

Description

Ms Hettie Nguyen is a 17 year old Asian-American female patient accompanied by her mother who presents to her pediatrician, Dr Ellen Yu for weakness, wt loss, and fatigue. Dr Yu orders a Complete Metabolic Profile (CMP), a Comprehensive Blood Count (CBC) and a TSH test from Century Hospital's clinical laboratory as part of her basic work up for her patient. The laboratory tests are ordered through Dr Yu's EHR and the patient is instructed to visit the laboratory's patient service center the next day after fasting overnight.

PreCondition

No Pre Condition

PostCondition

No Post Condition

TestObjectives

- Demonstrate capability support the PRN Profile to create identifiers in OBR-2 and ORC-2 (Placer Order Number) that along with the OBR-4 (Universal Service Identifier) uniquely identify the order.
- Demonstrate the capability to support an individual as Guardian/Associated Party in the Next Of Kin Segment (NK1).
- Demonstrate the capability to support Timing_Qty Group and Timing/Quantity Segment (TQ1).
- Demonstrate the capability to correctly populate TQ1 for future order.
- Maximally populated PID Segment - Demonstrate the capability of the EHR to support all supported data elements including repeating elements in the PID segment (PID-29 and PID-30 are exceptions. There are currently no test stories that support these elements).
- Maximally populated NK1 Segment - Demonstrate the capability of the EHR to support all supported data elements including repeating elements in the NK1 segment (NK1-11 and NK1-13 are exceptions, NK1-13 is maximally populated in Test case LOI_5, NK1-11 is not tested) - tested to upper limit of cardinality.
- Maximally populated TQ1 Segment - Demonstrate the capability of the EHR to support all supported data elements including repeating elements in the TQ1 segment.

Test Case Information

NIST-LOI_7.0_1.1-NG_PRN - GHP

Test Case ID

LOI_7.0_1.1-NG_PRN

MSH

Location	Data Element	Data	Categorization
MSH.1	Field Separator		IG Fixed Data
MSH.2	Encoding Characters	^~&#	IG Fixed Data
MSH.3	Sending Application		
MSH.3.1	Namespace ID	NIST EHR	Configurable Data
MSH.4	Sending Facility		
MSH.4.1	Namespace ID	NIST EHR Facility	Configurable Data
MSH.5	Receiving Application		
MSH.5.1	Namespace ID	NIST Test Lab APP	Configurable Data
MSH.6	Receiving Facility		
MSH.6.1	Namespace ID	NIST Lab Facility	Configurable Data
MSH.7	Date/Time Of Message		
MSH.7.1	Time	20130211184101-0500	System Generated
MSH.9	Message Type		
MSH.9.1	Message Code	OML	IG Fixed Data
MSH.9.2	Trigger Event	O21	IG Fixed Data
MSH.9.3	Message Structure	OML_O21	IG Fixed Data
MSH.10	Message Control ID	NIST-LOI_7.0_1.1-NG_PRN	System Generated
MSH.11	Processing ID		
MSH.11.1	Processing ID	T	Changeable Data
MSH.12	Version ID		
MSH.12.1	Version ID	2.5.1	IG Fixed Data
MSH.15	Accept Acknowledgment Type	AL	IG Fixed Data
MSH.16	Application Acknowledgment Type	AL	Changeable Data
MSH.21	Message Profile Identifier		
MSH.21.1	Entity Identifier	LOI_NG_PRN_Profile	Test Case Fixed Data
MSH.21.2	Namespace ID	LOI Base + PRN + NG	Changeable Data
MSH.21.3	Universal ID	2.16.840.1.113883.9.88	Test Case Fixed Data
MSH.21.4	Universal ID Type	ISO	IG Fixed Data

PID

Location	Data Element	Data	Categorization
PID.1	Set ID - PID	1	IG Fixed Data
PID.3	Patient Identifier List		
PID.3.1	ID Number	PATID70	Configurable Data
PID.3.4	Assigning Authority		
PID.3.4.1	Namespace ID	NIST MPI	Configurable Data
PID.3.5	Identifier Type Code	MR	Changeable Data
PID.3[2]	Patient Identifier List		
PID.3[2].1	ID Number	000-00-0000	Configurable Data
PID.3[2].4	Assigning Authority		
PID.3[2].4.1	Namespace ID	SSN	Configurable Data
PID.3[2].5	Identifier Type Code	SS	Changeable Data
PID.5	Patient Name		
PID.5.1	Family Name		
PID.5.1.1	Surname	Nguyen	Changeable Data
PID.5.2	Given Name	Thuy	Changeable Data
PID.5.3	Second and Further Given Names or Initials Thereof	Thi	Changeable Data
PID.5.4	Suffix (e.g., JR or III)	III	Changeable Data

