

HIMSS[®] 26

EUROPE

19-21 May | Copenhagen

Guylian Stevens

PhD. ir. ing.

Staf Member CTO Maria Middelaes



#HIMSS26EUROPE

DISCLAIMER: The views and opinions expressed in this presentation are solely those of the author/presenter and do not necessarily represent any policy or position of HIMSS.

EXPERT **INSIGHTS**
EXCEPTIONAL **IMPACT**



A value based phygital care path for patients after complex surgery

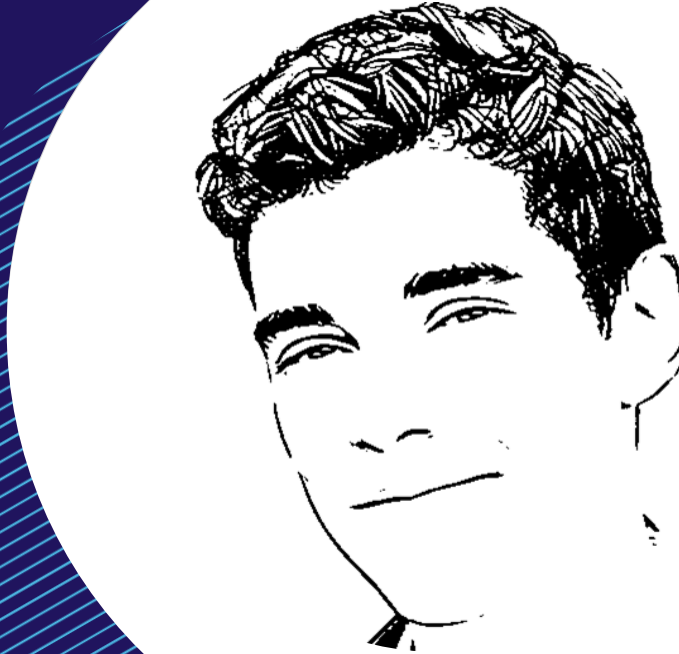
