT PV1](#)

PV1.4	HL7	Admission Type	2	ID
	MT	Admission Type	2	AN

MEDITECH description

This is a Patient's "Admit Priority" as defined in Admissions.

MEDITECH element/value

ADM.PAT.admit.priority

Used in Message Segment: [ADT PV1](#)

PV1.41	HL7	Patient Status	2	ID
	MT	Patient Status	3	AN

MEDITECH description

This field contains the account status. Possible values are:

SCH - Scheduled PRE - Preadmitted
ADM - Admitted REG - Registered
DIS - Discharged DEP - Departed"

Used in Message Segment: [ADT PV1](#)

PV1.44	HL7	Admit Date/Time	19	TS
	MT	Admit/Service Date/Time	19	AN

MEDITECH description

This field contains the admit date/time. It is to be used if the event date/time is different than the admit date and time, i.e., a retroactive update. This is defined as the Admit Date and Time in Admissions. Format is YYYYMMDDHHMM

MEDITECH element/value

DPM Information:

ADM.PAT.admit.date
ADM.PAT.admit.time

Used in Message Segment: [ADT PV1](#)

PV1.45	HL7	Discharge Date/Time	19	TS
	MT	Discharge Date/Time	19	AN

MEDITECH description

This field contains the discharge date/time. This is defined as the Discharge Date and Time in Admissions. Format is YYYYMMDDHHMM

MEDITECH element/value

DPM Information:

ADM.PAT.discharge.date
ADM.PAT.discharge.time

Used in Message Segment: [ADT PV1](#)

PV1.52	HL7	Family Doctor	100	CE
	MT	Family Doctor	100	AN

MEDITECH description

Mnemonic of Family Doctor.

Component 1 - Provider Mnemonic
Component 2 - Last Name
Component 3 - First Name
Component 4 - Middle Initial
Component 5 - Suffix
Component 6 - Title
Component 7 - Degree

Used in Message Segment: [ADT PV1](#)

PV1.6	HL7	Prior Patient Location	80	PL
	MT	Prior Patient Location	80	AN

MEDITECH description

This field contains the prior patient location if the patient is being transferred. This field is null if the patient is new.

The format of this field is the same as PV1|3:

Component 1 - Location
Component 2 - Room
Component 3 - Bed

Component 1 values are defined values in the Location dictionary in MIS. These are typically hospital wards or floors. Components 2 and 3 are defined in the Room dictionary in MIS.

Used in Message Segment: [ADT PV1](#)

PV1.7	HL7	Attending Provider	60	CN
	MT	Attending Provider	60	AN

MEDITECH description

This field contains the attending physician information as defined in Admissions. The components of this field are populated by the MIS Person dictionary.

Component 1 - Provider Mnemonic
Component 2 - Last Name
Component 3 - First Name

Component 4 - Middle Initial
Component 5 - Suffix
Component 6 - Title
Component 7 - Degree

MEDITECH element/value

ADM.PAT.attend.er.doctor

Used in Message Segment: [ADT PV1](#)

PV1.8	HL7	Referring Provider	60	CN
	MT	Referring Provider	60	AN

MEDITECH description

This field contains the referring physician information as defined in Admissions. The components of this field are populated by the MIS Person dictionary.

Component 1 - Provider Mnemonic
Component 2 - Last Name
Component 3 - First Name
Component 4 - Middle Initial
Component 5 - Suffix
Component 6 - Title
Component 7 - Degree

MEDITECH element/value

@ADM.PAT.refer.doctor

Used in Message Segment: [ADT PV1](#)

PV1.9	HL7	Consulting Provider	60	CN
	MT	Consulting Provider	60	AN

HL7 standard description

This field contains the consulting physician information. The field sequences are used to indicate multiple consulting doctors. Depending on local agreements, either the ID or the name may be absent from this field. Refer to user-defined table 0010 - Physician ID for suggested values.

MEDITECH description

This field contains the consulting physician information as defined in Admissions/Registration. The components of this field are populated by the MIS Person dictionary.

