

# **SS\_2\_1\_Patient\_Dies**

# **Syndromic Test Case SS\_2\_1.1**

## **Patient Dies - Registration**

### **Step1**

#### **A04 Message**

# Test Story

## Description

An unconscious white female with critical injuries to her head and neck is brought by ambulance to Western Regional Medical Center's Emergency Department at 5:00 pm on July 17, 2012. The paramedics report that the patient turned her bicycle in to a bus moving at 35 mph. The collision threw the cyclist, who was not wearing a helmet, head first to the ground, and she arrived to the ED unconscious. The patient's vital signs are stable, but she is on ventilation. Unable to find any identification, the patient is registered without a name, date of birth, race or ethnicity and her reason for visit is logged as E812.6 and diagnoses are unassigned. Western Regional Medical Center reports Syndromic surveillance data to the state health authorities every 2 hours. The hospital's electronic health record module for Syndromic surveillance data assembles and transmits three messages related to this encounter. One Registration ADT message is sent at 6:00 pm on July 17, 2012.

## Pre Condition

NO PreCondition.

## Post Condition

NO PostCondition.

## Test Objectives

This test case examines an EHR module's ability to create ADT A04-Registration, within the parameters of the PHIN Messaging Guide's conformance requirements. This Test Case provides an example of an ED visit where the patient's demographic information is unavailable at registration, reason for visit is captured as a coded value, ICD-9 ECODEs are captured as part of the working diagnoses.

## Notes to Testers

NO Note.

# Test Data Specification

## Patient Information

Element Name	Data
Name	Unspecified
Gender	Female
Race	White
Ethnic Group	
Zip Code	
County/Parish Code	
Patient Death Date and Time	

## Visit Information

Element Name	Data
Admit Date and Time	07/17/2012 17:30 p.m.
Discharge Disposition	

## Observation Results Information

Element Name	Data
Observation Identifier	Facility / Visit Type
Observation Value	Emergency Care
Units	
Observation Results Status	Final results; Can only be changed with a corrected result.

## Observation Results Information

Element Name	Data
Observation Identifier	Age Time Patient Reported
Observation Value	
Units	unknown
Observation Results Status	Final results; Can only be changed with a corrected result.

Observation Results Information

Element Name	Data
Observation Identifier	Chief complaint:Find:Pt:Patient:Nom:Reported
Observation Value	headache, nausea and an inability to walk
Units	
Observation Results Status	Final results; Can only be changed with a corrected result.

# Message Content Data Sheet

## Test Case Information

Patient Dies - Registration	
Test Case ID	SS_2_1.1-A04

## MSH : Message Header Segment

Location	Data Element	Data	Categorization
MSH.1	Field Separator		IG Fixed Data
MSH.2	Encoding Characters	^~\&	IG Fixed Data
MSH.4	Sending Facility		
MSH.4.1	Namespace ID	WstrnRgnlMedCntr	Configurable Data
MSH.4.2	Universal ID	1231231235	Configurable Data
MSH.4.3	Universal ID Type	NPI	Configurable Data
MSH.7	Date/Time Of Message		
MSH.7.1	Time	201207171800	Changeable Data
MSH.9	Message Type		
MSH.9.1	Message Code	ADT	IG Fixed Data
MSH.9.2	Event Type	A04	IG Fixed Data
MSH.9.3	Message Structure	ADT_A01	IG Fixed Data
MSH.10	Message Control ID	NIST-SS-TC-XXX.XX	Changeable Data
MSH.11	Processing ID		
MSH.11.1	Processing ID	P	Changeable Data
MSH.12	VersionID		
MSH.12.1	Version ID	2.5.1	IG Fixed Data
MSH.21	Message Profile Identifier		
MSH.21.1	Entity Identifier	PH_SS-NoAck	IG Fixed Data
MSH.21.2	Namespace ID	SS Sender	IG Fixed Data
MSH.21.3	Universal ID	2.16.840.1.114222.4.10.3	IG Fixed Data
MSH.21.4	Universal ID Type	ISO	IG Fixed Data