PID.5.7	Name Type Code		
Location	Data Element	Data	Categorization
PID.7	Date/Time of Birth		
PID.7.1	Date/Time	19951010	Changeable Data
PID.8	Administrative Sex	F	Changeable Data
PID.10	Race		
PID.10.1	Identifier	2028-9	Changeable Data
PID.10.2	Text	Asian	Changeable Data
PID.10.3	Name of Coding System	HL70005	IG Fixed Data
PID.10.7	Coding System Version ID	2.5.1	Changeable Data
PID.10.9	Original Text	Asian	Changeable Data
PID.10[2]	Race		
PID.10[2].1	Identifier	2076-8	Changeable Data
PID.10[2].2	Text	Native Hawaiian or Other Pacific Islander	Changeable Data
PID.10[2].3	Name of Coding System	HL70005	IG Fixed Data
PID.10[2].7	Coding System Version ID	2.5.1	Changeable Data
PID.10[2].9	Original Text	Other Race	Changeable Data
PID.11	Patient Address		
PID.11.1	Street Address		
PID.11.1.1	Street or Mailing Address	1447 North Mar Vista	Changeable Data
PID.11.2	Other Designation	Apt 2	Changeable Data
PID.11.3	City	Pasadena	Changeable Data
PID.11.4	State or Province	CA	Changeable Data
PID.11.5	Zip or Postal Code	91104	Changeable Data
PID.11.6	Country Code	USA	Changeable Data
PID.11.7	Address Type	H	Test Case Fixed Data
PID.11[2]	Patient Address		
PID.11[2].1	Street Address		
PID.11[2].1.1	Street or Mailing Address	25 West Mission Rd	Changeable Data
PID.11[2].2	Other Designation	Apt 2c	Changeable Data
PID.11[2].3	City	Alhambra	Changeable Data
PID.11[2].4	State or Province	CA	Changeable Data
PID.11[2].5	Zip or Postal Code	91801	Changeable Data
PID.11[2].6	Country Code	USA	Changeable Data
PID.11[2].7	Address Type	H	Changeable Data
PID.22	Ethnic Group		
PID.22.1	Identifier	N	Changeable Data
PID.22.2	Text	Not Hispanic or Latino	Changeable Data
PID.22.3	Name of Coding System	HL70189	IG Fixed Data
PID.22.7	Coding System Version ID	2.5.1	Changeable Data
PID.22.9	Original Text	Not Hispanic or Latino	Changeable Data
PID.30	Patient Death Indicator	N	Changeable Data

NK1

Location	Data Element	Data	Categorization
NK1.1	Set ID - NK1	1	IG Fixed Data
NK1.2	Name		
NK1.2.1	Family Name		
NK1.2.1.1	Surname	Nguyen	Changeable Data
NK1.2.2	Given Name	Thuy	Changeable Data
NK1.2.3	Second and Further Given Names or Initials Thereof	Thi	Changeable Data
NK1.2.4	Suffix (e.g., JR or III)	I	Changeable Data
NK1.2.7	Name Type Code	L	Changeable Data
NK1.3	Relationship		
NK1.3.1	Identifier	MTH	Changeable Data
NK1.3.2	Text	Mother	Changeable Data
NK1.3.3	Name of Coding System	HL70063	IG Fixed Data