Component 1 - Provider Mnemonic
Component 2 - Last Name
Component 3 - First Name
Component 4 - Middle Initial
Component 5 - Suffix
Component 6 - Title

Component 7 - Degree

MEDITECH element/value

@ADM.PAT.consulting.doctor

Used in Message Segment: [ADT_PV1](#)

PV2.10	HL7	ESTIMATED LENGTH OF INP STAY	3	NM
	MT	Estimated length of stay	3	NM

HL7 standard description

This field specifies the estimated days of inpatient stays.

MEDITECH description

Patient's estimated length of stay measured by days

MEDITECH element/value

@ADM.PAT.expected.length.of.stay

Used in Message Segment: [ADT_PV2](#)

PV2.11	HL7	Length of Inpatient Stay	3	NM
	MT	Length of Inpatient Stay	3	N

MEDITECH description

This field contains the actual days of inpatient stays. The actual length of the inpatient stay may not be calculated from the admission and discharge dates because of possible leaves of absence.

Used in Message Segment: [ADT_PV2](#)

PV2.13	HL7	Referral Source Code	250	XCN
	MT	Referral Source Code	250	XCN

HL7 standard description

This field contains the name and the identification numbers of the person or organization that made the referral.

MEDITECH description

Patient's referral source code.

MEDITECH element/value

PV2|13.1 - @ADM.PAT.refer.client - mnemonic

PV2|13.2 - @ADM.PAT.refer.client.name - name

Used in Message Segment: [ADT_PV2](#)

PV2.2	HL7	Accommodation Code	250	CE
	MT	Accommodation Code	250	ID

MEDITECH description

Accommodation Type of the bed associated with the preceding location.
Accommodation codes are defined in the Accommodation dictionary in MIS.

MEDITECH element/value

Component 1: @ADM.PAT.rooms.accomodation
Component 2: @MIS.ACCOM.name

Used in Message Segment: [ADT_PV2](#)

PV2.22	HL7	Visit Protection Indicator	1	ID
	MT	Visit Protection Indicator	1	ID

HL7 standard description

This field indentifies the person's protection that determines, in turn, whether access to information about this person should be kept from users who do not have adequate authority for a specific visit.

MEDITECH description

Patient's confidential data flag.

Y = Indicates that the patient has been flagged as confidential.

MEDITECH element/value

@ADM.PAT.confidential
@MRI.PAT.visit.confidential

Used in Message Segment: [ADT_PV2](#)

PV2.25	HL7	VISIT PRIORITY CODE	1	IS
	MT	Visit Priority Code	1	IS

HL7 standard description

This field contains the priority of the visit.

MEDITECH description

Patient's visit priority code.

MEDITECH element/value

@ADM.PAT.admit.priority

Used in Message Segment: [ADT_PV2](#)

PV2.26	HL7	PREVIOUS TREATMENT DATE	8	DT
	MT	Previous treatment date	8	DT

HL7 standard description

This field contains the date that the patient last had treatment for any condition prior to this visit.

MEDITECH description

Patients previous treatment date if entered.

MEDITECH element/value

@ADM.PAT.last.discharge.date or
@ADM.PAT.last.hosp.thru.date

Used in Message Segment: [ADT_PV2](#)

PV2.3	HL7	Admit Reason	15	CE
	MT	Admit Reason	50	AN

MEDITECH description

This will contain the free text Reason For Visit field.

MEDITECH element/value

DPM Information:

ADM.PAT.reason.for.visit

Used in Message Segment: [ADT_PV2](#)

PV2.36	HL7	NEWBORN BABY INDICATOR	1	ID
	MT	Newborn Indicator	1	ID

HL7 standard description

This field indicates whether the patient is a baby.

MEDITECH description

Indication (yes or no) if patient is a newborn.

MEDITECH element/value

Y or N

Used in Message Segment: [ADT_PV2](#)

PV2.38	HL7	Mode of Arrival Code	250	ID
	MT	Mode of Arrival Code	250	ID

HL7 standard description

Identifies how the patient was brought to the healthcare facility.

MEDITECH description

Mode of arrival code.

MEDITECH element/value

Piece 1 - @ADM.PAT.arrived.from

Piece 2 - @MIS.ARRIV.DICT.name

Used in Message Segment: [ADT_PV2](#)

PV2.4	HL7	Transfer Reason	250	CE
	MT	Transfer Reason	250	CE

HL7 standard description

This field contains the short description of the reason for a patient location change.

