

State of the art digital health projects build on existing evidence, and normative guidelines, frameworks, and tools in various areas, ranging from software development to financing and equitable programming. In the context of the GIZ Digital Innovation in Pandemic Control (DIPC) Initiative, the Robert Koch Institute, Germany, has conducted a comprehensive analysis on key digital public health definitions and concepts, and on 75 normative resources for digital health programming across 11 digital health topics, published between 2012 and early 2024 [\[link\]](#). Findings from the report have been summarized in form of 20 easy to use Factsheets. The current factsheet (17/20) summarizes the findings on the identified **Guidelines, Frameworks and Tools for Capacity Strengthening**, and examines resources for building digital literacy and workforce capacity in digital health, critical for sustainable and effective system adoption.

Factsheet 17

Guidelines, Frameworks and Tools for Capacity Strengthening



Target Audience

Primary Users: Healthcare Providers, Government Bodies, Ministries of Health.

Secondary Users: Developers, Donors.

Relevance

Empowering healthcare staff in all aspects of health ICT systems is crucial for the effective utilization, maintenance, and evolution of digital tools and systems.

Importantly, knowledge and skills required for digital health initiatives then become increasingly less reliant on external organizations, thereby promoting sustainability and long-term success.

Capacity strengthening plays a key role in addressing digital disparities. Providing targeted training to women or other digitally marginalized groups, facilitates intervention scale-up and promotes work, and economic possibilities.

Findings

Number of resources identified: 2

There is currently a significant gap in targeted guidelines and frameworks for digital literacy and competency training for health workers (HWs) and ICT staff in LMIC's. The OECD framework, although based on healthcare workers in the European region provides to some extent applicable guidance for DH planners and implementers around barriers and enablers for HWs to fully engage in the digital transformation of health systems. WHO's Digital Education for Building Health Workforce Capacity provides global mandates and a framework for policy development. Its focus is on the on digital education modalities for delivering medical education rather than the training of HWs to use digital tools.

Framework

Empowering the health workforce – Strategies to make the most of the digital revolution

A strategy document that discusses digital transformation challenges in European healthcare, focusing on health workers' experience with digital tools.

Published by: OECD

Year: 2019

Language: English

Guidelines

Digital education for building health workforce capacity

A guide for integrating ICT in health education. It emphasizes digital education's role in addressing global health workforce challenges and covers themes, including enrollment, learning outcomes, remote access.

Published by: WHO

Year: 2020

Language: English



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This is based on [“Navigating the Digital Health Ecosystem: A Review of Key Guidelines, Frameworks, and Tools”](#)

Read the full report [here](#) or scan the QR code

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