EVN : Event Type Segment

Location	Data Element	Data	Categorization
<b>EVN.2</b>	<b>Recorded Date/Time</b>		
EVN.2.1	Time	201207171800	Changeable Data
<b>EVN.7</b>	<b>Event Facility</b>		
EVN.7.1	Namespace ID	WstrnRgnlMedCntr	Configurable Data
EVN.7.2	Universal ID	1231231235	Configurable Data
EVN.7.3	Universal ID Type	NPI	Configurable Data

PID : Patient Identification Segment

Location	Data Element	Data	Categorization
<b>PID.1</b>	<b>Set ID - PID</b>	1	IG Fixed Data
<b>PID.3</b>	<b>Patient Identifier List</b>		
PID.3.1	ID Number	222	Changeable Data
PID.3.5	Identifier Type Code	MR	Changeable Data
<b>PID.5[1]</b>	<b>Patient Name</b>		
PID.5[1].7	Name Type Code		
<b>PID.5[2]</b>	<b>Patient Name</b>		
PID.5[2].7	Name Type Code	U	Changeable Data
<b>PID.8</b>	<b>Administrative Sex</b>	F	Test Case Fixed Data
<b>PID.10</b>	<b>Race</b>		
PID.10.1	Identifier	2106-3	Changeable Data
PID.10.3	Name of Coding System	CDCREC	Changeable Data
<b>PID.11</b>	<b>Patient Address</b>		
PID.11.5	Zip or Postal Code		
PID.11.9	County/Parish Code		
<b>PID.22</b>	<b>Ethnic Group</b>		
PID.22.1	Identifier		
PID.22.3	Name of Coding System		
<b>PID.29</b>	<b>Patient Death Date and Time</b>		
PID.29.1	Time		
<b>PID.30</b>	<b>Patient Death Indicator</b>		

PV1 : Patient Visit information

Location	Data Element	Data	Categorization
<b>PV1.1</b>	<b>Set ID - PV1</b>	1	IG Fixed Data
<b>PV1.19</b>	<b>Visit Number</b>		
PV1.19.1	ID Number	20120709_0064	Changeable Data
PV1.19.5	Identifier Type Code	VN	IG Fixed Data
<b>PV1.36</b>	<b>Discharge Disposition</b>		
<b>PV1.44</b>	<b>Admit Date/Time</b>		
PV1.44.1	Time	201207171730	Changeable Data

OBX : Observation/Result Segment

Location	Data Element	Data	Categorization
<b>OBX.1</b>	<b>Set ID</b>	1	IG Fixed Data
<b>OBX.2</b>	<b>Value Type</b>	CWE	Test Case Fixed Data
<b>OBX.3</b>	<b>Observation Identifier</b>		
OBX.3.1	Identifier	SS003	Test Case Fixed Data
OBX.3.3	Name of Coding System	PHINQUESTION	Test Case Fixed Data
<b>OBX.5-CWE</b>	<b>Observation Value</b>		
OBX.5-CWE.1	Identifier	170300000X	Test Case Fixed Data
OBX.5-CWE.2	Text	Emergency Care	Changeable Data
OBX.5-CWE.3	Name of Coding System	NUCC	Test Case Fixed Data
OBX.5-CWE.4	Alternate Identifier		
OBX.5-CWE.5	Alternate Text		
OBX.5-CWE.6	Name of Alternate Coding System		
OBX.5-CWE.9	Original Text		
<b>OBX.6</b>	<b>Units</b>		
OBX.6.1	Identifier		
OBX.6.3	Name of Coding System		
<b>OBX.11</b>	<b>Observation Result Status</b>	F	Test Case Fixed Data



OBX : Observation/Result Segment

Location	Data Element	Data	Categorization
<b>OBX.1</b>	<b>Set ID</b>	2	IG Fixed Data
<b>OBX.2</b>	<b>Value Type</b>	NM	Test Case Fixed Data
<b>OBX.3</b>	<b>Observation Identifier</b>		
OBX.3.1	Identifier	21612-7	Test Case Fixed Data
OBX.3.3	Name of Coding System	LN	Test Case Fixed Data
<b>OBX.6</b>	<b>Units</b>		
OBX.6.1	Identifier	UNK	Test Case Fixed Data
OBX.6.3	Name of Coding System	NULLFL	Test Case Fixed Data
<b>OBX.11</b>	<b>Observation Result Status</b>	F	Test Case Fixed Data

