



National Data Streams

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The vision

SwissPedHealth

Readiness of routine pediatric data for research, health-policy and audits

LUCID

Monitor and study hospitals' quality of care with routine data & PROs



IICU

Personalized assessment and outcome prediction of infections in ICU patients

SPO-NDS

Decision support for personalized therapies in oncology tumor boards

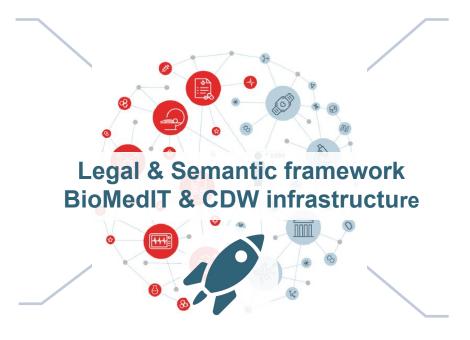
Key achievements through SPHN-PHRT-NDSs

SwissPedHealth

Overarching governance
Broad pediatric scope
Clinical study
Diverse and future-oriented
data infrastructure & PPI

LUCID

Co-lead CHUV & SDSC Wide data quality checks Patient partners' panel Third party data use



IICU

Governance board Cross-ICU-ID-Microbio collaboration @5 sites Integration of SPSP infrastructure

SPO-NDS

Overarching governance Clinical study Core SPO data flow for tumor boards

Identified barriers across all NDS

Regulatory and institutional barriers



Infrastructure, costs, and incentives translation between clinical researchers and biomedit tech support

Data accessibility, interoperability and integration to ensure usability



Workforce and skills development



Identified facilitators

Cross-NDS and cross-institutional collaboration.



Interdisciplinary, disease-independent and domain-specific approaches



Patient & Public involvement and engagement



Championing and expertise at hospitals



Opportunities towards a learning healthcare system in Switzerland

Simplify data accessibility, inter-operability, and usability

☐ Future use in e.g. NCCR

Leverage third party
use for interdisciplinary
and educational aims

☐ Grant projects, Master's...



Patient centered & value-based health care approach

Establish sustainability of NDS including quality improvement for hospitals

☐ Third party use cases

Get out of silos: (data, ethics, clinical, institutions, domains)

☐ Data governance boards

For more information on the National Data Streams:

visit the ateliers at 1 pm!







