Description

The EHR vendor loads demographic and social history data for Anita Francesca Marina.

Comments

Set-up step evaluating EHR functions for capturing and storing adult demographic data and social history data supporting immunization recommendations. There is no transaction associated with this test step.

Pre-condition

No Pre-Condition

Post-Condition

The EHR has recorded all of demographic and social history data in the record created for Anita Francesca Marina.

Test Objectives

Register New Patients: The EHR or other clinical software system must allow a user to enter distinguishing information about patients so that providers can uniquely identify patients who have similar sounding names or other similar identifying information. For example, twins living in the same household will have similar dates of birth, addresses, and may have similar names. The EHR or other clinical software system must be able to store information to successfully match with patients in immunization registries, if the information is available. Specific to immunization registries, that information includes the mother's maiden name, whether the patient was part of a multiple birth, and the birth order (i.e., ordinal number of birth, first, second, etc.). This information allows the provider to correctly identify the patient and also helps ensure a match when the EHR sends the patient's information to external systems such as an immunization registry.

Evaluation Criteria

Evaluation Criteria: Vendor successfully records all demographic data provided, with all required attributes indicated by [Y]. The coded values are not expected to be displayed to the user, but it is expected that the value selected has the identified meaning, and it is expected that the system will use the coded value when the attribute is conveyed in later transactions:

To minimize data entry, the ADT A04 message below the data table may be used to automate data entry. If this option is used, the proctor will review the ability of the system to record, modify, and store these attributes. This ADT message includes clinical content referenced in step 5.

Patient ID (previously listed as "Medicaid Number")	Vendor supplied	Y
Patient ID: Assigning Authority ID (i.e., owning source)/Facility Name	Metro Primary Care	Y
Patient ID: Type (e.g., medical record number, IIS ID)	Vendor supplied	Y
Patient Name: First	Anita	Y
Patient Name: Middle	Francesca	Y
Patient Name: Last	Marina	Y
Patient Date of Birth	06/01/1986	Y
Birth Time	N/A	N
Patient Gender (Administrative Sex)	F	Y
Patient Multiple Birth Indicator	No	Y
Patient Birth Order	N/A	Y
Responsible Person Name: First	Anita	Y
Responsible Person Name: Middle	Francesca	Y
Responsible Person Name: Last	Marina	Y
Responsible Person Name: Maiden Last	N/A	N
Responsible Person Name: Relationship to Patient	Self	Y
Mother's Name: First	Sophia	Y
Mother's Name: Middle	Serena	Y
Mother's Name: Last	Santos	Y
Mother's Name: Maiden Last	Ramirez	Y
Patient Address: Street	4623 Standish Way	Y
Patient Address: City	Stamford	Y
Patient Address: State	CT	Y
Patient Address: Country	USA	Y
Patient Address: Zipcode	06903	Y
Race	White	Y
Ethnicity	Hispanic or Latino	Y
Patient Primary Language	English	Y
Patient Telephone Number	(203) 555-1213	Y
Patient Telephone Number Type (e.g., home, cell)	Cell	Y
Patient E-mail Address	Proctor Supplied	Y
Publicity Code	Reminder/recall - any method (02 HL70215)	Y

Publicity Code Effective Date	10/01/2012	Y
Protection Indicator	N	Y
Protection Indicator Effective Date	10/01/2012	Y
Immunization Registry Status	Active	Y
Preferred Contact Method	Email	Y

Social History:

Occupation	Adult Health Clinical Nurse Specialist [Clinical Nurse Specialists]	C
Industry	Home nursing services (except private practices) [Home Health Care Services]	C
Employer	River Rehabilitation Center	C

ADT A04 Message:

MSH|^~\&|Test EHR Application|X68||NIST Test Iz Reg|20211031082240-0500|ADT^A04^ADT_A01|NIST-IZ-001.00|P|2.5.1|||||||||

PID|1||123456^^^MYEHR^MR~987633^^^MYIIS^SR||Marina^Anita^Francesca^^^^L|Santos^Sophia^Serena^^^^M|19860601|F|2106-3^White^CDCREC|4623 Standish Way^^Stamford^CT^06903^USA^L||^PRN^CP^^1^203^5551213||eng^English^ISO639||||||2135-2^Hispanic or Latino^CDCREC||N

PD1|||||||||||02^Reminder/Recall - any method^HL70215|N|20121001|||A|20121001|20121001

NK1|1||EMR^Employer^HL70063^^^^2.5.1|15 State St^^Stamford^CT^06903^^L|||||||||River Rehabilitation Center^L||||||||||||||||

PV1||O|||||^Jobs^John^^^^^^^L^^^^^^^^^MD|^Jobs^John^^^^^^L^^^^^^^^^MD|||||||||||||||||||||||||||||MPC^Metro Primary Care^HL70362||||||

OBX|1|CE|51913-2^Hepatitis A virus IgG+IgM Ab [Presence] in Serum^LN|1|260373001^Detected^SCT||||||F|||20160515

OBX|2|CE|51914-0^Hepatitis B virus core IgG+IgM Ab [Presence] in Serum^LN|1|260415000^Not Detected^SCT||||||F|||20160515

OBX|3|CWE|21844-6^Usual Industry^LN||621610.008495^Home nursing services (except private practices)^ODH||||||F|||20211031|||||||||||||||

OBX|4|CWE|21843-8^History of Usual Occupation^LN||29-1141.04.000450^Adult Health Clinical Nurse Specialist^ODH||||||F|||20211031|||||||||||||||

DG1|1|||278971009^Hepatitis A immune (finding)^SCT|20160515|F|

DG1|2|||165808001^Hepatitis B non-immune (finding)^SCT|20160515|F|

Notes
Publicity Code is included in order to support documentation of communication method for the TestCase: Notify Patients of Immunization Status. If the EHR does not support this attribute, the result for this step may indicate pass, but the lack of support should be documented as a notable exception.
While the PID indicates that it is Vendor Supplied, the ID returned from the registry query is: 123456^^^MYEHR^MR~987633^^^MYIIS^SR. The IIS will not know the PID of the local system, and there is no context-based validation checking for the PID.
Protection Indicator Effective Date may use current date if constrained by EHR workflow.
Document in notable exceptions where any of the social history attributes can not be captured/recorded by product.
The Anita Francesca email supplied should be provided by the test proctor so they can receive the patient notifications. For the purpose of internal Vendor testing they can use their own emails.
Manual entry of one of the patient demographics and clinical history will be required (or reviewed) to ensure that entry of the required fields is possible.