

Designing Digital Learning for a Continuum of Learning From Pre-Service to In-Service

Alex Yeboah, Ministry of Health Ghana

Virginie Ouedraogo, Jhpiego Burkina Faso

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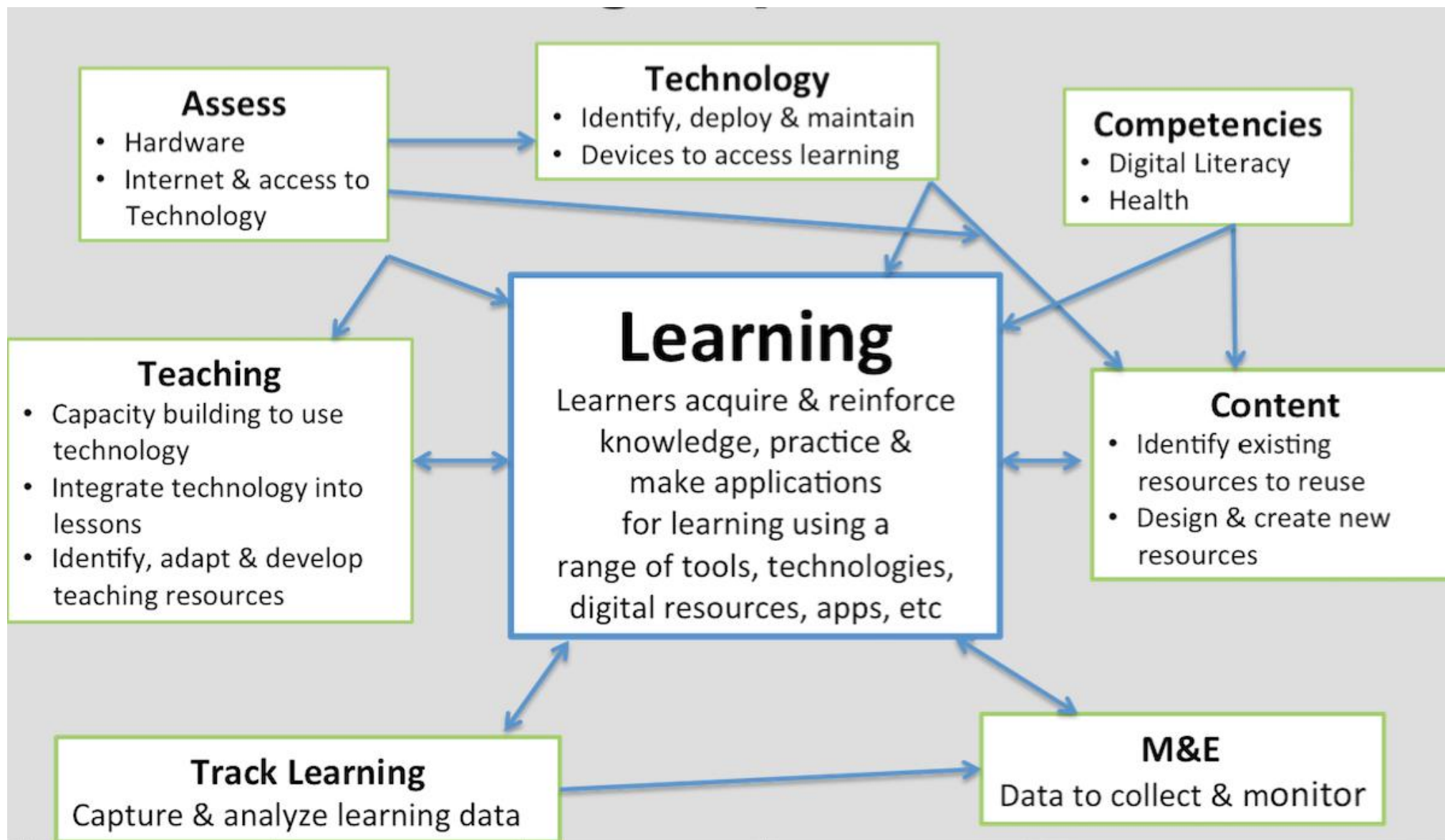
Nomsa Siamwanza, Jhpiego Zambia

Moderated by: Jodi Lis

11 December 2018
Johns Hopkins University Affiliate

Global Digital Health Forum

Digital learning



eLearning. It takes a village!

Our “village” involved in implementation of eLearning supports three key activity areas: deployment and installation, local content development, and integration of technology in learning.

It takes the villagers (people), the activities (process) and tools (technology / platform) working together simultaneously.

PEOPLE

Technical

MCSP ICT4D
MOH IT
IT Tutors
Platform specialists



Implementation

Midwifery Tutors
IT Tutors
Jhpiego Program Team



Content Development

Instructional designers
Subject experts
Tutors / education specialists
Local clinical experts
Ministry of Health and Nursing Council



PROCESS

Use of technology to enhance learning

Train and coach subject tutors to integrate technology into teaching and learning

Technical Deployment

Install, implement and maintain technologies at institutions,
Train and support ICT tutors, subject tutors and students in institutions

Content Development

Design and develop eLearning modules.



PLATFORM

Computer & Technology Infrastructure

Computer Labs
Network Infrastructure

eLearning System

Moodle
Intel Skool Healthcare Education (HE)



