UC13: Health Center Worker supports/documents normal risk deliveries

Description: If uncomplicated, pregnant mothers are encouraged to deliver children in health centers. In this use case, supportive technologies are described to both facilitate documentation of the delivery event and provide historical information to the birth attendant…

Actors: Health Center Worker, Patient, patient record system (OpenMRS), and Shared Health Record (SHR)

Pre-Conditions: mother is ready to deliver child

Post-Conditions:

Special Requirements:

Event Flow Chart:

Ideal Pathway: delivering mother comes to health center (w/CHW involvement), mother gets registered by front clerk electronically, registration process triggers SHR patient record import into OpenMRS, OpenMRS to generate summary health record (including previous historical information), OpenMRS alerts to historical issues of concern (ie, HIV), and provides delivery protocol to health worker. Health center worker ultimately carries out delivery event and completes the delivery record, information about the delivery gets entered into OpenMRS by health worker, OpenMRS transmits data to SHR.

Technology Navigation:

State Diagrams (if applicable):

Alternative Pathway(s):

* **No clinical summary**: Mother comes to health center, health center worker carries out delivery and documents the details on the delivery record form, information gets entered into OpenMRS by health worker, OpenMRS transmits data to SHR.
* **Manually accessed summary generation vs. registration-based trigger**: mother comes to health center, clinic worker uses OpenMRS to generate summary health record (including previous pregnancy information), health center worker carries out delivery and documents the details on the delivery record form, information gets entered into OpenMRS by health worker, OpenMRS transmits data to SHR.
* **Data Entry Clerk vs. Nurse/Midwive direct entry**: Mother comes to health center, health center worker carries out clinical encounter using delivery record form, information gets entered into OpenMRS by data entry clerk, OpenMRS transmits data to SHR.
* **Printed vs. Computer Interface-based Summaries**: the patient record could potentially deliver the patient’s summary information in many ways, including a printed form, a computer-based direct interaction with data, or even pushed information to a mobile device (tablet, smartphone, etc).

Extension Points (other use cases that link):