OBX : Observation/Result Segment

Location	Data Element	Data	Categorization
<b>OBX.1</b>	<b>Set ID</b>	3	IG Fixed Data
<b>OBX.2</b>	<b>Value Type</b>	CWE	Test Case Fixed Data
<b>OBX.3</b>	<b>Observation Identifier</b>		
OBX.3.1	Identifier	8661-1	Test Case Fixed Data
OBX.3.3	Name of Coding System	LN	Test Case Fixed Data
<b>OBX.5-CWE</b>	<b>Observation Value</b>		
OBX.5-CWE.1	Identifier		
OBX.5-CWE.2	Text	headache, nausea and an inability to walk	Changeable Data
OBX.5-CWE.3	Name of Coding System		
OBX.5-CWE.4	Alternate Identifier		
OBX.5-CWE.5	Alternate Text		
OBX.5-CWE.6	Name of Alternate Coding System		
OBX.5-CWE.9	Original Text		
<b>OBX.6</b>	<b>Units</b>		
OBX.6.1	Identifier		
OBX.6.3	Name of Coding System		
<b>OBX.11</b>	<b>Observation Result Status</b>	F	Test Case Fixed Data

# HL7 Message

MSH|^~\&|WstrnRgnlMedCntr^1231231235^NPI||201207171800||ADT^A04^ADT\_A01|NIST-SS-002.11|P|2.5.1|||||PH\_SS-NoAck^SS  
Sender^2.16.840.1.114222.4.10.3^ISO

EVN||201207171800||||WstrnRgnlMedCntr^1231231235^NPI

PID|1||222^^^MR||^~^U||F||2106-3^^CDCREC

PV1|1|||||20120709\_0064^^^VN|||||201207171730

OBX|1|CWE|SS003^^PHINQUESTION||170300000X^Emergency Care^NUCC||||F

OBX|2|NM|21612-7^^LN||UNK^^NULLFL||||F

OBX|3|CWE|8661-1^^LN||^headache, nausea and an inability to walk||||F

*Note: the message contains newlines within the segment and between segments for display purposes. When copying for use in applications the newlines will need to be removed.*

# **Syndromic Test Case SS\_2\_2.1**

**Patient Dies - Update**

**Step2**

**A08 Message**

# Test Story

## Description

Physical examination and test reveal a fracture to the base of the patient's skull and massive intracranial bleeding. While the patient's examination and diagnostic tests are proceeding an emergency room tech uncovers the patient's a driver's license among the belongings brought to the ED by the paramedics. At 5:30 pm the patient's medical record is updated with a working diagnosis code 801.45. Also at this time, the patient's license is used to also update the medical record with name and date of birth. Western Regional Medical Center reports Syndromic surveillance data to the state health authorities every 2 hours. The hospital's electronic health record module for Syndromic surveillance data assembles and transmits three messages related to this encounter. One Update message is sent at 8 pm on July 17, 2012.

## Pre Condition

A04-Registration message is sent before the A08-Update message.

## Post Condition

NO PostCondition.

## Test Objectives

This test case examines an EHR module's ability to create A08-Update message, within the parameters of the PHIN Messaging Guide's conformance requirements. This Test Case provides an example of an ED visit where the patient's demographic information is unavailable at registration, reason for visit is captured as a coded value, ICD-9 ECODEs are captured as part of the working and final diagnoses.

## Notes to Testers

NO Note.

# Test Data Specification

## Patient Information

Element Name	Data
Name	Coded Pseudo-Name to ensure anonymity
Gender	Female
Race	White
Ethnic Group	
Zip Code	60601
County/Parish Code	
Patient Death Date and Time	

## Visit Information

Element Name	Data
Admit Date and Time	07/17/2012 17:30 p.m.
Discharge Disposition	
Diagnosis Type	Working
Diagnosis	Closed fracture of base of skull with intracranial injury of other and unspecified nature, with prolonged [more than 24 hours] loss of consciousness, without return to pre-existing conscious level

## Observation Results Information

Element Name	Data
Observation Identifier	Facility / Visit Type
Observation Value	Emergency Care
Units	
Observation Results Status	Final results; Can only be changed with a corrected result.