Location	Data Element	Data	Categorization
NK1.3.7	Coding System Version ID	2.5.1	Changeable Data
NK1.3.9	Original Text	Mother	Changeable Data
NK1.4	Address		
NK1.4.1	Street Address		
NK1.4.1.1	Street or Mailing Address	1447 North Mar Vista	Changeable Data
NK1.4.2	Other Designation	Apt 2	Changeable Data
NK1.4.3	City	Pasadena	Changeable Data
NK1.4.4	State or Province	CA	Changeable Data
NK1.4.5	Zip or Postal Code	91104	Changeable Data
NK1.4.6	Country Code	USA	Changeable Data
NK1.4.7	Address Type	H	Changeable Data
NK1.4[2]	Address		
NK1.4[2].1	Street Address		
NK1.4[2].1.1	Street or Mailing Address	25 West Mission Rd	Changeable Data
NK1.4[2].2	Other Designation	Apt 2c	Changeable Data
NK1.4[2].3	City	Alhambra	Changeable Data
NK1.4[2].4	State or Province	CA	Changeable Data
NK1.4[2].5	Zip or Postal Code	91801	Changeable Data
NK1.4[2].6	Country Code	USA	Changeable Data
NK1.4[2].7	Address Type	H	Changeable Data
NK1.5	Phone Number		
NK1.5.3	Telecommunication Equipment Type	PH	Test Case Fixed Data
NK1.5.6	Area/City Code	626	Changeable Data
NK1.5.7	Local Number	5555555	Changeable Data
NK1.5.8	Extension	1	Changeable Data
NK1.5[2]	Phone Number		
NK1.5[2].3	Telecommunication Equipment Type	X.400	Test Case Fixed Data
NK1.5[2].4	Email Address	Moms@email.com	Changeable Data
NK1.5[3]	Phone Number		
NK1.5[3].3	Telecommunication Equipment Type	X.400	Test Case Fixed Data
NK1.5[3].4	Email Address	Dads@email.com	Changeable Data
NK1.5[4]	Phone Number		
NK1.5[4].3	Telecommunication Equipment Type	PH	Test Case Fixed Data
NK1.5[4].6	Area/City Code	626	Changeable Data
NK1.5[4].7	Local Number	4665599	Changeable Data
NK1.7	Contact Role		
NK1.7.1	Identifier	N	Changeable Data
NK1.7.2	Text	Next-of-Kin	Changeable Data
NK1.7.3	Name of Coding System	HL70131	IG Fixed Data
NK1.7.7	Coding System Version ID	2.5.1	Changeable Data
NK1.7.9	Original Text	Next of Kin	Changeable Data
NK1.11	Next of Kin / Associated Parties Job Code/Class		
NK1.11.3	Job Description Text	Laboratory Technician	Changeable Data

NK1

Location	Data Element	Data	Categorization
NK1.1	Set ID - NK1	2	IG Fixed Data
NK1.2	Name		
NK1.2.1	Family Name		
NK1.2.1.1	Surname	Nguyen	Changeable Data
NK1.2.2	Given Name	Tran	Changeable Data
NK1.2.3	Second and Further Given Names or Initials Thereof	Van	Changeable Data
NK1.2.4	Suffix (e.g., JR or III)	II	Changeable Data
NK1.2.7	Name Type Code	L	Changeable Data
NK1.3	Relationship		

NK1.3.1	Location	Identifier	Data Element	FTH	Data	Changeable Data	Categorization
NK1.3.2		Text		Father		Changeable Data	
NK1.3.3		Name of Coding System		HL70063		IG Fixed Data	
NK1.3.7		Coding System Version ID		2.5.1		Changeable Data	
NK1.3.9		Original Text		Father		Changeable Data	
NK1.4		Address					
NK1.4.1		Street Address					
NK1.4.1.1		Street or Mailing Address		25 West Mission Rd		Changeable Data	
NK1.4.2		Other Designation		Apt 2c		Changeable Data	
NK1.4.3		City		Alhambra		Changeable Data	
NK1.4.4		State or Province		CA		Changeable Data	
NK1.4.5		Zip or Postal Code		91801		Changeable Data	
NK1.4.6		Country Code		USA		Changeable Data	
NK1.4.7		Address Type		H		Changeable Data	
NK1.4[2]		Address					
NK1.4[2].1		Street Address					
NK1.4[2].1.1		Street or Mailing Address		1447 North Mar Vista		Changeable Data	
NK1.4[2].2		Other Designation		Apt 2		Changeable Data	
NK1.4[2].3		City		Pasadena		Changeable Data	
NK1.4[2].4		State or Province		CA		Changeable Data	
NK1.4[2].5		Zip or Postal Code		91104		Changeable Data	
NK1.4[2].6		Country Code		USA		Changeable Data	
NK1.4[2].7		Address Type		H		Changeable Data	
NK1.5		Phone Number					
NK1.5.3		Telecommunication Equipment Type		PH		Test Case Fixed Data	
NK1.5.6		Area/City Code		626		Changeable Data	
NK1.5.7		Local Number		5555556		Changeable Data	
NK1.5.8		Extension		2		Changeable Data	
NK1.5[2]		Phone Number					
NK1.5[2].3		Telecommunication Equipment Type		X.400		Test Case Fixed Data	
NK1.5[2].4		Email Address		Dads@email.com		Changeable Data	
NK1.5[3]		Phone Number					
NK1.5[3].3		Telecommunication Equipment Type		X.400		Test Case Fixed Data	
NK1.5[3].4		Email Address		Moms@email.com		Changeable Data	
NK1.5[4]		Phone Number					
NK1.5[4].3		Telecommunication Equipment Type		PH		Test Case Fixed Data	
NK1.5[4].6		Area/City Code		626		Changeable Data	
NK1.5[4].7		Local Number		3455555		Changeable Data	
NK1.7		Contact Role					
NK1.7.1		Identifier		N		Changeable Data	
NK1.7.2		Text		Next-of-Kin		Changeable Data	
NK1.7.3		Name of Coding System		HL70131		IG Fixed Data	
NK1.7.7		Coding System Version ID		2.5.1		Changeable Data	
NK1.7.9		Original Text		Next of Kin		Changeable Data	
NK1.11		Next of Kin / Associated Parties Job Code/Class					
NK1.11.3		Job Description Text		Laboratory Technician		Changeable Data	

