CIN trainings aim at improving quality of data

The KEMRI - Wellcome Trust Research Programme held a one day refresher training for data clerks working in the Clinical Information Network hospitals on November 24th 2014 at the KWTRP offices in Nairobi.

The one day refresher course was designed to update data clerks from the 14 hospitals on RED Cap, standard operating procedures, data quality and generation of reports within the hospital.

The training had a component of different case scenarios during some of its sessions.

KEMRI - Wellcome Trust would like to commend the support it gets by County health officers, the Ministry of Health and the Kenya Pediatric Association in working towards improving the quality of data in the hospitals.

County hospitals’ pediatricians, medical officers, health records officers and data clerks have all participated to improving information and care and in CIN meetings and trainings. We look forward to stronger collaborations and partnerships in 2015 aimed at improving quality of care.
The process of internal data quality assurance

George Mbevi of KWTRP above at a recent CIN training

Quality checks for data are conducted periodically in the CIN sites/ hospitals by the CIN team

Just how does the process of internal data quality assurance work?

George Mbevi outlines the 3 stages in the internal DQA process:

1. RED Cap (the data entry software used for data collection) has inbuilt soft-validation capabilities which alerts/prompts the data clerk to verify entries that may be out of range. The clerk will have to confirm if what he has entered is what is in the file before proceeding.

2. Site machines (those in the hospitals running REDCap), have a cleaning script installed which the data clerk runs after she/he is through with a day’s entry and before synchronizing into the main server to check if there are any inconsistencies. If there are any errors when running or cleaning the scripts, the clerk is prompted to verify the data before synchronisation.

3. At the KEMRI offices, there is routine data quality assessment (RDQA), which involves running of error scripts daily to generate an error report. Follow-up is then made to data clerks to make the necessary corrections and correct errors on the site machine.

In our next issue, we shall look at the process of external data quality assurance (EDQA)

SPECIAL MENTION JANUARY 2015

- Thanks to those in CIN’s busiest hospitals, Kiambu, Kakamega and Mama Lucy, for the efforts they are making to improve care and data.
- For efforts to ensure there is clear documentation of patient outcomes, we appreciate the work of Vihiga and Kisumu East county hospitals.

UPCOMING

- CIN has been given an opportunity to share its and the hospitals achievements work at the national Kenya Paediatric Association conference from 15th to 17th April 2015
- Data quality audit - March 2015

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