Observation Results Information

Element Name	Data
Observation Identifier	Age Time Patient Reported
Observation Value	35
Units	year
Observation Results Status	Final results; Can only be changed with a corrected result.

Observation Results Information

Element Name	Data
Observation Identifier	Chief complaint:Find:Pt:Patient:Nom:Reported
Observation Value	headache, nausea and an inability to walk
Units	
Observation Results Status	Final results; Can only be changed with a corrected result.

# Message Content Data Sheet

## Test Case Information

Patient Dies - Update	
Test Case ID	SS_2_2.1-A08

## MSH : Message Header Segment

Location	Data Element	Data	Categorization
MSH.1	Field Separator		IG Fixed Data
MSH.2	Encoding Characters	^~\&	IG Fixed Data
MSH.4	Sending Facility		
MSH.4.1	Namespace ID	WstrnRgnlMedCntr	Configurable Data
MSH.4.2	Universal ID	1231231235	Configurable Data
MSH.4.3	Universal ID Type	NPI	Configurable Data
MSH.7	Date/Time Of Message		
MSH.7.1	Time	201207172000	Changeable Data
MSH.9	Message Type		
MSH.9.1	Message Code	ADT	IG Fixed Data
MSH.9.2	Event Type	A08	IG Fixed Data
MSH.9.3	Message Structure	ADT_A01	IG Fixed Data
MSH.10	Message Control ID	NIST-SS-TC-XXX.XX	Changeable Data
MSH.11	Processing ID		
MSH.11.1	Processing ID	P	Changeable Data
MSH.12	VersionID		
MSH.12.1	Version ID	2.5.1	IG Fixed Data
MSH.21	Message Profile Identifier		
MSH.21.1	Entity Identifier	PH_SS-NoAck	IG Fixed Data
MSH.21.2	Namespace ID	SS Sender	IG Fixed Data
MSH.21.3	Universal ID	2.16.840.1.114222.4.10.3	IG Fixed Data
MSH.21.4	Universal ID Type	ISO	IG Fixed Data

EVN : Event Type Segment

Location	Data Element	Data	Categorization
<b>EVN.2</b>	<b>Recorded Date/Time</b>		
EVN.2.1	Time	201207172000	Changeable Data
<b>EVN.7</b>	<b>Event Facility</b>		
EVN.7.1	Namespace ID	WstrnRgnlMedCntr	Configurable Data
EVN.7.2	Universal ID	1231231235	Configurable Data
EVN.7.3	Universal ID Type	NPI	Configurable Data

PID : Patient Identification Segment

Location	Data Element	Data	Categorization
<b>PID.1</b>	<b>Set ID - PID</b>	1	IG Fixed Data
<b>PID.3</b>	<b>Patient Identifier List</b>		
PID.3.1	ID Number	222	Changeable Data
PID.3.5	Identifier Type Code	MR	Changeable Data
<b>PID.5[1]</b>	<b>Patient Name</b>		
PID.5[1].7	Name Type Code		
<b>PID.5[2]</b>	<b>Patient Name</b>		
PID.5[2].7	Name Type Code	S	Changeable Data
<b>PID.8</b>	<b>Administrative Sex</b>	F	Test Case Fixed Data
<b>PID.10</b>	<b>Race</b>		
PID.10.1	Identifier	2106-3	Changeable Data
PID.10.3	Name of Coding System	CDCREC	Changeable Data
<b>PID.11</b>	<b>Patient Address</b>		
PID.11.5	Zip or Postal Code	60601	Test Case Fixed Data
PID.11.9	County/Parish Code		
<b>PID.22</b>	<b>Ethnic Group</b>		
PID.22.1	Identifier		
PID.22.3	Name of Coding System		
<b>PID.29</b>	<b>Patient Death Date and Time</b>		
PID.29.1	Time		
<b>PID.30</b>	<b>Patient Death Indicator</b>		