Learning from pre-service to in-service

Burkina Faso: Pre-Service and Post-Graduation SMS Messaging

Ghana: Pre-Service eLearning in midwifery & community nursing schools

Tanzania: In-Service eLearning & mentoring for health providers in RMNCH

Zambia: In-Service eLearning & onsite mentoring for health providers in HIV & TB



Alex Yeboah

Ghana Ministry of Health

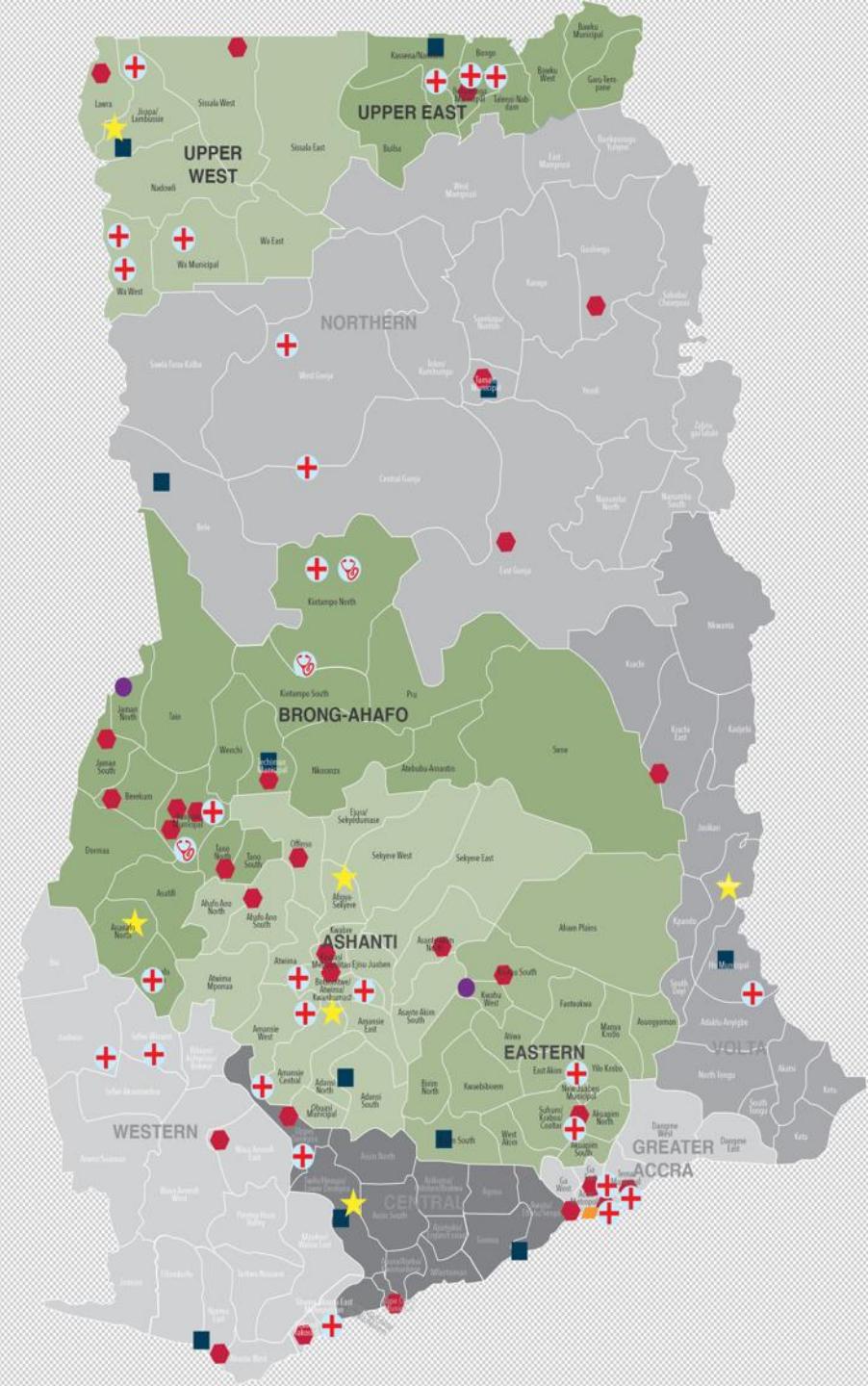


MCSP Ghana

- Better prepared midwifery and nursing workforce that is equipped with the knowledge and skills to effectively provide HIV, malaria, nutrition, family planning and maternal, newborn and child health services.
- eLearning as a knowledge and skill observation tool to prepare student before practical sections at the skills lab

MCSP Geographical Focus:
Health Training Institutions and Regions

- Targeted Regions for CHPS Support
- MCHIP Supported Midwifery Schools
- Midwifery Schools (Years 1-3)
- Community Health Nursing Schools (Years 1-3)
- Public Health Nursing School (Year 3)
- General Nursing Schools (Year 4)
- Physician Assistant School (Year 4)
- General Nursing & Medical Assistant Schools Supported by Higher Education Funding (Years 3-4)