Welcome

A value based phygital care path for patients after complex surgery

Welcome

Guylian Stevens

PhD. ir. ing.
Staf Member CTO Maria Middelaers



A value based phygital care path for patients after complex surgery

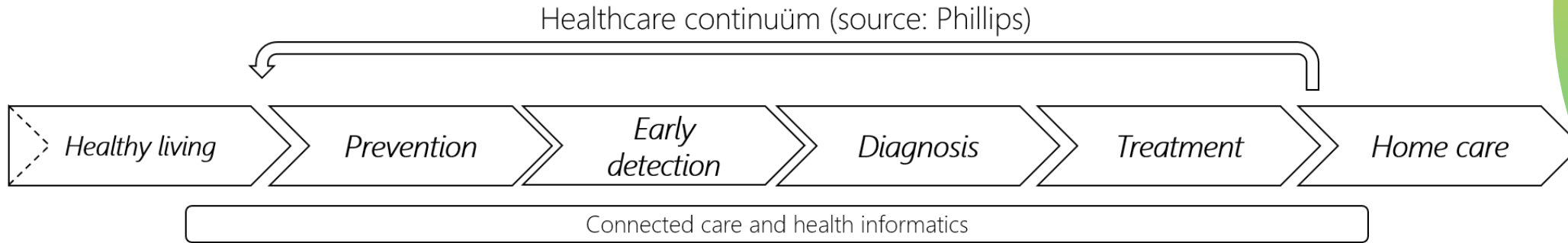


Maria Middelaes as a phygital hospital



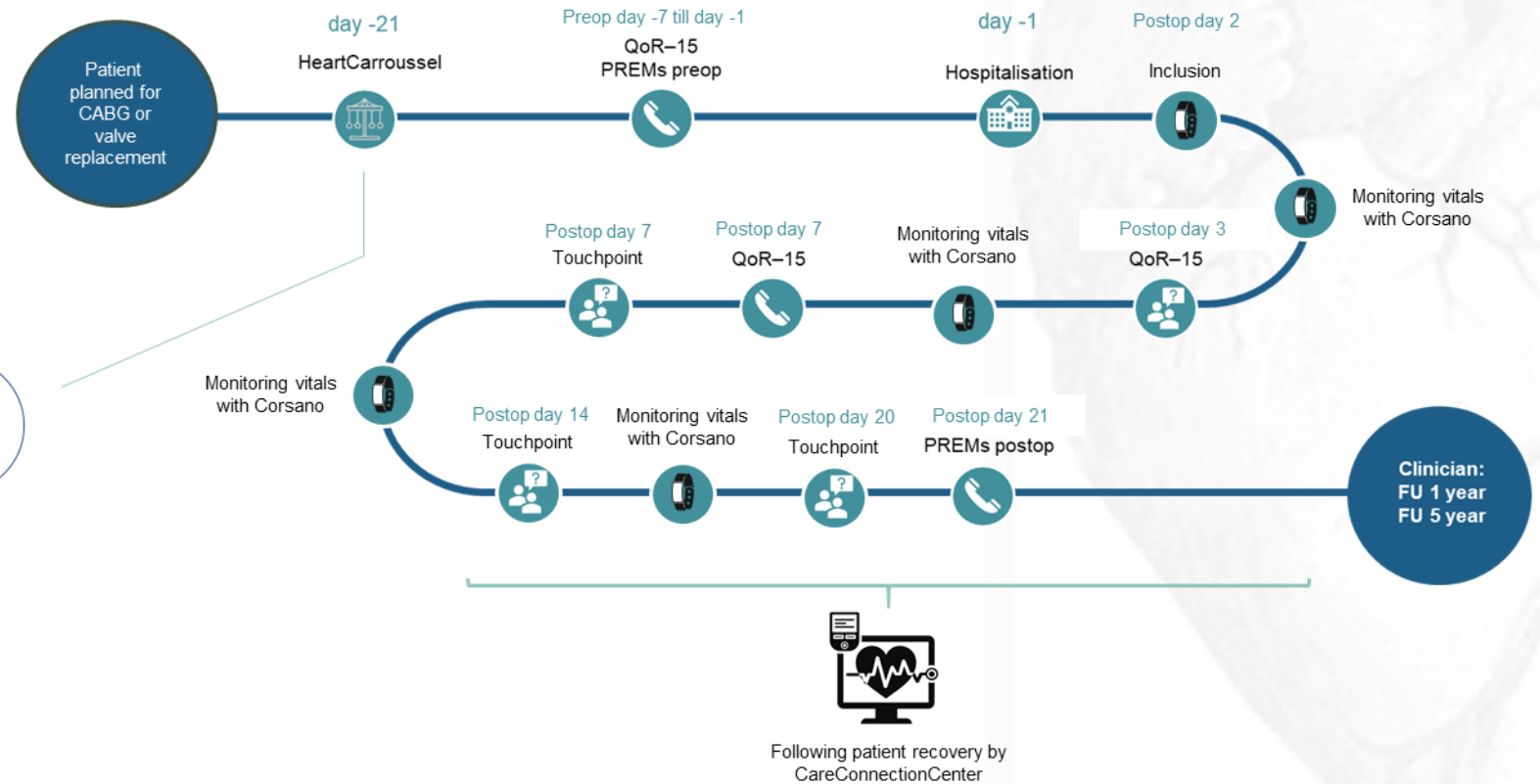
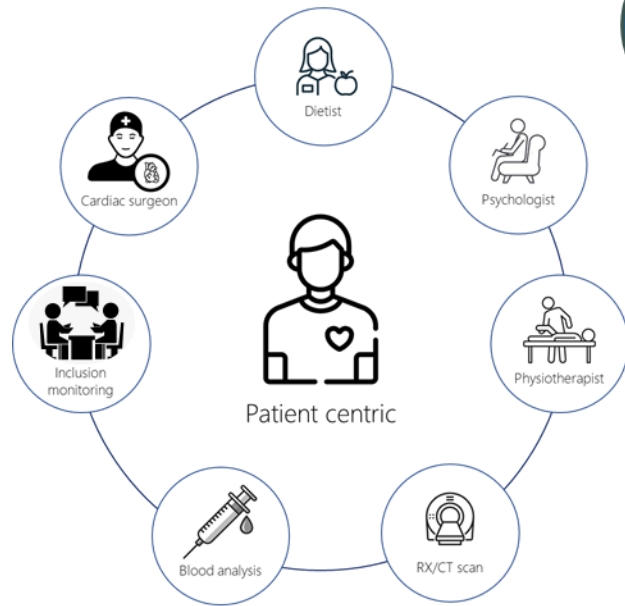
A value based phygital care path for patients after complex surgery