PV1 : Patient Visit information

Location	Data Element	Data	Categorization
<b>PV1.1</b>	<b>Set ID - PV1</b>	1	IG Fixed Data
<b>PV1.19</b>	<b>Visit Number</b>		
PV1.19.1	ID Number	20120709_0064	Changeable Data
PV1.19.5	Identifier Type Code	VN	IG Fixed Data
<b>PV1.36</b>	<b>Discharge Disposition</b>		
<b>PV1.44</b>	<b>Admit Date/Time</b>		
PV1.44.1	Time	201207171730	Changeable Data

OBX : Observation/Result Segment

Location	Data Element	Data	Categorization
<b>OBX.1</b>	<b>Set ID</b>	1	IG Fixed Data
<b>OBX.2</b>	<b>Value Type</b>	CWE	Test Case Fixed Data
<b>OBX.3</b>	<b>Observation Identifier</b>		
OBX.3.1	Identifier	SS003	Test Case Fixed Data
OBX.3.3	Name of Coding System	PHINQUESTION	Test Case Fixed Data
<b>OBX.5-CWE</b>	<b>Observation Value</b>		
OBX.5-CWE.1	Identifier	170300000X	Test Case Fixed Data
OBX.5-CWE.2	Text	Emergency Care	Changeable Data
OBX.5-CWE.3	Name of Coding System	NUCC	Test Case Fixed Data
OBX.5-CWE.4	Alternate Identifier		
OBX.5-CWE.5	Alternate Text		
OBX.5-CWE.6	Name of Alternate Coding System		
OBX.5-CWE.9	Original Text		
<b>OBX.6</b>	<b>Units</b>		
OBX.6.1	Identifier		
OBX.6.3	Name of Coding System		
<b>OBX.11</b>	<b>Observation Result Status</b>	F	Test Case Fixed Data

OBX : Observation/Result Segment

Location	Data Element	Data	Categorization
OBX.1	Set ID	2	IG Fixed Data
OBX.2	Value Type	NM	Test Case Fixed Data
OBX.3	Observation Identifier		
OBX.3.1	Identifier	21612-7	Test Case Fixed Data
OBX.3.3	Name of Coding System	LN	Test Case Fixed Data
OBX.5	Observation Value	35	Test Case Fixed Data
OBX.6	Units		
OBX.6.1	Identifier	a	Test Case Fixed Data
OBX.6.3	Name of Coding System	UCUM	Test Case Fixed Data
OBX.11	Observation Result Status	F	Test Case Fixed Data

OBX : Observation/Result Segment

Location	Data Element	Data	Categorization
OBX.1	Set ID	3	IG Fixed Data
OBX.2	Value Type	CWE	Test Case Fixed Data
OBX.3	Observation Identifier		
OBX.3.1	Identifier	8661-1	Test Case Fixed Data
OBX.3.3	Name of Coding System	LN	Test Case Fixed Data
OBX.5-CWE	Observation Value		
OBX.5-CWE.1	Identifier		
OBX.5-CWE.2	Text	headache, nausea and an inability to walk	Changeable Data
OBX.5-CWE.3	Name of Coding System		
OBX.5-CWE.4	Alternate Identifier		
OBX.5-CWE.5	Alternate Text		
OBX.5-CWE.6	Name of Alternate Coding System		
OBX.5-CWE.9	Original Text		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.3	Name of Coding System		
OBX.11	Observation Result Status	F	Test Case Fixed Data

DG1 : Diagnosis Segment

Location	Data Element	Data	Categorization
<b>DG1.1</b>	<b>Set ID - DG1</b>	1	IG Fixed Data
<b>DG1.3</b>	<b>Diagnosis Code - DG1</b>		
DG1.3.1	Identifier	80145	Test Case Fixed Data
DG1.3.2	Text	Closed fracture of base of skull with intracranial injury of other and unspecified nature, with prolonged [more than 24 hours] loss of consciousness, without return to pre-existing conscious level	Changeable Data
DG1.3.3	Name of Coding System	I9CDX	IG Fixed Data
<b>DG1.6</b>	<b>Diagnosis Type</b>	W	Test Case Fixed Data