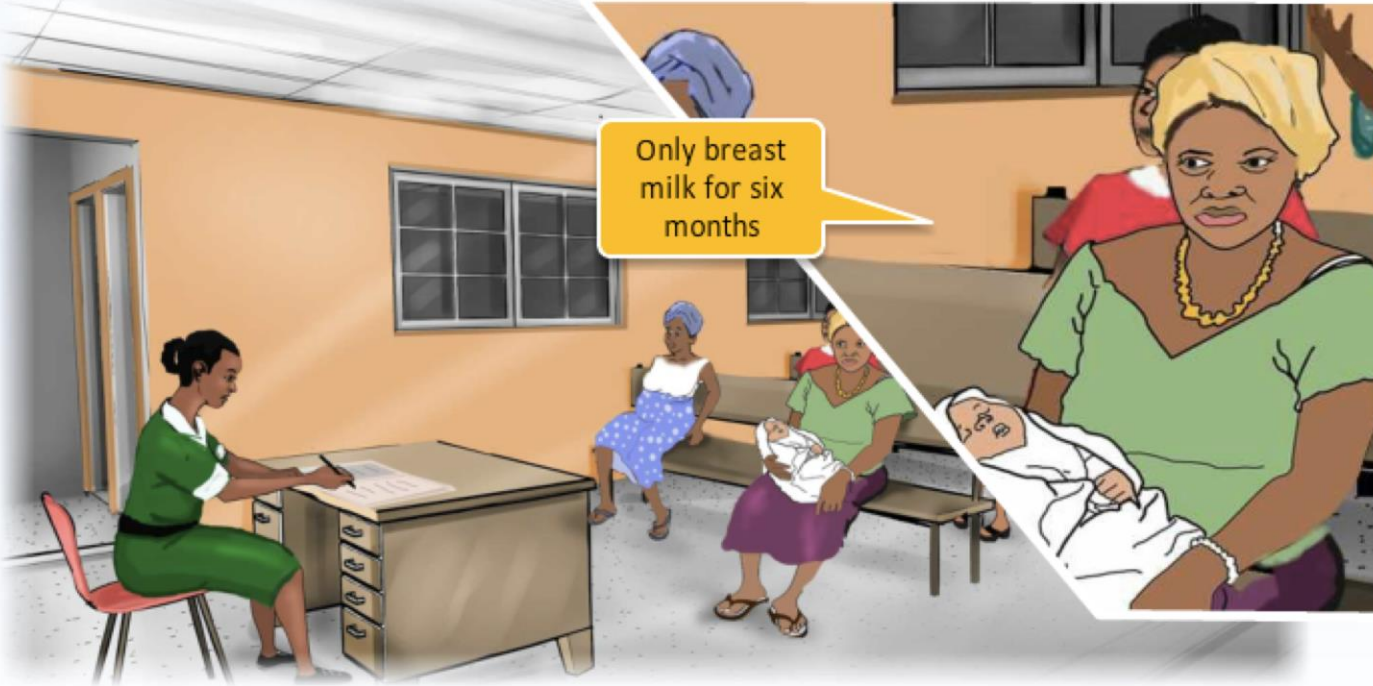


Installation of server and Network systems



eLearning Modules

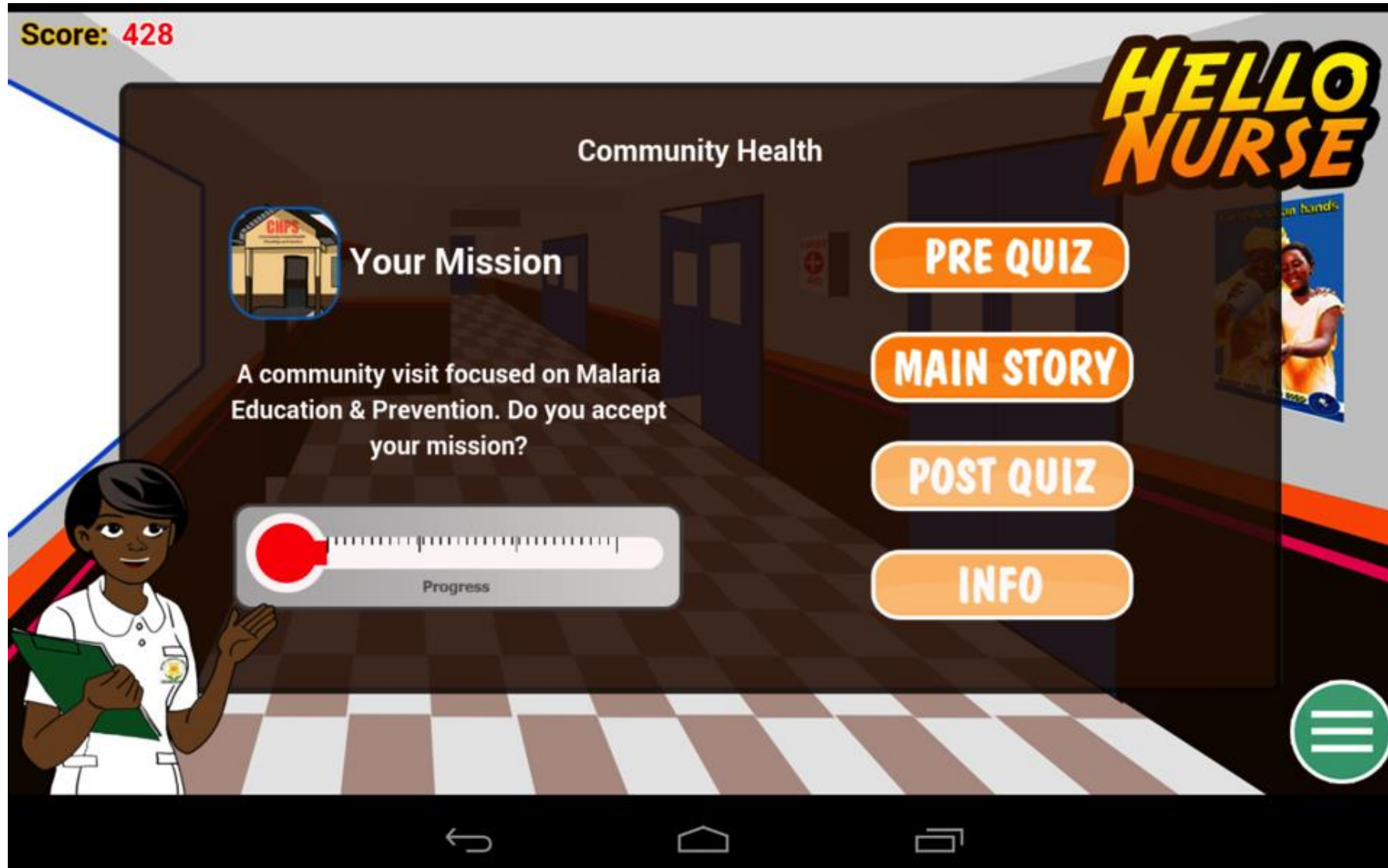
LESSON | **Exclusive Breastfeeding** MENU



Only breast milk for six months

Audio player controls: play button, progress bar, and navigation buttons (PREV, NEXT).