ORC

Location	Data Element	Data	Categorization
ORC.1	Order Control	NW	Test Case Fixed Data
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier	ORD70	Changeable Data
ORC.2.2	Namespace ID	NIST EHR	Configurable Data
ORC.4	Placer Group Number		
ORC.4.1	Entity Identifier	GRP7	Changeable Data
ORC.4.2	Namespace ID	NIST EHR	Configurable Data

Location	Data Element	Data	Categorization
ORC.9.1	Time	201302191530	System Generated
ORC.12	Ordering Provider		
ORC.12.1	ID Number	2554560005	Changeable Data
ORC.12.2	Family Name		
ORC.12.2.1	Surname	Yu	Changeable Data
ORC.12.3	Given Name	Ellen	Changeable Data
ORC.12.9	Assigning Authority		
ORC.12.9.1	Namespace ID	NPI	Configurable Data
ORC.12.10	Name Type Code	L	Changeable Data
ORC.12.13	Identifier Type Code	NPI	Changeable Data
ORC.14	Call Back Phone Number		
ORC.14.3	Telecommunication Equipment Type	PH	Test Case Fixed Data
ORC.14.6	Area/City Code	626	Changeable Data
ORC.14.7	Local Number	5555555	Changeable Data

TQ1

Location	Data Element	Data	Categorization
TQ1.1	Set ID - TQ1	1	IG Fixed Data
TQ1.7	Start date/time		
TQ1.7.1	Date/Time	20130220	Changeable Data
TQ1.8	End date/time		
TQ1.8.1	Date/Time	20130319	Changeable Data
TQ1.9	Priority		
TQ1.9.1	Identifier	F	Changeable Data
TQ1.9.2	Text	Future Order	Changeable Data
TQ1.9.3	Name of Coding System	99USL	IG Fixed Data
TQ1.9.9	Original Text	Future Order	Changeable Data

OBR

Location	Data Element	Data	Categorization
OBR.1	Set ID - OBR	1	IG Fixed Data
OBR.2	Placer Order Number		
OBR.2.1	Entity Identifier	ORD70	Changeable Data
OBR.2.2	Namespace ID	NIST EHR	Configurable Data
OBR.4	Universal Service Identifier		
OBR.4.1	Identifier	100	Test Case Fixed Data
OBR.4.2	Text	CMP	Changeable Data
OBR.4.3	Name of Coding System	99USL	Test Case Fixed Data
OBR.4.4	Alternate Identifier	24323-8	Test Case Fixed Data
OBR.4.5	Alternate Text	Comprehensive metabolic 2000 panel - Serum or Plasma	Changeable Data
OBR.4.6	Name of Alternate Coding System	LN	Changeable Data
OBR.4.7	Coding System Version ID	20130421	Changeable Data
OBR.4.9	Original Text	CMP	Changeable Data
OBR.16	Ordering Provider		
OBR.16.1	ID Number	2554560005	Changeable Data
OBR.16.2	Family Name		
OBR.16.2.1	Surname	Yu	Changeable Data
OBR.16.3	Given Name	Ellen	Changeable Data
OBR.16.9	Assigning Authority		
OBR.16.9.1	Namespace ID	NPI	Configurable Data
OBR.16.10	Name Type Code	L	Changeable Data
OBR.16.13	Identifier Type Code	NPI	Changeable Data
OBR.17	Order Call-back Phone Number		
OBR.17.3	Telecommunication Equipment Type	PH	Test Case Fixed Data
OBR.17.6	Area/City Code	626	Changeable Data

