

Description

The EHR vendor loads demographic data for Juana Mariela Gonzales.

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 data in the record created for Juana Mariela Gonzales.

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, 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 vaccine program 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	Juana	Y
Patient Name: Middle	Mariela	Y
Patient Name: Last	Gonzales	Y
Patient Date of Birth	10/01/2022	Y
Birth Time	11 am	N
Patient Gender (Administrative Sex)	F	Y
Patient Multiple Birth Indicator	Yes	Y
Patient Birth Order	1	Y
Responsible Person Name: First	Joanna	Y
Responsible Person Name: Middle	Elena	Y
Responsible Person Name: Last	Gonzales	Y
Responsible Person Name: Maiden Last	Morales	N
Relationship to Patient	Mother	Y
Mother's Name: First	Joanna	Y
Mother's Name: Middle	Elena	Y
Mother's Name: Last	Gonzales	Y
Mother's Name: Maiden Last	Morales	Y
Patient Address: Street	3321 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) 555-1214	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	10/01/2022	Y
Protection Indicator	N	N
Protection Indicator Effective Date	10/01/2022	N
Immunization Registry Status	active	Y
Preferred Contact Method	Text	Y

ADT A04 Message:

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MSH|^~\&|Test EHR Application|X68||NIST Test Iz Reg|20221031082240-0500||ADT^A04^ADT_A01|NIST-IZ-001.00|P|2.5.1|||||
PID|1||123456^^^MYEHR^MR~987633^^^MYIIS^SR||Gonzales^Juana^Mariela^^^^L|Morales^Joanna^Elena^^^^M|202210011100|F|2106-
3^White^CDCREC|3321 Standish Way^Stamford^CT^06903^USA^L||^PRN^CP^^1^203^5551214||eng^English^ISO639|||||2135-
2^Hispanic or Latino^CDCREC||Y|1
PD1||||||03^Reminder/recall – no calls^HL70215|N|20221001|||A|20221001|20221001
NK1|1|Gonzales^Joanna^Elena^^^^L|MTH^Mother^HL70063|3321 Standish
Way^^Stamford^CT^06903^^L|^PRN^CP^^1^203^5551214
PV1||O||||^Smith^Frank^^^^^^^^L^^^^^^^^^^MD|^Smith^Frank^^^^^^^^L^^^^^^^^^^MD|||||||||||||||||SP^Shoreline
Pediatrics^HL70362|||||
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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 of the twins, but as long as birth order is supplied, 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.

Protection Indicator Effective Date may use current date if constrained by EHR workflow.

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.