Hello Nurse



Training Section with Tutors and Principal



Training and hands-on with students

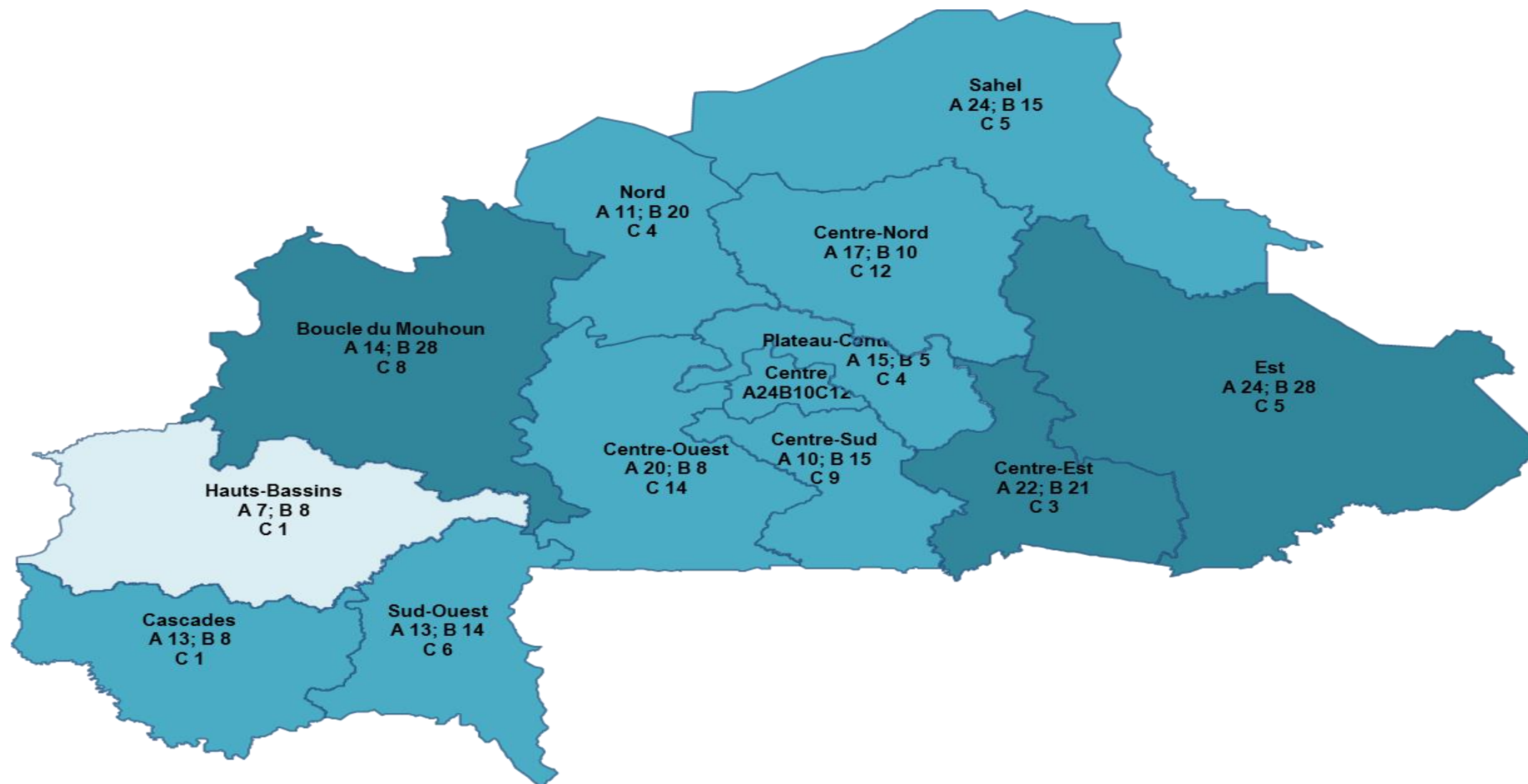


Virginie Ouedraogo

Burkina Faso



Sustainable Scale Up of Postpartum Family Planning



Pre-Service PPFP trainings and Follow-up



Reinforcement

Before placement, advise the client about potential side effects:

- Longer, heavier periods
- Cramps during her period
- Spotting between periods



Quiz : Zara wants an IUD, AYA gives her information on how it works and the advantages of the method, but forgets information about an element:

A: side effects

B: follow up

Respond with A or B

Correct response: A

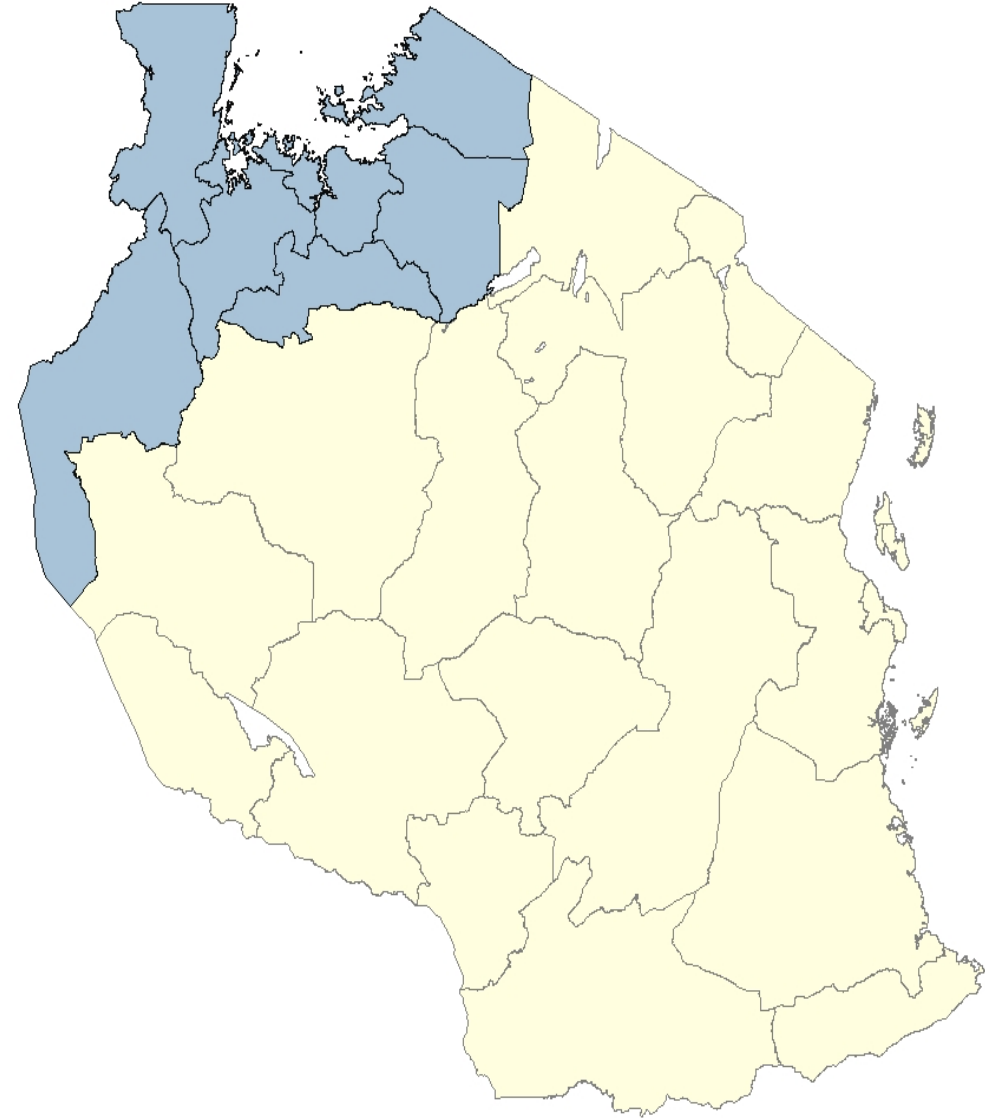
SMS in case of correct response:
Congratulations, it is important to give the client all the information, including about side effects, so that she can make an informed choice

SMS in case of incorrect response :
No, the correct response is A - give the client all the information, including about side effects, so that she can make an informed choice

Amani Minja Tanzania



USAID Boresha Afya: Lake and Western Zone



Project Goal

Improve the health status of all Tanzanians with an emphasis on women and children in targeted regions

