

Cyber Ethics 4.0: Serving Humanity with Values



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Module 10

Digital Health

Introduction

- mobile health (mHealth);
- health information technology (IT);
- wearable devices;
- telehealth and telemedicine;
- personalized medicine.



Digital Health Development Challenges

-How does digital health fare with respect to the demands of evidence-based medicine?

-How can public trust in digital health be generated and sustained?

-What policy gaps can and should be addressed through global policy instruments and what instead require specific initiative in the Swiss context?

Digital Health and the Quest for Evidence

100K genomes cohort in the UK;

the All of Us cohort of the
Precision Medicine Initiative in the
US;

the Million Veteran Program;

The Evidence Base for Digital Health

Mining large-scale
data repositories;

Data variety.

Ethical and
Policy
Challenges in
Digital Health

Privacy and
Security

Ethical and
Policy
Challenges in
Digital Health

Privacy and
Security

Trust

Ethical and
Policy
Challenges in
Digital Health

Privacy and Security

Trust

Accountability



Governance
Approaches in the
Development
of Digital Health

Global Perspective

Governance Approaches in the Development of Digital Health

- Global Perspective

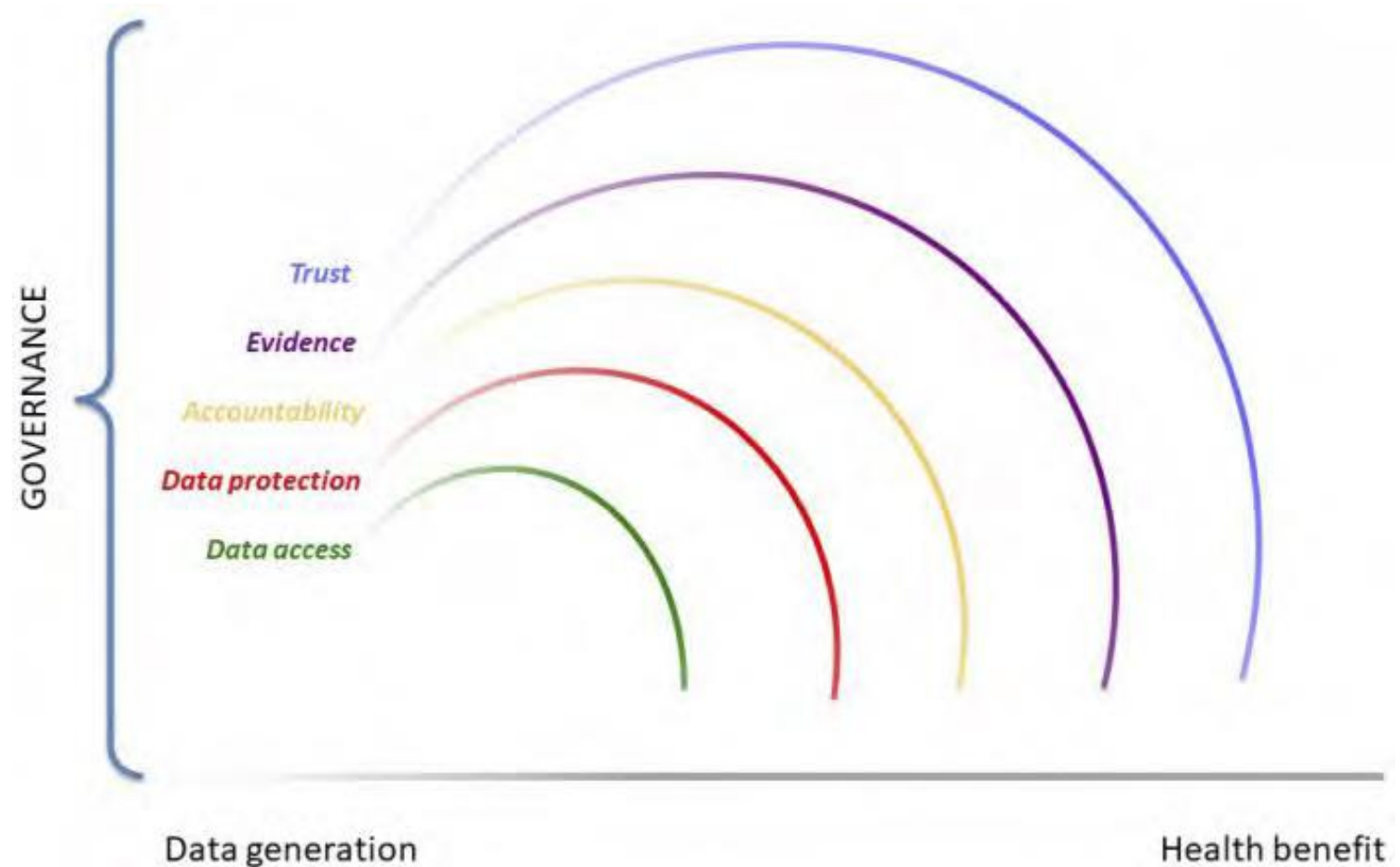


Figure 1 Conditions of innovation in digital health

Governance
Approaches in
the
Development
of Digital
Health

Global
Perspective;

The Swiss
Context.



Public Engagement

Citizens and patients are increasingly becoming the driving forces behind digital health developments. The extensive adoption and sustainability of health data exchange depend upon information technology that facilitates patient engagement and the earning of public trust.

The End