Healthcare continuum



A value based phygital care path for patients after complex surgery

Value-based careplan in Cardiac surgery



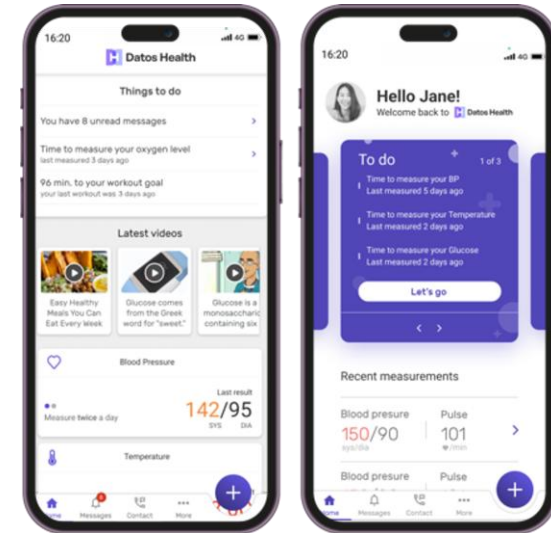
A value based phygital care path for patients after complex surgery



Corsano™ Multi-parameters monitoring

“
**Carepath
integrated
technology**”

Datos Health: AI-Driven Hybrid Care Platform



A value based phygital care path for patients after complex surgery

Corsano™ Multi-parameters monitoring

Parameters:

Heart rate, Respiratory rate, T°, SpO2, Blood Pressure, sleep, activity, HRV, spot-check ECG

