Title
Death at Home

Description

On November 2, 2010, upon arriving at his home, John Smith found his wife, Madelyn Smith, lying on the couch unconscious and not breathing. He quickly called 9-1-1 and started cardiopulmonary resuscitation (CPR). Within ten minutes, the paramedics arrived at the scene. They transported Madelyn to the Emergency Room at the Llewellyn Hospital in Rosemont, NC where Dr. Tom Delaney examined Madelyn and pronounced her dead on arrival at 1400. He spoke to Madelyn's husband John and learned that the couple had just returned from a trip overseas and that Madelyn had a 40 year history of lupus. Dr. Delaney started an electronic health record for Madelyn and populated the patient death indicator with a "Y" to confirm her death, along with his full name and his NPI number. Meanwhile, a nurse collected and entered basic identifying information, including patient name, birth date, sex, address, zip code, and social security. The case was referred to the medical examiner's office for an autopsy and Dr. Delaney noted Madelyn's history of lupus and recent overseas travel in his referral note.

The Medical Examiner (ME), Dr. Revel, assigned a case ID and conducted the autopsy. After speaking to Madelyn's husband, Dr. Revel consulted the referral notes and he immediately suspected that a blood clot might have formed in one of Madelyn's legs during her recent overseas flight. He notes Madelyn's 40 year history of lupus, which is a risk factor for developing deep vein thrombosis. The autopsy results revealed that Madelyn's immediate cause of death was a pulmonary embolism which resulted from deep vein thrombosis. He entered the estimated date and time of death, the immediate cause of death as well contributing conditions, and the underlying cause. He also entered the code which indicated that the autopsy results were available for the decedent and entered all information required to identify the death certifier. Finally, the ME signed Madelyn Smith's death certificate which completed the data entry for this decedent and all information related to filing the death certificate is transmitted either via an ADT^A04 message (if Tester is using HL7 V2.6) or C-CDA from the EHR to the jurisdictional vital records office.

Comments
No Comments

Precondition
No PreCondition

Postcondition
No PostCondition

Test Objectives
No Objectives

Evaluation Criteria
No evaluation criteria

Notes for Tester
No Note