OBR 17.7	Local Number	Data Element	5555555	Data	Changeable Data	Categorization
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DG1

Location	Data Element	Data	Categorization
DG1.1	Set ID - DG1	1	IG Fixed Data
DG1.3	Diagnosis Code - DG1		
DG1.3.1	Identifier	E05.90	Test Case Fixed Data
DG1.3.2	Text	Hyperthyroidism (latent) (pre-adult) (recurrent)	Changeable Data
DG1.3.3	Name of Coding System	I10C	Test Case Fixed Data
DG1.6	Diagnosis Type	W	Changeable Data
DG1.15	Diagnosis Priority	1	Changeable Data

DG1

Location	Data Element	Data	Categorization
DG1.1	Set ID - DG1	2	IG Fixed Data
DG1.3	Diagnosis Code - DG1		
DG1.3.1	Identifier	R53.83	Test Case Fixed Data
DG1.3.2	Text	Other fatigue	Changeable Data
DG1.3.3	Name of Coding System	I10C	Test Case Fixed Data
DG1.6	Diagnosis Type	F	Changeable Data
DG1.15	Diagnosis Priority	2	Changeable Data

DG1

Location	Data Element	Data	Categorization
DG1.1	Set ID - DG1	3	IG Fixed Data
DG1.3	Diagnosis Code - DG1		
DG1.3.1	Identifier	R63.4	Test Case Fixed Data
DG1.3.2	Text	abnormal weight loss	Changeable Data
DG1.3.3	Name of Coding System	I10C	Test Case Fixed Data
DG1.6	Diagnosis Type	F	Changeable Data
DG1.15	Diagnosis Priority	3	Changeable Data

ORC

Location	Data Element	Data	Categorization
ORC.1	Order Control	NW	Test Case Fixed Data
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier	ORD70	Changeable Data
ORC.2.2	Namespace ID	NIST EHR	Configurable Data
ORC.4	Placer Group Number		
ORC.4.1	Entity Identifier	GRP7	Changeable Data
ORC.4.2	Namespace ID	NIST EHR	Configurable Data
ORC.9	Date/Time of Transaction		
ORC.9.1	Time	201302191530	System Generated
ORC.12	Ordering Provider		
ORC.12.1	ID Number	2554560005	Changeable Data
ORC.12.2	Family Name		
ORC.12.2.1	Surname	Yu	Changeable Data
ORC.12.3	Given Name	Ellen	Changeable Data
ORC.12.9	Assigning Authority		
ORC.12.9.1	Namespace ID	NPI	Configurable Data
ORC.12.10	Name Type Code	L	Changeable Data
ORC.12.13	Identifier Type Code	NPI	Changeable Data
ORC.14	Call Back Phone Number		
ORC.14.3	Telecommunication Equipment Type	PH	Test Case Fixed Data
ORC.14.6	Area/City Code	626	Changeable Data
ORC.14.7	Local Number	5555555	Changeable Data

TQ1

Location	Data Element	Data	Categorization
TQ1.1	Set ID - TQ1	1	IG Fixed Data
TQ1.7	Start date/time		
TQ1.7.1	Date/Time	20130220	Changeable Data
TQ1.8	End date/time		
TQ1.8.1	Date/Time	20130319	Changeable Data
TQ1.9	Priority		
TQ1.9.1	Identifier	F	Changeable Data
TQ1.9.2	Text	Future Order	Changeable Data
TQ1.9.3	Name of Coding System	99USL	IG Fixed Data
TQ1.9.9	Original Text	Future Order	Changeable Data

