"Unconference" Open Session - eIDSR

Session Name:eIDSR (integrated disease surveillance and response)
OHIE18 Event Page - ohie.org/OHIE18
Time / Room: 8:30 - 9:15 Tembo
Presenter: Carl
Attendees:
Etherpad: https://notes.ohie.org/2018-08-02_Unconference_Tembo_830

Notes:

1. technology tool set to support multiple use cases

   a. disease surveillance and response
   b. ipregnancy- OpenHIE technology to register the pregnant; expanded to health and nurse connect
   c. alert engine to use towards case based surveillance
   d. domains that are needed to recognize and alert notifiable events
   e. create way to let information that flows through HIE and let it recognize
   f. SA malaria within 24 hours
2. Potential Workflow

   a. identified through x
   b. is it notifiable
   c. where is it notifiable
   d. who is notified
   e. transaction data on certain rules
   f. alert
3. any input works through a flow with branching logic and then goes back down

   a. what are the tasks that need to be done and how we capture the tasks - across the surveillance space
4. early surveillance and response

   a. response to the alert/ data - health system needs to be integrated into the response
   b. intervention at the right time
5. PHII

   a. gathered local health department stakeholders
      i. IMM, case based reporting, electronic lab reporting
   b. clear 'response' and 'roles'
6. Brian Dixon- HIE

   a. recognizes the (lab) value; triggers recognition and response
7. what is already out there

   a. Lisa-- has been doing implementation training with CDC and partners
   b. build health informatics capacity- inaugural training in Zambia (Africa and China CDC were there)
      i. templates already developed for the digital flow
         1. 4/5 organizations already working on this
            a. eHealth Africa as an example with reporting and aggregated into DHIS2
            b. WHO has done similar work into an electronic tool- iDSR course is on line
               i. cell phone and upwards to the district level
               ii. notifiable and aggregate reports done
      ii. German (GIZ) SORMAS http://www.sormas.org/home/
         1. currently being deployed in Nigeria/ Ghana
         2. online and web based
   c. if a country is trying to set this up, how do they automate that?
   d. Africa CDC has the mandate to do that
8. multiple applications that have been developed
   a. digital bridge http://www.digitalbridge.us
9. How do we take the OpenHIE working group
   a. what are the interfaces to make it easier to move data
   b. within the OpenHIE--what are the flows that need to be identified and used
10. similar to 'customer service response' and flow in response to the identified event (human response)

Next Steps:

1. OpenHIE working group around iDSR (how does OpenHIE fit into the workflow)

   a. landscape review of what has been developed for iDSR (ensure interoperability)

      i. developed
      ii. reviewed
      iii. published (?)
   b. identify standards that are critical to iDSR
   c. synergy with case based reporting team
2. sign up for potential engagement with this proposed working group