# HL7 Message

MSH|^~\&|WstrnRgnlMedCntr^1231231235^NPI||201207172000||ADT^A08^ADT\_A01|NIST-SS-002.21|P|2.5.1|||||PH\_SS-NoAck^SS  
Sender^2.16.840.1.114222.4.10.3^ISO

EVN||201207172000||||WstrnRgnlMedCntr^1231231235^NPI

PID|1||222^^^MR||^-----^S||F||2106-3^^CDCREC|^60601

PV1|1|||||20120709\_0064^^^VN|||||201207171730

OBX|1|CWE|SS003^^PHINQUESTION||170300000X^Emergency Care^NUCC||||F

OBX|2|NM|21612-7^^LN||35|a^^UCUM||||F

OBX|3|CWE|8661-1^^LN||^headache, nausea and an inability to walk||||F

DG1|1||80145^Closed fracture of base of skull with intracranial injury of other and unspecified nature, with prolonged [more than 24  
hours] loss of consciousness, without return to pre-existing conscious level^I9CDX||W

*Note: the message contains newlines within the segment and between segments for display purposes. When copying for use in applications the newlines will need to be removed.*

# **Syndromic Test Case SS\_2\_3.1**

**Patient Dies - Discharge**

**Step3**

**A03 Message**

# Test Story

## Description

At 5:41 pm, the patient dies. Final diagnosis is head injury NOS with loss of consciousness, ICD9CM 850.1-850.5. Western Regional Medical Center reports Syndromic surveillance data to the state health authorities every 2 hours. The hospital's electronic health record module for Syndromic surveillance data assembles and transmits three messages related to this encounter. Final Discharge message is sent at 10 PM on July 17, 2012.

## Pre Condition

A08-Update message is sent before the A03-Discharge message.

## Post Condition

NO PostCondition.

## Test Objectives

This test case examines an EHR module's ability to create ADT A03-Discharge message, within the parameters of the PHIN Messaging Guide's conformance requirements. This Test Case provides an example of an ED visit where the patient's demographic information is unavailable at registration, reason for visit is captured as a coded value, ICD-9 ECODEs are captured as part of the working and final diagnoses and patient death information must be sent to the health department.

## Notes to Testers

NO Note.

# Test Data Specification

## Patient Information

Element Name	Data
Name	Coded Pseudo-Name to ensure anonymity
Gender	Female
Race	White
Ethnic Group	
Zip Code	60601
County/Parish Code	
Patient Death Date and Time	07/17/2012 17:41 p.m.

## Visit Information

Element Name	Data
Admit Date and Time	07/17/2012 17:30 p.m.
Discharge Disposition	Expired
Diagnosis Type	Final
Diagnosis	Brain death

## Observation Results Information

Element Name	Data
Observation Identifier	Facility / Visit Type
Observation Value	Emergency Care
Units	
Observation Results Status	Final results; Can only be changed with a corrected result.

## Observation Results Information

Element Name	Data
Observation Identifier	Age Time Patient Reported
Observation Value	35
Units	year
Observation Results Status	Final results; Can only be changed with a corrected result.

### Observation Results Information

Element Name	Data
Observation Identifier	Chief complaint:Find:Pt:Patient:Nom:Reported
Observation Value	headache, nausea and an inability to walk
Units	
Observation Results Status	Final results; Can only be changed with a corrected result.