Engagement of MoHCDGEC



Tanzanian Training Centre
for International Health

HOME

ABOUT US

COURSES

FACILITIES

NEWS & EVENTS

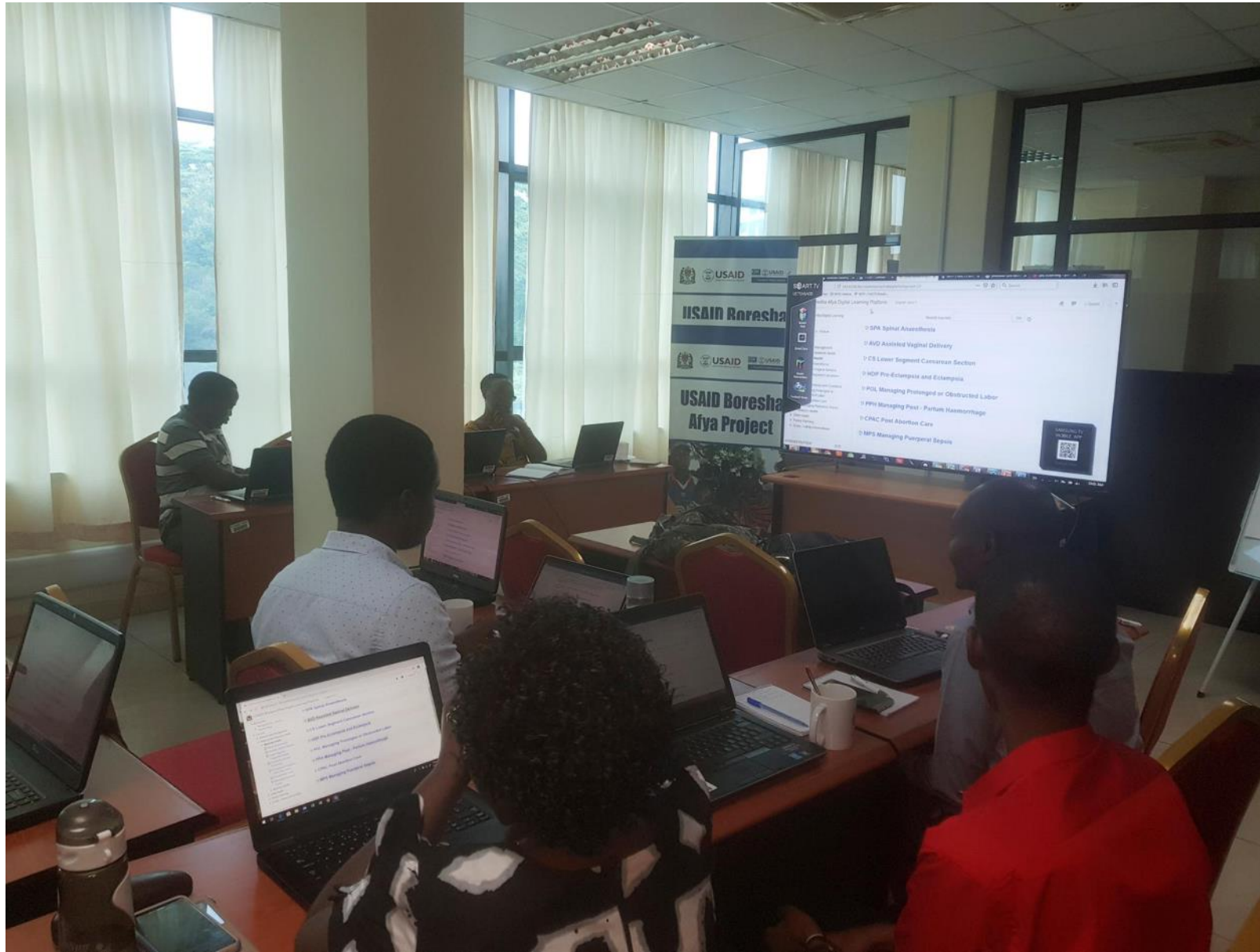
CONTACT US

**Improving Medical Health
through Practical Training**

The Tanzanian Training Centre for International health (TTCIH) aims at supporting the Tanzanian government's national health reform policy for strengthening human resource development, through providing quality health training, facilities and services.

[Read More](#)

Content Development Workshops



Content Development

Management PostPartum Haemorrhage

TopicsIntroducti...Pre-lesson...LessonSummaryPost - less...NotesResourcesExit



Check for Tone and Placenta Completeness


Management Po

When placenta is out

Check tone

Check placenta for completeness





13

< PREV

NEXT >

Management PostPartum Haemorrhage

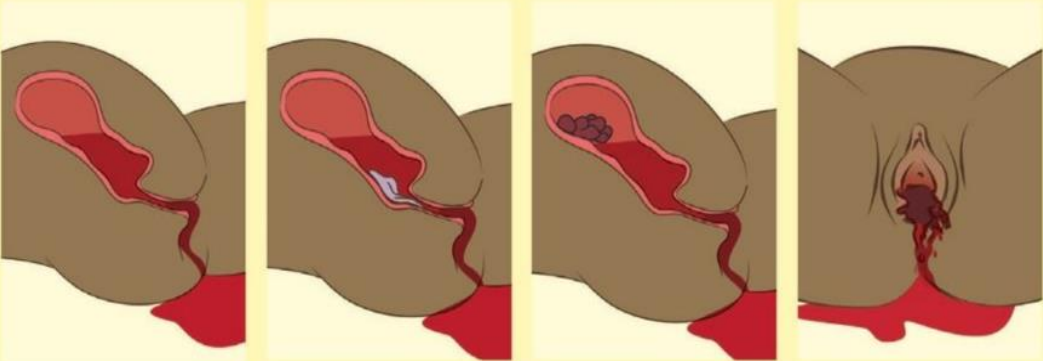
TopicsIntroducti...Pre-lesson...LessonSummaryPost - less...NotesResourcesExit

