

# LOW VALUE CARE IN MEDICAL HOSPITALIZED PATIENTS

## A NATIONAL DATA STREAM ON QUALITY OF CARE IN SWISS HOSPITALS

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& LUCID CONSORTIUM



## DIVING INTO HOSPITALS OVERUSE

Monitor and study quality of care in Swiss hospitals

LUCID GOALS

➔ more specifically, identifying Low Value Care practices



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Monitor and study quality of care in Swiss hospitals

➔ more specifically, identifying Low Value Care practices

### Why ?

- Number of patients and cost of care are expected to increase
- Low Value Care represents up to 20% of healthcare costs
- No systematic monitoring of the value of care in Swiss Hospitals
- An NDS is key to efficiently study Swiss healthcare practices

### How ?

- Promote data-driven benchmarking and targeted quality improvement actions
- Build Low Value Care indicators, based on the *Choosing Wisely Initiative*
- Collect Patient Reported Outcomes (PROs) to personalize hospital care in future

# STRONG SYNERGY

CLINICAL EXPERTS + IT / DATA SCIENCE

LUCID NDS

GOVERNANCE



SPHN PD Dr. Marie Méan

PHRT Dr. Guillaume Obozinski

## Interdisciplinary team

- Medical
- Nursing care
- Data Science experts

## Tandem in each hospital

- Clinical
- IT/ data science

## Scientific board

- Highly qualified experts
- Critical perspective

## Representative board

- Healthcare impact
- Patients needs
- Dissemination of results

## PP Involvement

- PPI experts in LUCID
- Coordinator hired
- Priorities defined

