



Connecting the dots through different technology platforms

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SHOPS is funded by the U.S. Agency for International Development. Abt Associates leads the project in collaboration with Banyan Global Jhpiego Marie Stopes International Monitor Group O'Hanlon Health Consulting

The Interoperability Challenge

- Interoperability is a combination of...
 - Data
 - Technologies
 - Organizations



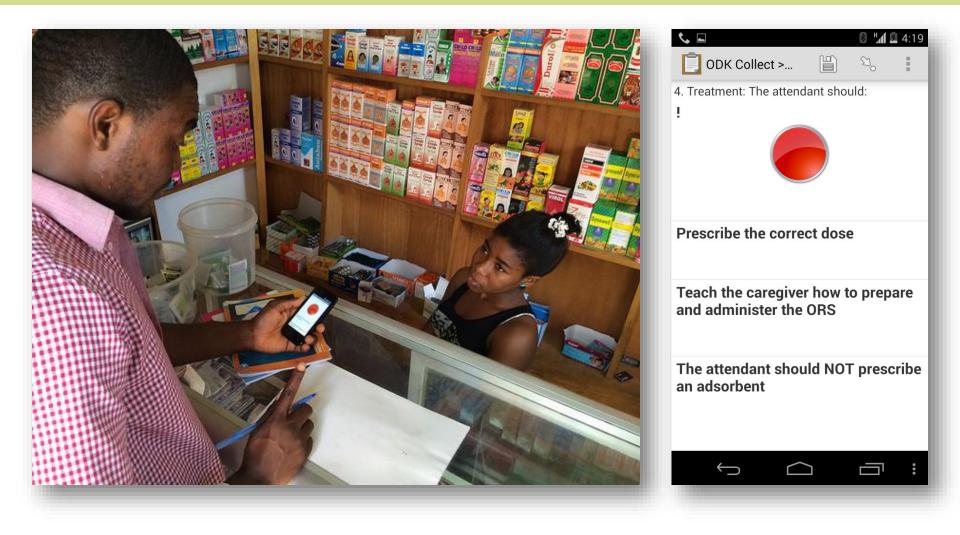
Our challenge in Ghana

- Licensed Chemical Sellers (LCS) are the front line for families seeking health care in Ghana.
- To insure the quality of health advice provided, the LCS Association needed information:
 - Which LCS were selling non-recommended treatments and why
 - What problems did LCS face in providing appropriate medicines
 - What were their knowledge gaps, what additional training was needed
- The solution: provide supervisors with mobile tools to collect, analyze and organize data



- 'Final' requirements change as more possibilities are imagined. We plan that we will need to keep building as more features are requested.
- Tools that can be used as Lego pieces all have one thing in common: An <u>API</u> (Application Programming Interface)
- As a result, we eliminate manpower needed to turn data into action for real impact.

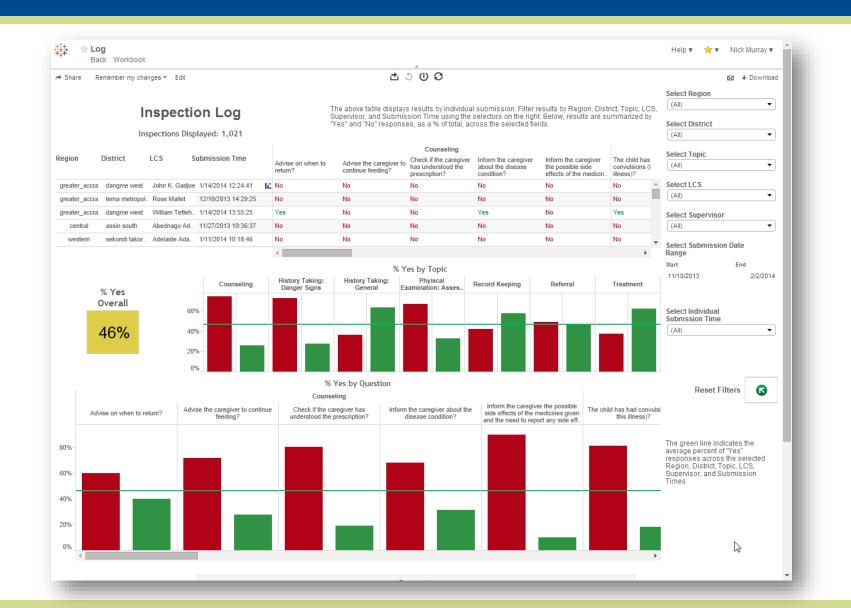
Part 1: The Smartphone



Part 2: The Raw Data

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Part 3: The Dashboard



The End Game

- Part 4: Association wants automatic emails triggered when thresholds not met
- Part 5??
 - Part 6 ???
 - Part 7 ?????



 Interoperability allows solutions to continue evolving, fixing problems in the future that you don't know you have in the present.







Thank you for your time!

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