OBR

Location	Data Element	Data	Categorization
OBR.1	Set ID - OBR	2	IG Fixed Data
OBR.2	Placer Order Number		
OBR.2.1	Entity Identifier	ORD70	Changeable Data
OBR.2.2	Namespace ID	NIST EHR	Configurable Data
OBR.4	Universal Service Identifier		
OBR.4.1	Identifier	200	Test Case Fixed Data
OBR.4.2	Text	CBC_diff	Changeable Data
OBR.4.3	Name of Coding System	99USL	Test Case Fixed Data
OBR.4.4	Alternate Identifier	57021-8	Test Case Fixed Data
OBR.4.5	Alternate Text	CBC W Auto Differential panel in Blood	Changeable Data
OBR.4.6	Name of Alternate Coding System	LN	Changeable Data
OBR.4.7	Coding System Version ID	20130421	Changeable Data
OBR.4.9	Original Text	Complete Blood Count	Changeable Data
OBR.16	Ordering Provider		
OBR.16.1	ID Number	2554560005	Changeable Data
OBR.16.2	Family Name		
OBR.16.2.1	Surname	Yu	Changeable Data
OBR.16.3	Given Name	Ellen	Changeable Data
OBR.16.9	Assigning Authority		
OBR.16.9.1	Namespace ID	NPI	Configurable Data
OBR.16.10	Name Type Code	L	Changeable Data
OBR.16.13	Identifier Type Code	NPI	Changeable Data
OBR.17	Order Call-back Phone Number		
OBR.17.3	Telecommunication Equipment Type	PH	Test Case Fixed Data
OBR.17.6	Area/City Code	626	Changeable Data
OBR.17.7	Local Number	5555555	Changeable Data

DG1

Location	Data Element	Data	Categorization
DG1.1	Set ID - DG1	1	IG Fixed Data
DG1.3	Diagnosis Code - DG1		
DG1.3.1	Identifier	R53.83	Test Case Fixed Data
DG1.3.2	Text	Other fatigue	Changeable Data
DG1.3.3	Name of Coding System	I10C	Test Case Fixed Data
DG1.6	Diagnosis Type	F	Changeable Data
DG1.15	Diagnosis Priority	1	Changeable Data

ORC

Location	Data Element	Data	Categorization
ORC.1	Order Control	NW	Test Case Fixed Data
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier	ORD70	Changeable Data

Location	Data Element	Data	Categorization
ORC.4	Placer Group Number		
ORC.4.1	Entity Identifier	GRP7	Changeable Data
ORC.4.2	Namespace ID	NIST EHR	Configurable Data
ORC.9	Date/Time of Transaction		
ORC.9.1	Time	201302191530	System Generated
ORC.12	Ordering Provider		
ORC.12.1	ID Number	2554560005	Changeable Data
ORC.12.2	Family Name		
ORC.12.2.1	Surname	Yu	Changeable Data
ORC.12.3	Given Name	Ellen	Changeable Data
ORC.12.9	Assigning Authority		
ORC.12.9.1	Namespace ID	NPI	Configurable Data
ORC.12.10	Name Type Code	L	Changeable Data
ORC.12.13	Identifier Type Code	NPI	Changeable Data
ORC.14	Call Back Phone Number		
ORC.14.3	Telecommunication Equipment Type	PH	Test Case Fixed Data
ORC.14.6	Area/City Code	626	Changeable Data
ORC.14.7	Local Number	5555555	Changeable Data

TQ1

Location	Data Element	Data	Categorization
TQ1.1	Set ID - TQ1	1	IG Fixed Data
TQ1.7	Start date/time		
TQ1.7.1	Date/Time	20130220	Changeable Data
TQ1.8	End date/time		
TQ1.8.1	Date/Time	20130319	Changeable Data
TQ1.9	Priority		
TQ1.9.1	Identifier	F	Changeable Data
TQ1.9.2	Text	Future Order	Changeable Data
TQ1.9.3	Name of Coding System	99USL	IG Fixed Data
TQ1.9.9	Original Text	Future Order	Changeable Data

OBR

Location	Data Element	Data	Categorization
OBR.1	Set ID - OBR	3	IG Fixed Data
OBR.2	Placer Order Number		
OBR.2.1	Entity Identifier	ORD70	Changeable Data
OBR.2.2	Namespace ID	NIST EHR	Configurable Data
OBR.4	Universal Service Identifier		
OBR.4.1	Identifier	700	Test Case Fixed Data
OBR.4.2	Text	TSH	Changeable Data
OBR.4.3	Name of Coding System	99USL	Test Case Fixed Data
OBR.4.4	Alternate Identifier	3016-3	Test Case Fixed Data
OBR.4.5	Alternate Text	Thyrotropin [Units/volume] in Serum or Plasma	Changeable Data
OBR.4.6	Name of Alternate Coding System	LN	Changeable Data
OBR.4.7	Coding System Version ID	20130421	Changeable Data
OBR.4.9	Original Text	TSH - Serum	Changeable Data
OBR.16	Ordering Provider		
OBR.16.1	ID Number	2554560005	Changeable Data
OBR.16.2	Family Name		
OBR.16.2.1	Surname	Yu	Changeable Data
OBR.16.3	Given Name	Ellen	Changeable Data
OBR.16.9	Assigning Authority		
OBR.16.9.1	Namespace ID	NPI	Configurable Data
OBR.16.10	Name Type Code	L	Changeable Data