Main causes of bleeding after birth

Poor tone

Retained placenta or tissue

Tears



< PREV

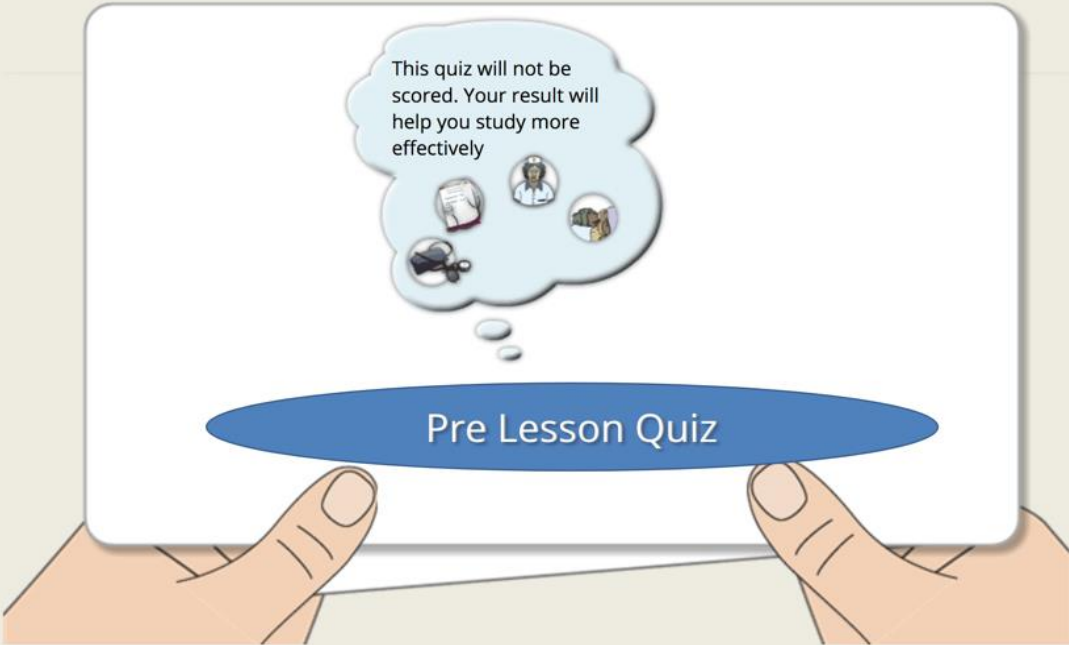
NEXT >

jhpiego

Content Development

Management PostPartum Haemorrhage

Topics | Introduction | Pre-lesson... | Lesson | Summary | Post - less... | Notes | Resources | Exit



This quiz will not be scored. Your result will help you study more effectively

Pre Lesson Quiz

< PREV | NEXT >

The image shows a digital interface for a 'Pre Lesson Quiz'. It features a central white box with a blue oval at the bottom containing the text 'Pre Lesson Quiz'. Above this box is a thought bubble containing icons of a book, a person, and a magnifying glass, with the text 'This quiz will not be scored. Your result will help you study more effectively'. The interface is part of a larger application titled 'Management PostPartum Haemorrhage' with a navigation bar at the top. At the bottom, there are navigation buttons for '< PREV' and 'NEXT >'.

Management PostPartum Haemorrhage

Topics | Introduction | Pre-lesson... | Lesson | Summary | Post - less... | Notes | Resources | Exit

Results

Your Score: 4.54% (2 points)

Passing Score: 60% (26.4 points)

Result:

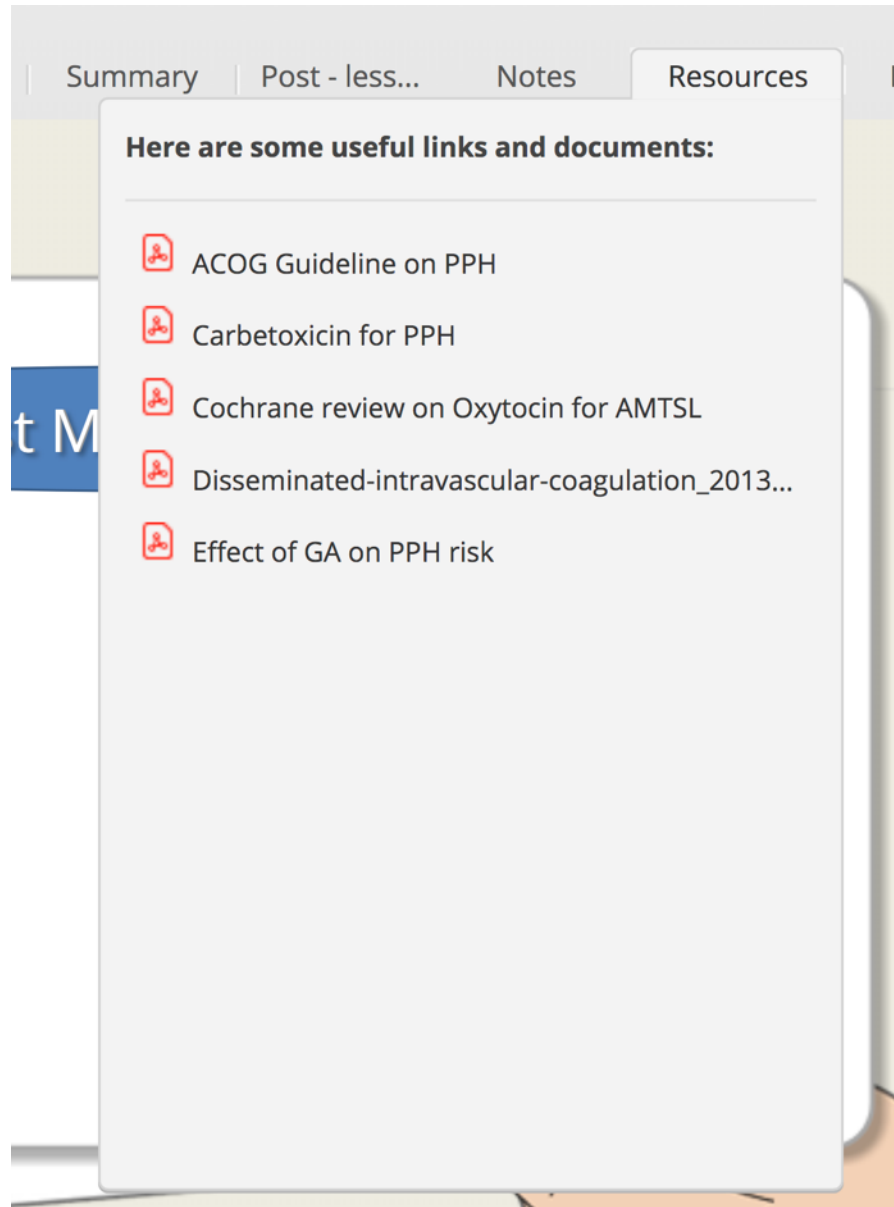
✗ You did not pass.

Review Quiz

< PREV | NEXT >

The image shows a digital interface for quiz results. It features a large white area with the title 'Results' at the top. Below the title, it displays 'Your Score: 4.54% (2 points)' and 'Passing Score: 60% (26.4 points)'. A horizontal line separates this from the 'Result:' section, which shows a red 'X' icon and the text 'You did not pass.'. Below this is a blue button labeled 'Review Quiz'. The interface is part of a larger application titled 'Management PostPartum Haemorrhage' with a navigation bar at the top. At the bottom, there are navigation buttons for '< PREV' and 'NEXT >'.