## Stakeholder

- Choosing Wisely/ smarter medicine

EXECUTIVE

ADVISORY

PATIENTS & PUBLIC



# SPHN COMPLIANT AND TECHNICALLY FEASIBLE

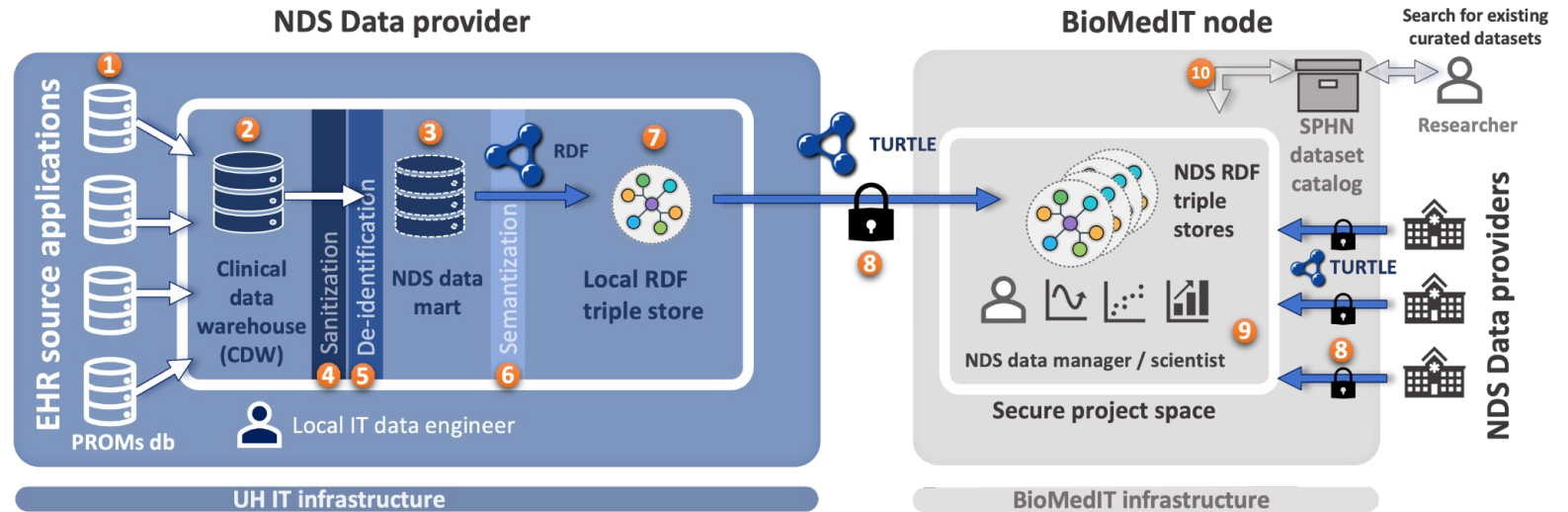
Large health-related registry

Robust dataset of existing unexploited hospital data

New Personalized Data: standardized PROs

Data management for high quality, secure and traceable data

## DATA FLOW AND MANAGEMENT



Strengths of LUCID



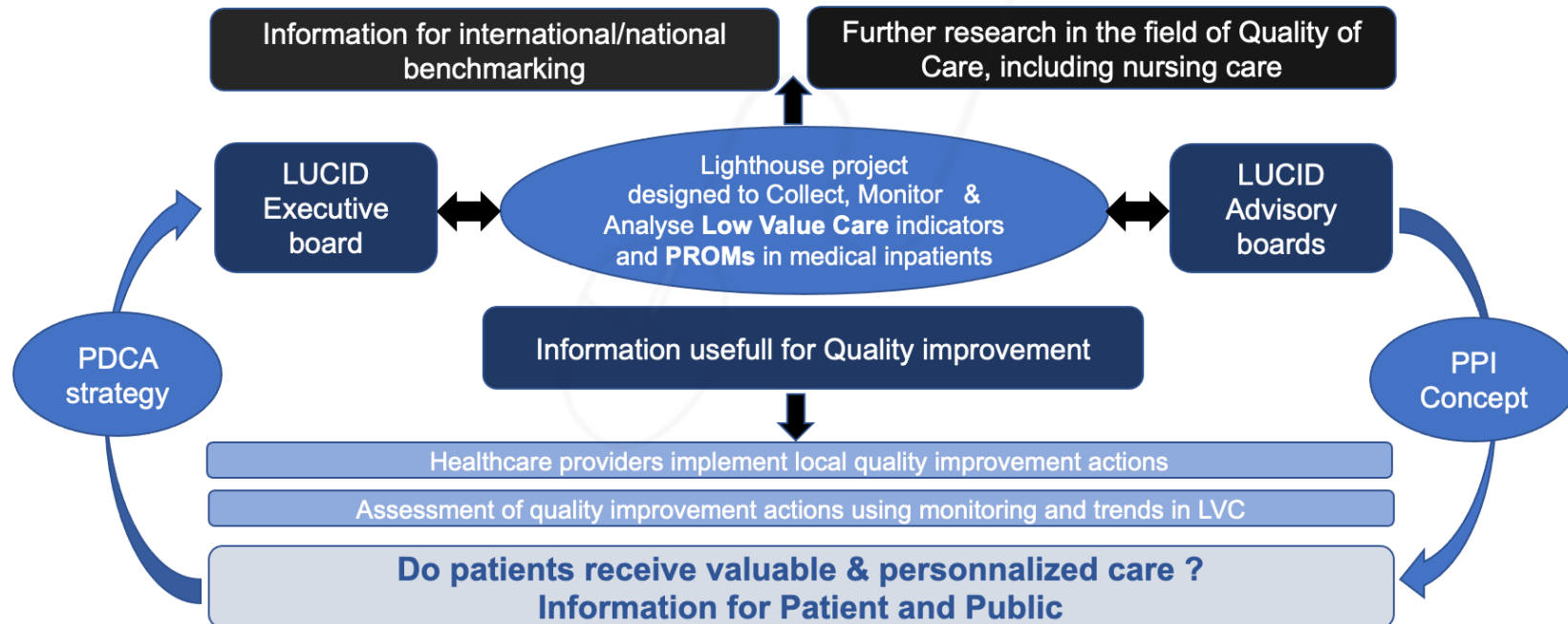
Feasible within 3 years

Potentially sustainable beyond funding

## LESS CARE FOR BETTER CARE

1. We will create a registry of **LVC indicators** based on Choosing Wisely recommendations
  - for e.g. : % of elderly patients receiving benzodiazepines during hospital stay
  - to monitor numbers, trends & consequences of **LVC** in medical inpatients
2. We will implement the collection of **PROMs** in medical multimorbid morbid inpatients (i.e. symptoms, QOL, distress)

### LIGHTHOUSE PROJECT



# CONSORTIUM AND PARTNERS

## DIRECTORS



PD Dr. Méan



Dr. Obozinski

## INTERNAL MEDICINE EXPERTS



PD Dr. Vallelian



PD Dr. Baumgartner



Prof. Aujesky



PD Dr. Stirnemann



Prof. Bassetti



Prof. Meier

## IT / DATA SCIENCE EXPERTS



Prof. Lovis



Dr. Raisaro



Dr. Stieljes



Prof. Leichtle



Dr. Riba-Grognuz

## DATA & PROJECT MANAGEMENT



Ms. Abed-Maillard



Dr. Matthey-Doret

## PPI EXPERTS PARTNERS



Dr. Despraz



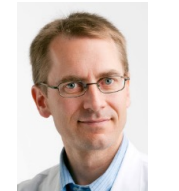
Dr. Rueter



Prof. Chioléro



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