# Message Content Data Sheet

## Test Case Information

Patient Dies - Discharge	
Test Case ID	SS_2_3.1-A03

## MSH : Message Header Segment

Location	Data Element	Data	Categorization
MSH.1	Field Separator		IG Fixed Data
MSH.2	Encoding Characters	^~\&	IG Fixed Data
MSH.4	Sending Facility		
MSH.4.1	Namespace ID	WstrnRgnlMedCntr	Configurable Data
MSH.4.2	Universal ID	1231231235	Configurable Data
MSH.4.3	Universal ID Type	NPI	Configurable Data
MSH.7	Date/Time Of Message		
MSH.7.1	Time	201207172200	Changeable Data
MSH.9	Message Type		
MSH.9.1	Message Code	ADT	IG Fixed Data
MSH.9.2	Event Type	A03	IG Fixed Data
MSH.9.3	Message Structure	ADT_A03	IG Fixed Data
MSH.10	Message Control ID	NIST-SS-TC-XXX.XX	Changeable Data
MSH.11	Processing ID		
MSH.11.1	Processing ID	P	Changeable Data
MSH.12	VersionID		
MSH.12.1	Version ID	2.5.1	IG Fixed Data
MSH.21	Message Profile Identifier		
MSH.21.1	Entity Identifier	PH_SS-NoAck	IG Fixed Data
MSH.21.2	Namespace ID	SS Sender	IG Fixed Data
MSH.21.3	Universal ID	2.16.840.1.114222.4.10.3	IG Fixed Data
MSH.21.4	Universal ID Type	ISO	IG Fixed Data

EVN : Event Type Segment

Location	Data Element	Data	Categorization
<b>EVN.2</b>	<b>Recorded Date/Time</b>		
EVN.2.1	Time	201207172200	Changeable Data
<b>EVN.7</b>	<b>Event Facility</b>		
EVN.7.1	Namespace ID	WstrnRgnlMedCntr	Configurable Data
EVN.7.2	Universal ID	1231231235	Configurable Data
EVN.7.3	Universal ID Type	NPI	Configurable Data

PID : Patient Identification Segment

Location	Data Element	Data	Categorization
<b>PID.1</b>	<b>Set ID - PID</b>	1	IG Fixed Data
<b>PID.3</b>	<b>Patient Identifier List</b>		
PID.3.1	ID Number	222	Changeable Data
PID.3.5	Identifier Type Code	MR	Changeable Data
<b>PID.5[1]</b>	<b>Patient Name</b>		
PID.5[1].7	Name Type Code		
<b>PID.5[2]</b>	<b>Patient Name</b>		
PID.5[2].7	Name Type Code	S	Changeable Data
<b>PID.8</b>	<b>Administrative Sex</b>	F	Test Case Fixed Data
<b>PID.10</b>	<b>Race</b>		
PID.10.1	Identifier	2106-3	Changeable Data
PID.10.3	Name of Coding System	CDCREC	Changeable Data
<b>PID.11</b>	<b>Patient Address</b>		
PID.11.5	Zip or Postal Code	60601	Test Case Fixed Data
PID.11.9	County/Parish Code		
<b>PID.22</b>	<b>Ethnic Group</b>		
PID.22.1	Identifier		
PID.22.3	Name of Coding System		
<b>PID.29</b>	<b>Patient Death Date and Time</b>		
PID.29.1	Time	201207171741	Changeable Data
<b>PID.30</b>	<b>Patient Death Indicator</b>	Y	IG Fixed Data

PV1 : Patient Visit information

Location	Data Element	Data	Categorization
<b>PV1.1</b>	<b>Set ID - PV1</b>	1	IG Fixed Data
<b>PV1.19</b>	<b>Visit Number</b>		
PV1.19.1	ID Number	20120709_0064	Changeable Data
PV1.19.5	Identifier Type Code	VN	IG Fixed Data
<b>PV1.36</b>	<b>Discharge Disposition</b>	20	Test Case Fixed Data
<b>PV1.44</b>	<b>Admit Date/Time</b>		
PV1.44.1	Time	201207171730	Changeable Data

DG1 : Diagnosis Segment

Location	Data Element	Data	Categorization
<b>DG1.1</b>	<b>Set ID - DG1</b>	1	IG Fixed Data
<b>DG1.3</b>	<b>Diagnosis Code - DG1</b>		
DG1.3.1	Identifier	34882	Test Case Fixed Data
DG1.3.2	Text	Brain death	Changeable Data
DG1.3.3	Name of Coding System	I9CDX	IG Fixed Data
<b>DG1.6</b>	<b>Diagnosis Type</b>	F	Test Case Fixed Data