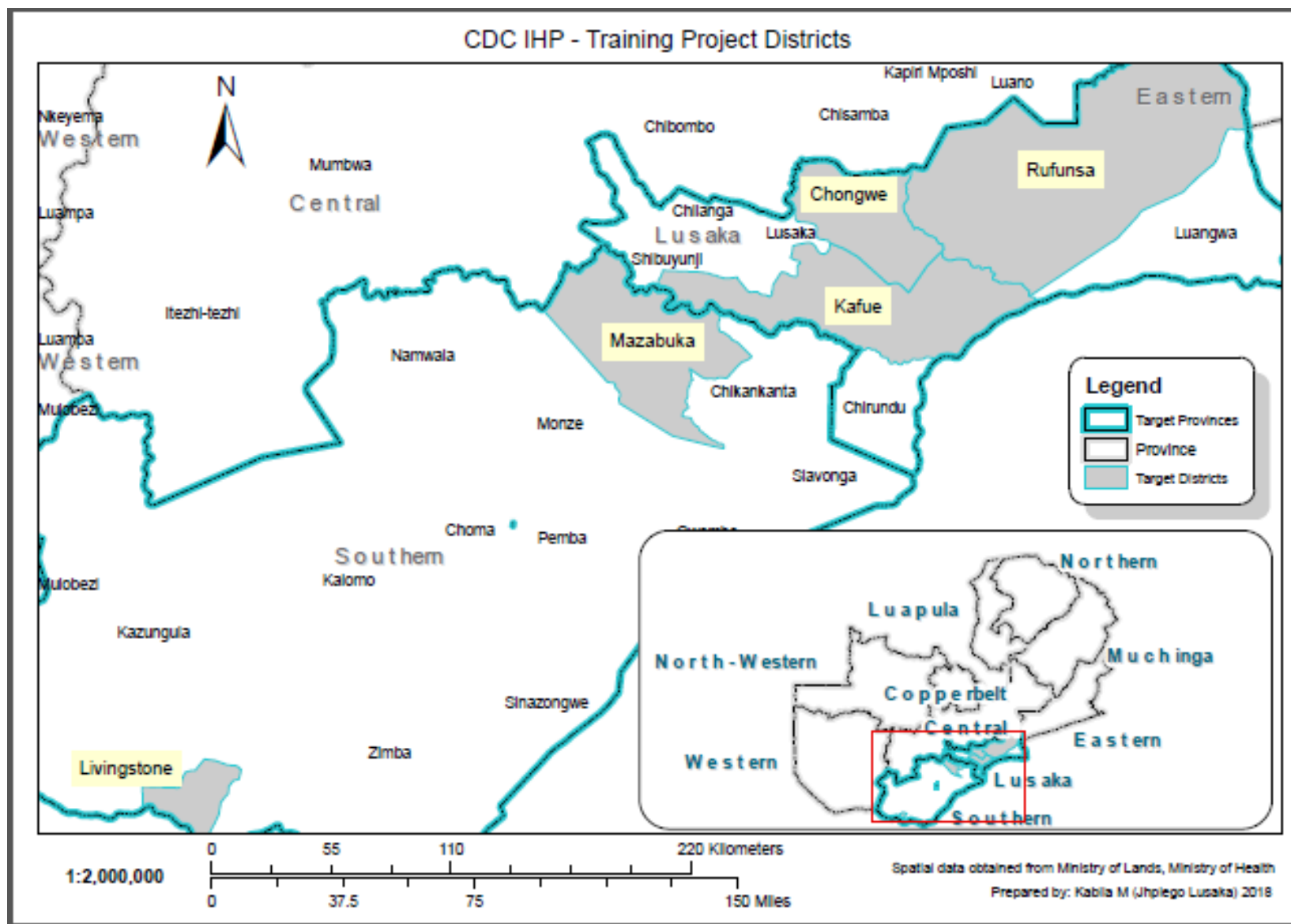
Reference Materials



Nomsa Siamwanza Zambia

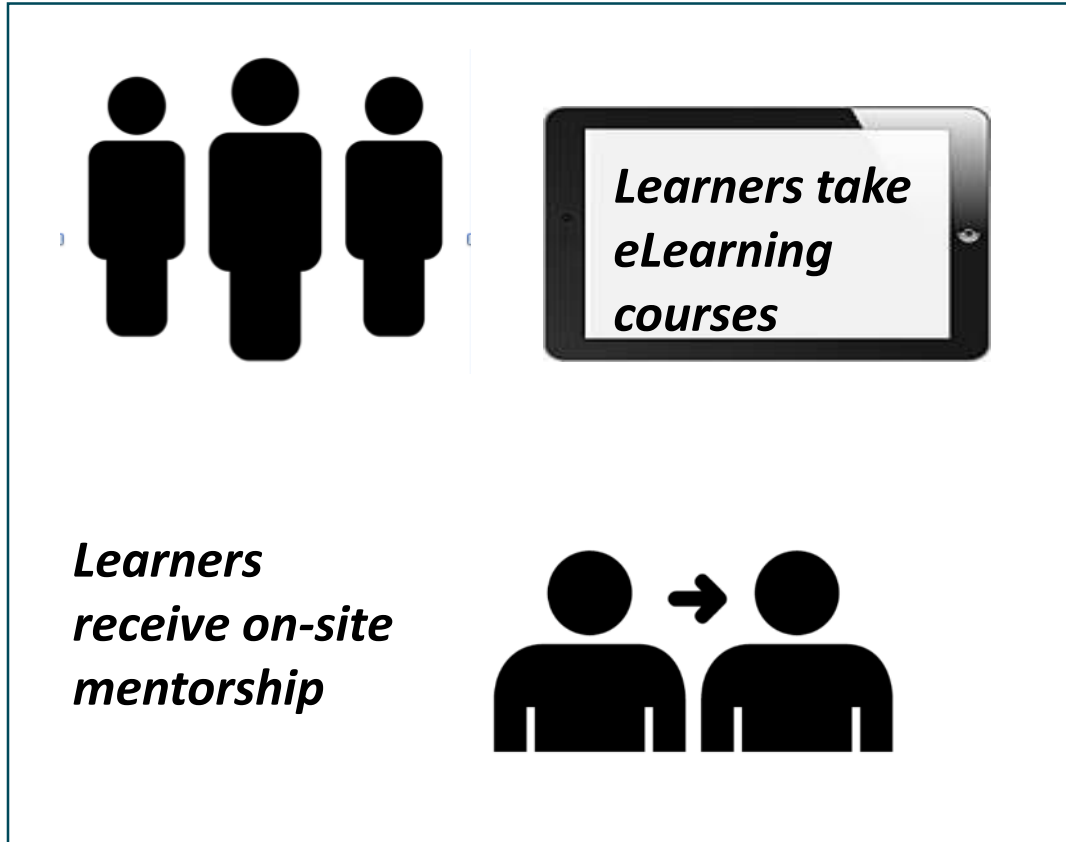


Capacity Building through Training/Mentoring



Blended Learning Framework

Implementation



Improved service delivery





Hello J
(Log out )



Search... 