Continuous measurements

EWS-score

Threshold based alarms

Reusable and cleanable wristbands



A value based phygital care path for patients after complex surgery

Datos Health: AI-Driven Hybrid Care Platform

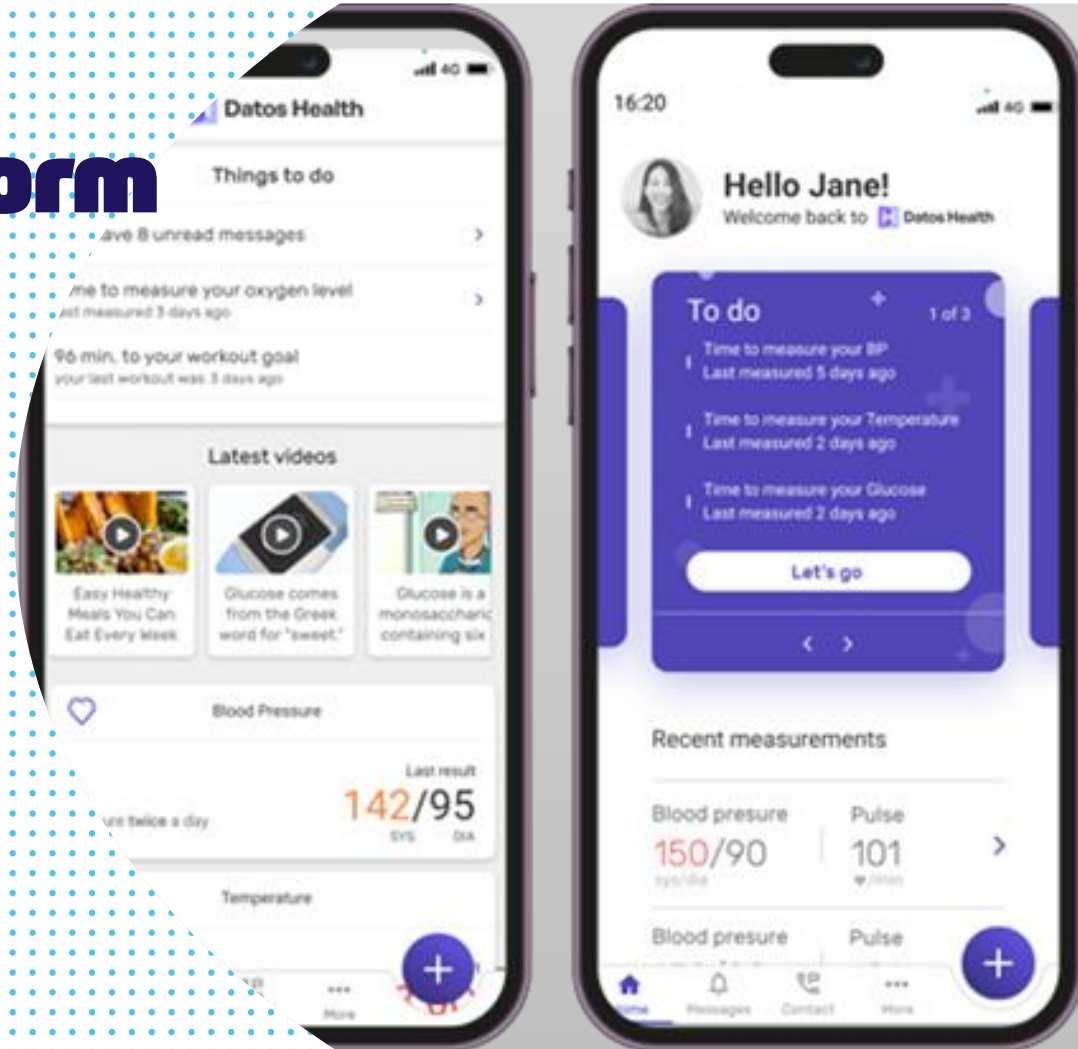
Digitally enrolled carepath

Questionnaires: QOR, PREM, ...

Documentation and information brochures

Follow-up

....



A value based phygital care path for patients after complex surgery

Care connection center

3 dedicated teams

Intake – follow-up – technical helpdesk



Intake

Patients are enrolled in phygital carepath 1 day after surgery



Daily follow-up

Patients parameters are followed-up daily by dedicated nurses based on clinically validated protocols



Cardiac surgeons

If deviating parameters are noted, the cardiac surgeons can be consulted at all time



Referral to GP or ED

Based on their advise patient are referred to general practitioners or emergency departments

