

# 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

Interoperable, fit for purpose and reusable data

## 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

Legal & Semantic framework  
BioMedIT & CDW infrastructure



## 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

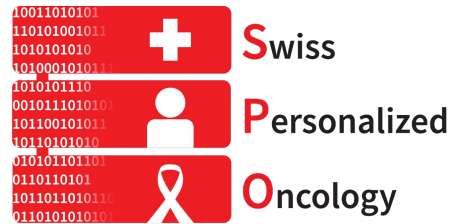


# Opportunities towards a learning healthcare system in Switzerland



# For more information on the National Data Streams:

## visit the ateliers at 1 pm !



# IICU