HIV and TB modules

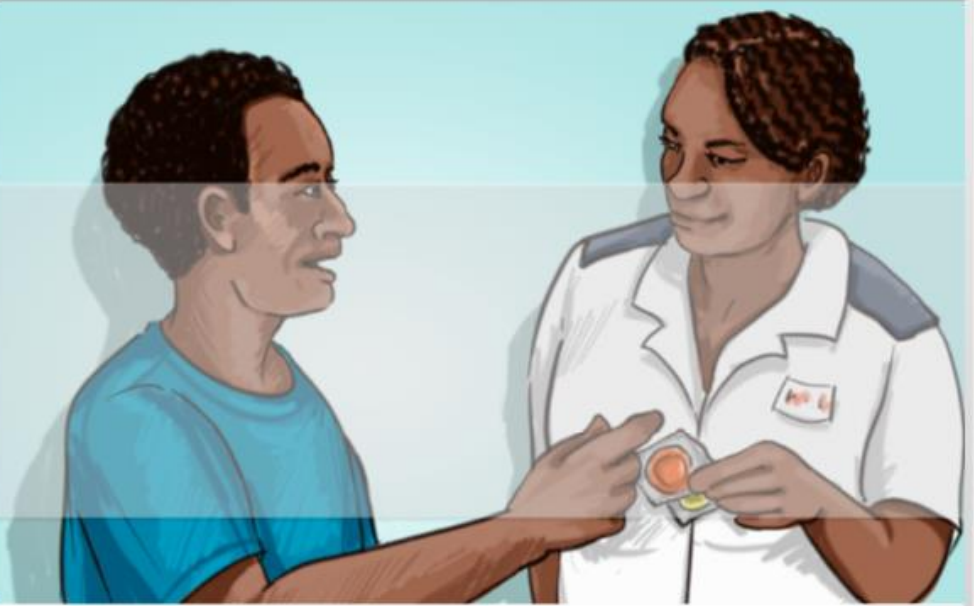
Module 4 HIV prevention

Back

Menu

- Module 4 - HIV prevention
- Title
- Module objectives
- What is PHDP?
- What is involved in PHDP?
- Step 1: Risk reduction
- Step 2: Adherence
- Step 3: STI screening and manage...
- Step 4: Family planning services a...
- Step 5: Give the patient condoms ...
- Step 6: Partner HIV testing and via...
- Topics for education and when to...
- Main modes of HIV transmission
- Risk factors in HIV transmission
- High risk sub-populations
- HIV prevention strategies
- Helping women to make informed...
- Knowledge check: what is involve...
- Knowledge check: what is involve...
- Knowledge check: what is involve...
- Knowledge check: which of the fo...
- Review of module objectives

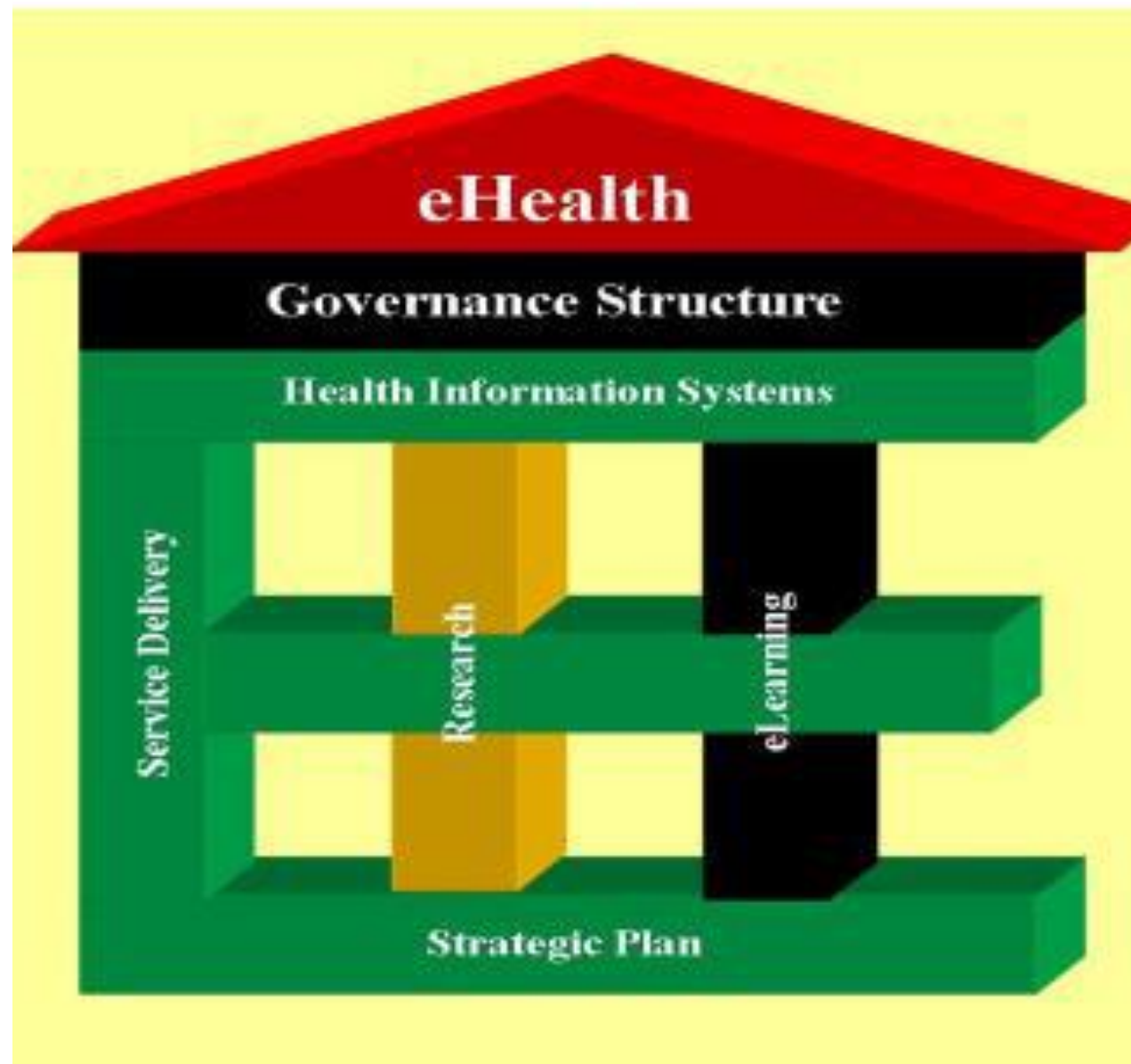
Module 4
HIV prevention



Logos: South African flag, PEPFAR, CDC, Jhpiego (an affiliate of Johns Hopkins University), iSCHOOL

1/21

Approach in line with National eHealth Strategy



Training and preparation of mentors



Onsite mentorship and eLearning integration



Impact on health service delivery



Learning from pre-service to in-service

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THANK YOU



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