

Description

The nurse documents administration route for the IM inactivated influenza vaccine as 'intranasal':

- Is prevented from documenting "intranasal" for intramuscular inactivated influenza vaccine.

Comments

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

Pre-condition

Order is placed for intramuscular inactivated influenza vaccine.

Post-Condition

The intramuscular, inactivated influenza vaccination route has failed to be recorded as intranasal in the EMR.

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: Sample of data quality checking for vaccine route.

Evaluation Criteria

The EMR prevents the user from entering 'Intranasal' as a route for the intramuscular, inactivated influenza vaccine.

Notes

While this test step requires verification of an appropriate route, the SUT should be sure that alternate route documentation is not restricted. While not part of this use case, there are situations where an alternate site may be medically indicated.