WHO Digital Accelerator Kits

Current Project Brief

Objectives and Background

Although WHO produces evidence-based guidelines for driving the standard of care, these are often only available in a narrative format that is not readily able to be used within a digital system. Consequently, the translation of guidelines for digital systems often results in a subjective interpretation by implementers and software developers.

To ensure countries can effectively benefit from investments in digital systems, “digital accelerator kits” are designed to ensure WHO’s evidence-based guideline content is accurately reflected in the systems countries are adopting. Digital accelerator kits distill WHO guidelines and operational resources into a standardized format that can be more easily incorporated into digital tracking and decision support systems.

Digital accelerator kits provide a common language across various audiences: health programme managers, software developers, and implementers of digital systems to ensure a common understanding of the appropriate health information content within a defined health programme area, as mechanism to catalyze the effective use of these digital systems. The key objectives of digital accelerator kit include the following:

- Ensure the adherence to WHO clinical guidelines and consistency of the health content that is used to inform the development of a digital tracking and decision support system;
- Enable both health programme leads and digital health teams (including software developers) to have a joint understanding of the health content with the digital system, using a transparent mechanism to review the validity and accuracy of the health content; and
- Provide a starting point of the core data elements and decision support logic that should be included within the digital systems that health workers use during routine service delivery.

For each health programme area, the kits detail essential components for informing the content within digital systems, such as workflows, core data elements, decision-support logic, and metrics and reporting indicators, and functional requirements. The packaging of these components offers a starting point for countries to adapt to their local contexts and promote a transparent process for verifying and comparing the health content within the digital systems being implemented.

Digital Accelerator Kits across Sexual and Reproductive Health

Digital accelerator kits have been developed across range of sexual and reproductive health (SRH) areas, and currently being expanded to additional areas including immunization and HIV. These areas include antenatal care, family planning, sexually transmitted infections, along with an overlay of considerations to support adolescent sexual and reproductive health.
**Digital Accelerator Kit for Antenatal Care:**

Based primarily on the 2016 *WHO recommendations on antenatal care for a positive pregnancy experience* as well as related guidelines, this kit provides the core data elements, decision support logic, and reporting indicators that should be included within digital systems used by nurses and midwives during the provision of antenatal care services.

**Digital Accelerator Kit for Family Planning**

Developed in collaboration with UNFPA and JSI, this kit leverages the key WHO guidance to determine the core data elements, decision support logic, and reporting indicators that should be included within digital systems used by nurses and midwives when providing routine family planning services.

**Digital Accelerator Kit for Sexually Transmitted Infections:**

Developed in collaboration with UNFPA, this kit leverages key WHO guidance to determine the core data elements, decision support logic, and reporting indicators that should be included within digital systems used by nurses and midwives during the management of sexually transmitted infections.

**Geographic location**  
Global

**Main deliverables**  
Digital accelerator kits across SRH  
Country support to adapt digital accelerator kits within local contexts

**Partners**  
UNFPA, JSI, PATH

**Sources of funding**  
DFID  
UNFPA

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