

# Discussion around strengthening capacity for OpenHDS

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# Needs Assessment

- Data management/quality – 29 of 34 centres said “extremely important” / “important”
- Areas
  - Electronic data capture
  - Data quality assurance
  - Harmonization of data across centres
  - Moving from Foxpro/HRS2 to SQL-based systems
  - Using InterVA and statistical software
  - Linking HDSS with HIS
  - Managing EMR

# OpenHDS

- Solves most of these issues
- Based on newer technologies, and requires a different skillset
  - Java, XML, MySQL
- Handles electronic data capture excellently
- Free and completely open source – potentially more functionalities
- Ensures data quality
- Already in use in 5 HDSS sites

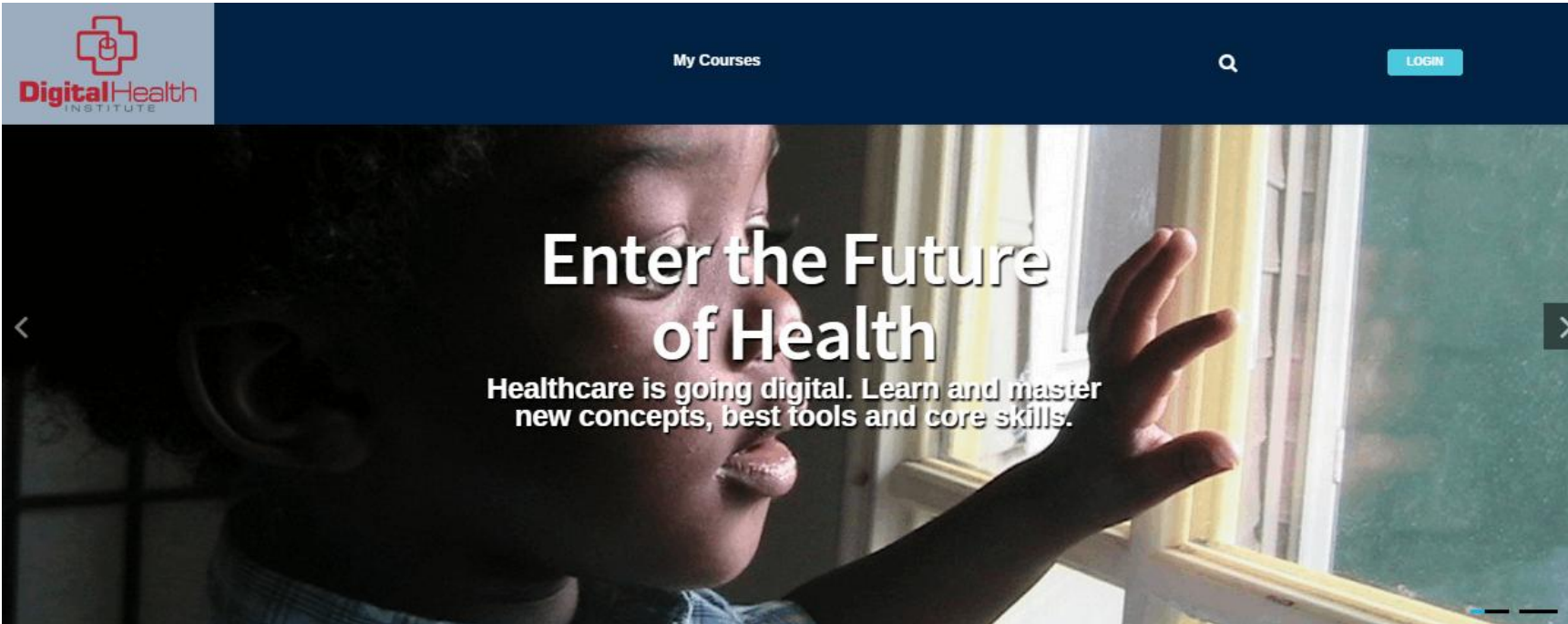
# Comments

- “Training on OpenHDS was not enough. OpenHDS will solve our problems. INDEPTH should give this more attention” - Kersa HDSS
- “OpenHDS training in Dubai was good. But 3-day training not enough” – Gilgel Gibe HDSS
- “Thankful to INDEPTH for support. We have migrated and will use it for our next round next week” – Nanoro HDSS
- Need for training
  - Long enough
  - Extensive (including underlying technologies)
  - Hands-on
  - Support for deployment

# Ideas

- Can training be more effective and scaled, without significant cost on INDEPTH and centres? How do we manage the growth and use of the system?
- OpenHDS online community of users and developers
- Online training courses
  - Introductory course
  - Blended learning for more advanced courses
  - OpenHDS developer course
- Online governance around the development
  - Contribution from sites. Users and developers from sites can send in contributions
  - One standardized OpenHDS system
  - Online voting/prioritization for features
- Discussion - How can we make this work?





The banner features a dark blue header with the Digital Health Institute logo on the left, which includes a red cross icon with a computer mouse cursor. The header also contains the text "My Courses", a search icon, and a "LOGIN" button. The main banner image shows a young child looking out a window with their hand on the frame. Overlaid on the image is the text "Enter the Future of Health" in large white font, followed by "Healthcare is going digital. Learn and master new concepts, best tools and core skills." in a smaller white font. Navigation arrows are visible on the left and right sides of the banner.

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- OpenHDS
- Introduction to eHealth & Health Informatics
- mHealth
- OpenMRS and OpenEMR
- Basic SQL
- DHIS2
- R programming
- eHealth Strategy