OBR.16.13 Location	Identifier Type Code Data Element	NPI Data	Changeable Data Categorization
OBR.17	Order Call-back Phone Number		
OBR.17.3	Telecommunication Equipment Type	PH	Test Case Fixed Data
OBR.17.6	Area/City Code	626	Changeable Data
OBR.17.7	Local Number	5555555	Changeable Data

DG1

Location	Data Element	Data	Categorization
DG1.1	Set ID - DG1	1	IG Fixed Data
DG1.3	Diagnosis Code - DG1		
DG1.3.1	Identifier	E05.90	Test Case Fixed Data
DG1.3.2	Text	Hyperthyroidism (latent) (pre-adult) (recurrent)	Changeable Data
DG1.3.3	Name of Coding System	I10C	Test Case Fixed Data
DG1.6	Diagnosis Type	W	Changeable Data
DG1.15	Diagnosis Priority	1	Changeable Data

Patient Information

Element	Data
Patient Name	Thuy Thi Nguyen III
Administrative Sex	Female
Date/Time of Birth	10/10/1995
Patient Address	1447 North Mar Vista Apt 2 Pasadena CA 91104 USA
Patient Address	25 West Mission Rd Apt 2c Alhambra CA 91801 USA
Race	Asian
Race	Other Race
Ethnic group	Not Hispanic or Latino

Next of kin[*]**Next of kin information - 1**

Element	Data
Relationship	Mother
Name	Thuy Thi Nguyen I
Address	1447 North Mar Vista Apt 2 Pasadena CA 91104 USA
Address	25 West Mission Rd Apt 2c Alhambra CA 91801 USA
Phone number	(626)555 - 5555 ext 1
Email address	Moms@email.com
Email address	Dads@email.com
Phone number	(626)466 - 5599
Contact role	Next of Kin
Next of kin/Associated parties job code/Class	Laboratory Technician

Next of kin information - 2

Element	Data
Relationship	Father
Name	Tran Van Nguyen II
Address	25 West Mission Rd Apt 2c Alhambra CA 91801 USA
Address	1447 North Mar Vista Apt 2 Pasadena CA 91104 USA
Phone number	(626)555 - 5556 ext 2
Email address	Dads@email.com
Email address	Moms@email.com
Phone number	(626)345 - 5555
Contact role	Next of Kin
Next of kin/Associated parties job code/Class	Laboratory Technician

Order[*]**Order****Ordering Provider**

Element	Data
Provider Name	Ellen Yu
Provider NPI identifier	2554560005
Call Back Phone number	(626)555 - 5555

General order information

Element	Data
Placer Order Number	ORD70
Placer Group Number	GRP7
Order Control	NW
Date/Time of Transaction	02/19/2013 03:30 PM

Timing/Quantity Information

Element	Data
Start Date/time	02/20/2013
End date/time	03/19/2013
Priority	Future Order

Order details

Element	Data
Universal Service Identifier	CMP

Diagnosis information - 1

Element	Data
Priority	1
Diagnosis ICD-10CM Code	E05.90
Diagnosis type	W

Diagnosis information - 2

Element	Data
Priority	2
Diagnosis ICD-10CM Code	R53.83
Diagnosis type	F

Diagnosis information - 3

Element	Data
Priority	3
Diagnosis ICD-10CM Code	R63.4
Diagnosis type	F

Order**Ordering Provider**

Element	Data
Provider Name	Ellen Yu

Provider NPI identifier	2554560005
Call Back Phone number	(626)555 - 5555

General order information

Element	Data
Placer Order Number	ORD70
Placer Group Number	GRP7
Order Control	NW
Date/Time of Transaction	02/19/2013 03:30 PM

Timing/Quantity Information

Element	Data
Start Date/time	02/20/2013
End date/time	03/19/2013
Priority	Future Order

Order details

Element	Data
Universal Service Identifier	CBC_diff

Diagnosis information

Element	Data
Priority	1
Diagnosis ICD-10CM Code	R53.83
Diagnosis type	F

Order

Ordering Provider

Element	Data
Provider Name	Ellen Yu
Provider NPI identifier	2554560005
Call Back Phone number	(626)555 - 5555