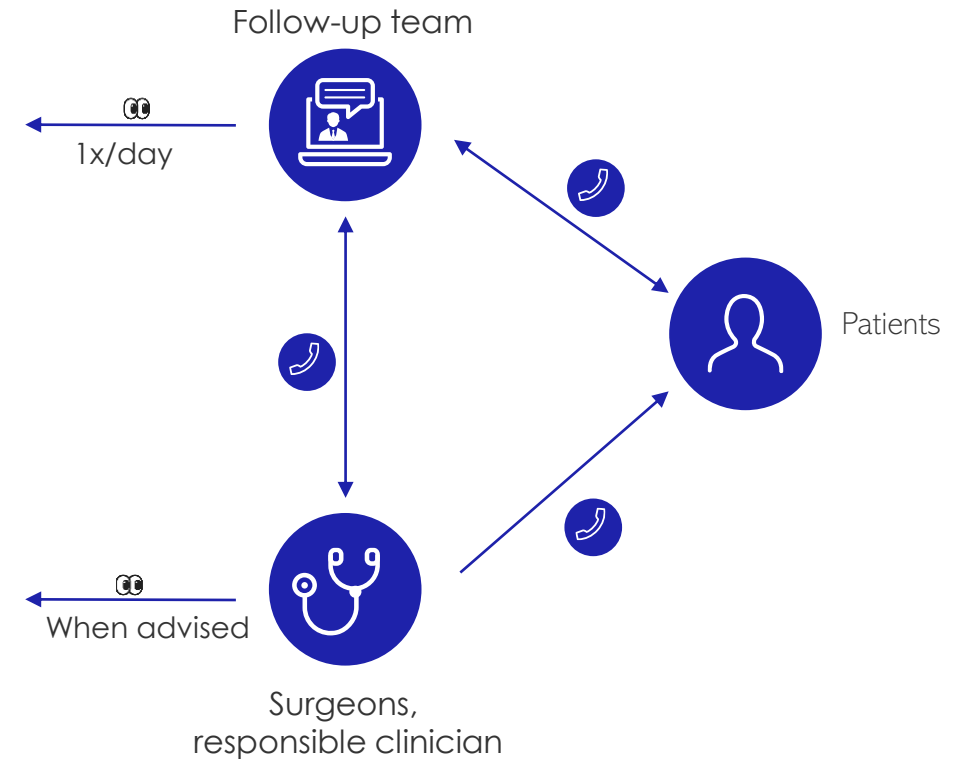


Technical support

Technical helpdesk is available for patients and care teams

A value based phygital care path for patients after complex surgery

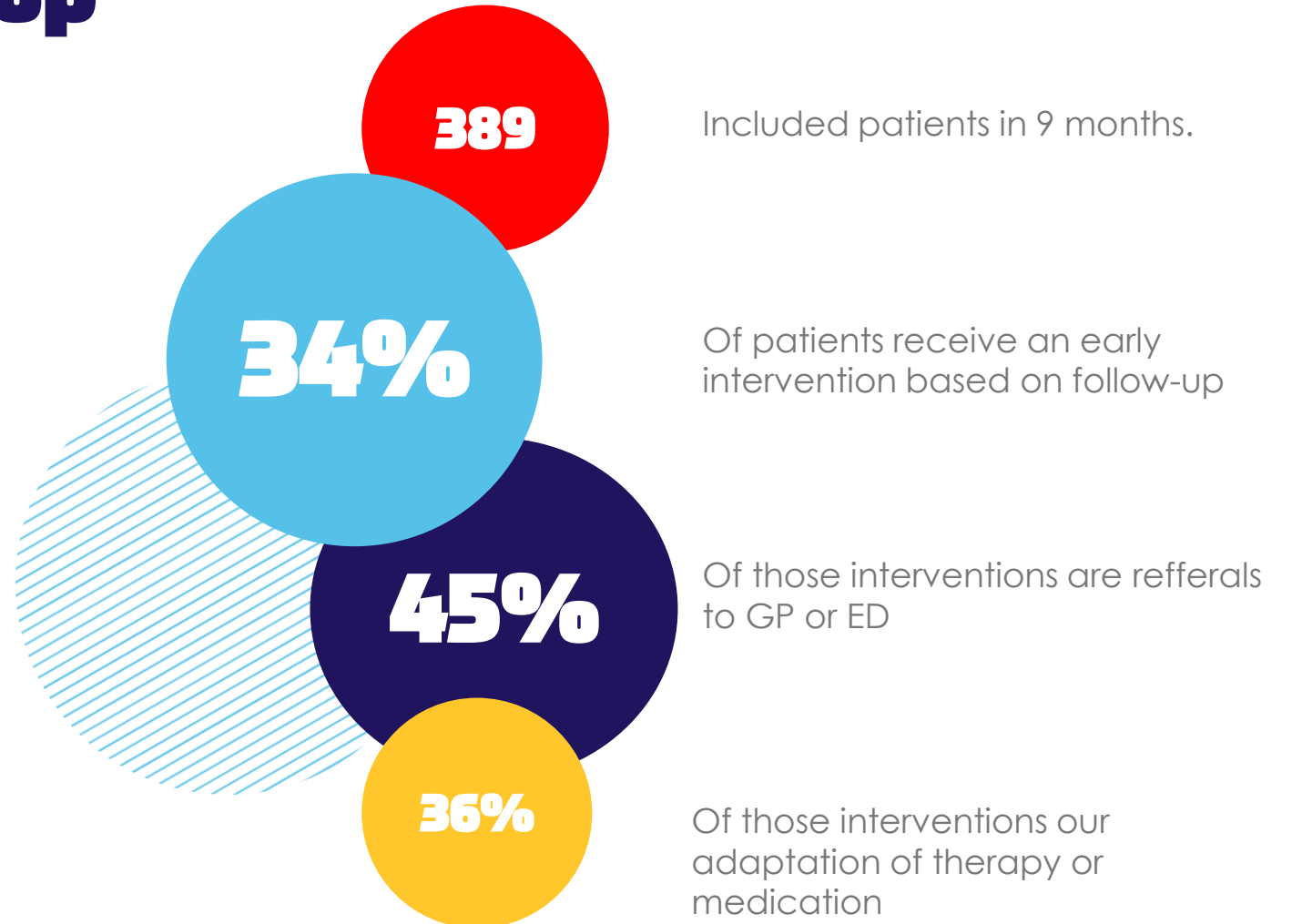
Care connection center



Numbers in follow-up



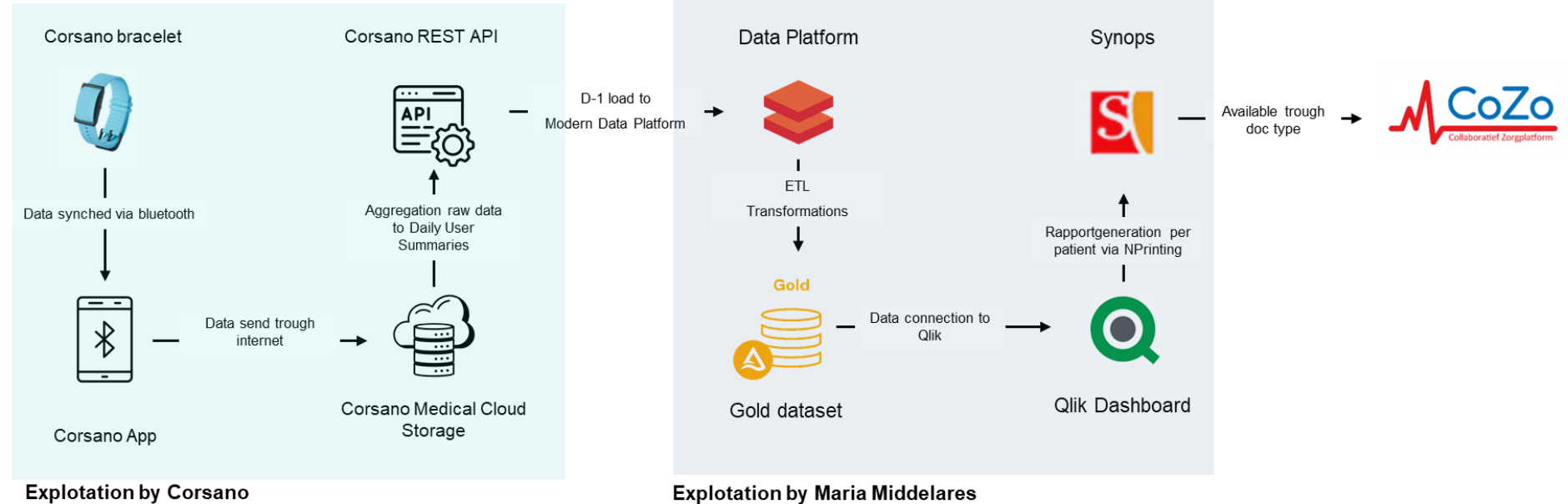
Of operated patients are included in digital carepath



Transmural communication

Information for general practitioner

Weekly report with aggregated datapoints regarding heart rate, respiratory rate, blood pressure, oxygen saturation, temperature, ...





Other implementations

Prostatectomy, continuous ward monitoring, short time monitoring in emergency department, elderly care centra, ...

HIMSS[®] 26
EUROPE

Thank you