OBX : Observation/Result Segment

Location	Data Element	Data	Categorization
<b>OBX.1</b>	<b>Set ID</b>	1	IG Fixed Data
<b>OBX.2</b>	<b>Value Type</b>	CWE	Test Case Fixed Data
<b>OBX.3</b>	<b>Observation Identifier</b>		
OBX.3.1	Identifier	SS003	Test Case Fixed Data
OBX.3.3	Name of Coding System	PHINQUESTION	Test Case Fixed Data
<b>OBX.5-CWE</b>	<b>Observation Value</b>		
OBX.5-CWE.1	Identifier	170300000X	Test Case Fixed Data
OBX.5-CWE.2	Text	Emergency Care	Changeable Data
OBX.5-CWE.3	Name of Coding System	NUCC	Test Case Fixed Data
OBX.5-CWE.4	Alternate Identifier		
OBX.5-CWE.5	Alternate Text		
OBX.5-CWE.6	Name of Alternate Coding System		
OBX.5-CWE.9	Original Text		
<b>OBX.6</b>	<b>Units</b>		
OBX.6.1	Identifier		
OBX.6.3	Name of Coding System		
<b>OBX.11</b>	<b>Observation Result Status</b>	F	Test Case Fixed Data

OBX : Observation/Result Segment

Location	Data Element	Data	Categorization
<b>OBX.1</b>	<b>Set ID</b>	2	IG Fixed Data
<b>OBX.2</b>	<b>Value Type</b>	NM	Test Case Fixed Data
<b>OBX.3</b>	<b>Observation Identifier</b>		
OBX.3.1	Identifier	21612-7	Test Case Fixed Data
OBX.3.3	Name of Coding System	LN	Test Case Fixed Data
<b>OBX.5</b>	<b>Observation Value</b>	35	Test Case Fixed Data
<b>OBX.6</b>	<b>Units</b>		
OBX.6.1	Identifier	a	Test Case Fixed Data
OBX.6.3	Name of Coding System	UCUM	Test Case Fixed Data
<b>OBX.11</b>	<b>Observation Result Status</b>	F	Test Case Fixed Data

OBX : Observation/Result Segment

Location	Data Element	Data	Categorization
<b>OBX.1</b>	<b>Set ID</b>	3	IG Fixed Data
<b>OBX.2</b>	<b>Value Type</b>	CWE	Test Case Fixed Data
<b>OBX.3</b>	<b>Observation Identifier</b>		
OBX.3.1	Identifier	8661-1	Test Case Fixed Data
OBX.3.3	Name of Coding System	LN	Test Case Fixed Data
<b>OBX.5-CWE</b>	<b>Observation Value</b>		
OBX.5-CWE.1	Identifier		
OBX.5-CWE.2	Text	headache, nausea and an inability to walk	Changeable Data
OBX.5-CWE.3	Name of Coding System		
OBX.5-CWE.4	Alternate Identifier		
OBX.5-CWE.5	Alternate Text		
OBX.5-CWE.6	Name of Alternate Coding System		
OBX.5-CWE.9	Original Text		
<b>OBX.6</b>	<b>Units</b>		
OBX.6.1	Identifier		
OBX.6.3	Name of Coding System		
<b>OBX.11</b>	<b>Observation Result Status</b>	F	Test Case Fixed Data

# HL7 Message

MSH|^~\&|WstrnRgnlMedCntr^1231231235^NPI||201207172200||ADT^A03^ADT\_A03|NIST-SS-002.31|P|2.5.1|||||PH\_SS-NoAck^SS  
Sender^2.16.840.1.114222.4.10.3^ISO

EVN||201207172200||||WstrnRgnlMedCntr^1231231235^NPI

PID|1||222^^^MR||^-----^S||F||2106-3^^CDCREC|^60601|||||201207171741|Y

PV1|1|||||20120709\_0064^^^VN|||||20|||201207171730

DG1|1||34882^Brain death^I9CDX|||F

OBX|1|CWE|SS003^^PHINQUESTION||170300000X^Emergency Care^NUCC|||||F

OBX|2|NM|21612-7^^LN||35|a^^UCUM|||||F

OBX|3|CWE|8661-1^^LN||^headache, nausea and an inability to walk|||||F

*Note: the message contains newlines within the segment and between segments for display purposes. When copying for use in applications the newlines will need to be removed.*