Description

The nurse documents administration route for the HepB vaccine:

  - Is prevented from documenting "oral" for HepB vaccine.

Comments

This step covers data quality checking as an informative aspect of vaccine administration.

Pre-condition

Order is placed for HepB vaccine.

Post-Condition

The HepB vaccination route has failed to be recorded as 'oral' in the EHR.

Test Objectives

Record Vaccine Administration: The EHR or other clinical software system records information about each vaccine administered. The EHR records this information as structured data elements, including, at a minimum: date administered, administering clinician, site of administration (e.g., left arm), immunization type, lot number, manufacturer, Vaccine Information Statement date, quantity of vaccine/dose size and ordering clinician. The system also assures data quality, i.e., data entered are appropriate (e.g., avoid "oral" route for IM vaccines, and assure dose is appropriate for the vaccine).

Data Quality Checks: Integrate additional data quality checks into IIP Testing and Recognition to improve data quality and reduce rejections.

 Note: The EHR or other clinical software system prevents specific data issues which would potentially result in IIS errors as defined by the AIRA Error Codes. This supports reducing data quality issues that could trigger the following AIRA-defined Error Codes:

  - 2016 : Indicates that the administration route is inconsistent with the vaccine administered

Evaluation Criteria

The EHR warns the user that 'Oral' as a route for the HepB vaccine is not correct.

Notes

Verification checking for invalid route or site should not prevent the user from selecting the alternate route or site. While this test case example is not one that would make sense to ignore the warning, there are situations where an alternate site or route may be medically indicated. This test should not be interpreted to restrict the ability of the EHR to document such alternate routes or sites that may be intentionally selected by the clinician.