

Description

A mother brings her 6-month old male infant to Big City Children's Urgent Care on February 20, 2010 at 8:30 AM. A clerical assistant registers the patient. She records the patient's name, date of birth, race, ethnicity, residence, insurance information, and health history. The clerical assistant also records the patient's chief complaint in free-text is, "Fever, cough, and earache." At 8:35 AM a nurse sees the patient and performs a vital sign assessment, noting that the child currently has a temperature of 101.2 with a productive cough and right ear inflammation and fluid build-up. At 9:00 AM the physician orders a rapid influenza test, chest x-ray, and a treatment. The physician assigns the patient with working diagnoses of influenza with other respiratory manifestations (ICD-9 CM diagnosis code of 487.1), and stenosis of external ear canal due to inflammation (ICD-9 CM diagnosis code of 380.53) within the patient's electronic medical record. Big City Children's Urgent Care is an outpatient facility operated by Children's Hospital of Big City that routinely sends electronic syndromic surveillance data to the Big City Health Department (BCHD) in accordance with a city regulation. At 10:00 AM on February 20, 2010, the facility's electronic health record module for syndromic surveillance data assembles and transmits a Registration ADT message about this patient encounter.

Comments

This Test Scenario provides an example of clinical encounter that could take place in either an urgent care or emergency clinical setting. It is therefore applicable to EHR technology used in some ambulatory settings. Dates and times are provided in this test scenario to illustrate the sequence of clinical and messaging events. Since the exact dates and times are not reproducible when modeling the test scenario with EHR technology, only date and time format will be validated within tester submitted test data.

Pre Condition

No PreCondition

Post Condition

No PostCondition

Test Objectives

Output an ADT^A04 registration message in HL7 containing syndromic surveillance data for the patient encounter

Evaluation Criteria

No evaluation criteria

Notes for Testers

Although the other units of measure for patient age are acceptable in general (and the Context-free validation accepts any of the valid units of measure for age), this Scenario specifies that "mo" for months be used in this message for the Context-based validation. ICD 9 CM diagnosis codes are acceptable with or without decimals.

Visit Number ID (PV1-19.1) must be populated with the same value for all messages

included in this Test Case to reflect the requirement in real-world installations. Test Tool does not automatically test for this requirement, so Testers must manually inspect the messages to verify that PV1-19.1 is the same for all Test Step messages for a given Test Case.