General order information

Element	Data
Placer Order Number	ORD70
Placer Group Number	GRP7
Order Control	NW
Date/Time of Transaction	02/19/2013 03:30 PM

Timing/Quantity Information

Element	Data
Start Date/time	02/20/2013
End date/time	03/19/2013
Priority	Future Order

Order details

Element	Data
---------	------

Universal Service Identifier

TSH

Diagnosis information

Element

Data

Priority

1

Diagnosis ICD-10CM Code

E05.90

Diagnosis type

W

MSH|^~&#|NIST EHR|NIST EHR Facility|NIST Test Lab APP|NIST Lab Facility|20130211184101-0500||OML^O21^OML_O21|NIST-LOI_

7.0_1.1-NG_PRN|T|2.5.1||AL|AL||||LOI_NG_PRN_Profile^LOI Base + PRN + NG^2.16.840.1.113883.9.88^ISO

PID|1||PATID70^NIST MPI^MR~000-00-0000^SS^SS||Nguyen^Thuy^Thi^III^L||19951010|F||2028-9^Asian^HL70005^2.5.1^

Asian~2076-8^Native Hawaiian or Other Pacific Islander^HL70005^2.5.1^Other Race|1447 North Mar Vista^Apt 2^Pasadena^CA^91104^USA^H~25 West Mission Rd^Apt 2c^Alhambra^CA^91801^USA^H|||||||N^Not Hispanic or Latino^HL70189^2.5.1^Not Hispanic or Latino|||||||N

NK1|1|Nguyen^Thuy^Thi^I^L|MTH^Mother^HL70063^2.5.1^Mother|1447 North Mar Vista^Apt 2^Pasadena^CA^91104^USA^H~25 W

est Mission Rd^Apt

2c^Alhambra^CA^91801^USA^H|^PH^626^555555^1~X.400^Moms@email.com~X.400^Dads@email.com~PH^626^4665599||N^Next-of-Kin^HL70131^2.5.1^Next of Kin||||^Laboratory Technician

NK1|2|Nguyen^Tran^Van^II^L|FTH^Father^HL70063^2.5.1^Father|25 West Mission Rd^Apt 2c^Alhambra^CA^91801^USA^H~1447

North Mar Vista^Apt

2^Pasadena^CA^91104^USA^H|^PH^626^555555^2~X.400^Dads@email.com~X.400^Moms@email.com~PH^626^3455555||N^Next-of-Kin^HL70131^2.5.1^Next of Kin||||^Laboratory Technician

ORC|NW|ORD70^NIST EHR||GRP7^NIST EHR||||201302191530||2554560005^Yu^Ellen^NPI^L^NPI|^PH^626^555555

TQ1|1||||20130220|20130319|F^Future Order^99USL^Future Order

OBR|1|ORD70^NIST EHR||100^CMP^99USL^24323-8^Comprehensive metabolic 2000 panel - Serum or Plasma^LN^20130421^CMP||||

||||2554560005^Yu^Ellen^NPI^L^NPI|^PH^626^555555

DG1|1||E05.90^Hyperthyroidism (latent) (pre-adult) (recurrent)^I10C||W|||||1

DG1|2||R53.83^Other fatigue^I10C||F|||||2

DG1|3||R63.4^abnormal weight loss^I10C||F|||||3

ORC|NW|ORD70^NIST EHR||GRP7^NIST EHR||||201302191530||2554560005^Yu^Ellen^NPI^L^NPI|^PH^626^555555

TQ1|1||||20130220|20130319|F^Future Order^99USL^Future Order

OBR|2|ORD70^NIST EHR||200^CBC_diff^99USL^57021-8^CBC W Auto Differential panel in Blood^LN^20130421^Complete Blood Cou

nt|||||||2554560005^Yu^Ellen^NPI^L^NPI|^PH^626^555555

DG1|1||R53.83^Other fatigue^I10C||F|||||1

ORC|NW|ORD70^NIST EHR||GRP7^NIST EHR||||201302191530||2554560005^Yu^Ellen^NPI^L^NPI|^PH^626^555555

TQ1|1||||20130220|20130319|F^Future Order^99USL^Future Order

OBR|3|ORD70^NIST EHR||700^TSH^99USL^3016-3^Thyrotropin [Units/volume] in Serum or Plasma^LN^20130421^TSH - Serum||||

||||2554560005^Yu^Ellen^NPI^L^NPI|^PH^626^555555

DG1|1||E05.90^Hyperthyroidism (latent) (pre-adult) (recurrent)^I10C||W|||||1