MEDITECH description

Patient's transfer reason.

MEDITECH element/value

@RegEvents.Comment

Used in Message Segment: [ADT_PV2](#)

PV2.42	HL7	Patient Condition Code	250	CE
	MT	Patient Condition Code	250	CE

HL7 standard description

This field indicates the patient's current medical condition for the purpose of communicating to non-medical outside parties (e.g. family, employer, religious minister, media, etc)

MEDITECH description

Patient condition code.

MEDITECH element/value

PV2|42.1 - @ADM.PAT.condition
PV2|42.2 - @ADM.PAT.condition's.name

Used in Message Segment: [ADT PV2](#)

PV2.9	HL7	Expected Discharge Date/Time	26	TS
	MT	Expected Discharge Date/Time	26	TS

HL7 standard description

This field contains the date and time that the patient is expected to be discharged.

MEDITECH description

Patient's expected discharge date and time.

Used in Message Segment: [ADT PV2](#)

ROL.1	HL7	Set ID	250	CE
	MT	Set ID	250	N

MEDITECH description

This field contains the number that identifies this transaction. For the first occurrence of the segment, the sequence number shall be one, for the second occurrence, the sequence number shall be two, etc.

Used in Message Segment: [ADT ROL](#)

ROL.2	HL7	Action Code	2	ID
	MT	Action Code	2	AN

MEDITECH description

Action Code

Used in Message Segment: [ADT ROL](#)

ROL.3	HL7	Provider Role	250	CE
	MT	Provider Role	250	AN

MEDITECH description

The role of the provider for the patient. This field will be populated with one of the following values:

AD - Admitting
AT - Attending
CP - Consulting
EP - Emergency Physician (IOP-17961: 6.15.48+, 6.16.25+, Expanse 2.1.6+)
FHCP - Family
PP - Primary Care
OP - Other
RP - Referring

Used in Message Segment: [ADT_R0L](#)

ROL.4	HL7	Role Person	250	ST
	MT	Role Person	250	AN

MEDITECH description

The role person's name as defined in the MIS Person Dictionary. This field will be formatted as follows:

Component 1: Mnemonic
Component 2: Last Name
Component 3: First Name
Component 4: Middle Initial
Component 5: Suffix
Component 6: Title
Component 7: Degree

MEDITECH element/value

Admitting: ADM.PAT.admit.doctor
Attending: ADM.PAT.attend.er.doctor
Consulting: ADM.PAT.consulting.doctor
Family: ADM.PAT.family.doctor
Primary Care: ADM.PAT.prim.care.doctor
Other: ADM.PAT.other.doctor
Referring: ADM.PAT.refer.doctor

Used in Message Segment: [ADT_R0L](#)

UB2.1	HL7	Set ID - UB2	4	SI
	MT	Set ID - UB2	4	SI

HL7 standard description

This field contains the number that identifies this transaction. For the first occurrence of the segment the sequence number shall be 1, for the second occurrence it shall be 2, etc.

MEDITECH description

Set ID

MEDITECH element/value

Used in Message Segment: [ADT UB2](#)

UB2.3	HL7	Condition Code (24-30)	2	IS
	MT	Condition Code (24-30)	2	IS

HL7 standard description

This field contains the number that identifies this transaction.

MEDITECH description

Patient's condition code.

Condition codes are defined in the Condition Code dictionary in MIS.

MEDITECH element/value

@MIS.COND.ub82.code[@condition]

Used in Message Segment: [ADT UB2](#)

UB2.7	HL7	Occurrence Code & Date (32-35)	11	CM
	MT	Occurrence Code & Date (32-35)	11	CM

HL7 standard description

The set of values in this field can repeat up to eight times.

MEDITECH description

Patient's occurrence code.

Occurrence codes are defined in the Occurrence Code dictionary in MIS.

MEDITECH element/value

Piece 1

Subcomponent 1 - @MIS.ACCID.TYPE.ub82.code[@occur.type]

Subcomponent 2 - @occur.date

Used in Message Segment: [ADT UB2](#)