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# DigiHealthDay-2023

GLOBAL DIGITAL HEALTH - TODAY TOMORROW AND BEYOND

10  
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2023

## ABSTRACT

**Dr. Stephan Schug (Germany)**

### **Digitally-enabled heart failure journeys: from provider driven to patient centric solutions.**

Chronic diseases are an enormous challenge, for patients, families, healthcare providers, and society. Right now, an ageing baby boomer generation puts additional strains on health care systems. Fortunately, many digital tools and applications are meanwhile mature enough to support the chronically ill in managing their conditions. Digital tools also enable hybrid forms of care, i.e. to combine the advantages of both face-to-face and remote interactions.

One possible application of digital technology is to improve the care of heart failure patients by enabling seamless data exchange among different health care providers. This is in line with the aims defined in Germany's new interoperability governance (GIGV - Health IT Interoperability Governance Ordinance). Efforts of the gematik supported Interop Council aim at establishing a common interoperability framework based on international standards such as FHIR, the 11073 family etc., which have been widely adopted and recognized.

Wearables and Apps, especially DiGAs (Digital Therapeutics | DTx), enable patients with serious conditions to reduce their reliance on the physical availability of their healthcare providers. Instead, they can use self-management tools and processes that are flexible and adaptable to their needs, while being supervised and supported by health professionals who can intervene when





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necessary.

The recent legislative changes in Germany that support the use of telemonitoring for heart failure patients indicate that the opportunity for digital and integrated care for cardiac conditions is now more feasible than ever. Telemonitoring can enhance the quality and efficiency of care delivery, as well as empower patients to manage their own health. Therefore, it is essential to adopt this innovative approach in the field of cardiology and scale it up across different settings and populations.

The talk will concretely **start-off** from

- WHO's recent assessment of the Global status of Digital Health, mHealth, Telemedicine.
- **Highlight** basics of telemedicine in a European Perspective as well as the status in Germany, lagging overall behind in digital health innovations particularly vis-à-vis the tax founded, centrally governed NHS systems (Beveridge).
- **Pinpoint** the current regulatory framework for Digital Health in Germany, pushing it forward becoming a leader in the domain of Digital Therapeutics (DTx)/DiGAs.
- Provide a **deep dive** into methods and outcomes of the INA (Interoperability Navigator for Germany) Work Group "Analysis of status quo of Heart Failure Patient Journeys" and next steps for German Governance for Interoperability in care for cardiac patients.
- **Touch** on the "Wearables revolution", i.e. transforming the standards of clinical medicine.
- **Peek** into EHDS perspectives for their implied certification and labelling requirements.

