Description

The EHR vendor loads demographic data for Juan Marcel Marina.

Comments

Set-up step evaluating EHR functions for capturing and storing patient pediatric demographic data. There is no transaction associated with this test step.

Pre-condition

No Pre-Condition

Post-Condition

The EHR has recorded all of the pediatric demographic in the record created for Juan Marcel Marina.

Test Objectives

Register New Patients: The 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, and in particular (Mother's maiden name, multiple birth, birth order), 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:

For systems that document VFC eligibility at the patient level: Not VFC Eligible

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.

Patient ID (previously listed as "Medicaid Number")	Vendor supplied	Y
Patient ID: Assigning Authority ID (i.e., owning source)/Facility Name	Shoreline Pediatrics	Y
Patient ID: Type (e.g., medical record number, IIS ID)	Vendor supplied	Y
Patient Name: First	Juan	Y
Patient Name: Middle	Marcel	Y
Patient Name: Last	Marina	Y
Patient Date of Birth	03/04/2020	Y
Birth Time	11am	N
Patient Gender (Administrative Sex)	M	Y
Patient Multiple Birth Indicator	No	Y
Patient Birth Order	N/A	C
Responsible Person Name: First	Manuel	Y
Responsible Person Name: Middle	Marcel	Y
Responsible Person Name: Last	Marina	Y
Responsible Person Name: Relationship to Patient	Father	Y
Mother's Name: First	Anita	Y
Mother's Name: Middle	Francesca	Y
Mother's Name: Last	Marina	Y
Mother's Name: Maiden Last	Morales	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	None	N
Publicity Code	Reminder/recall - no calls (03 HL70215)	Y
Publicity Code Effective Date	03/04/2020	Y
Protection Indicator	N	Y

Protection Indicator Effective Date	03/04/2020	Y
Immunization Registry Status	Active	Y
Preferred Contact Method	Text	Y

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^Juan^Marcel^^^^L|Morales^Anita^Francesca^^^^M|202003041100|M||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|||||||||||03^Reminder/recall - no calls^HL70215|N|20200304|||A|20200304|20200304

NK1|1|Marina^Manuel^Marcel^^^^L|FTH^Father^HL70063|4623 Standish Way^^Stamford^CT^06903^^L|^PRN^CP^^1^203^5551213

PV1||O|||||^Smith^Frank^^^^^^^L^^^^^^^^^^MD|^Smith^Frank^^^^^^^L^^^^^^^^^^MD|||||||||||||||||||||||||||||||SP^Shoreline Pediatrics^HL70362||||||

OBX|1|CE|51913-2^Hepatitis A virus IgG+IgM Ab [Presence] in Serum ^LN|1|260373001^Detected^SCT||||||F|||20210115

 DG1|2|||38907003^Varicella (disorder)^SCT|20210316|F|

Notes
Publicity Code is included in order to support documentation of communication method for the TestCaseGroup:Cohort Report. 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.

The date/time of birth for the twins includes birth time. This aids in distinguishing the birth order for multiple births. Since this patient is not a multiple birth, the vendor can pass with notable exception if the birth date/time does not include precision of birth time. The notable exception should document the lack of support for birth time.

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.

Registry status of' 'Active' is required when sending a VXU to the IIS which will be done for this patient.

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.