Living healthier lives Personalizing care with AI





Surgery

- 8-10% of all people annually
- 40% of health care budget







Impact of post-op infections

- 5th cause of death globally
- 17 to 25% of all patients
- Antibiotic resistance major challenge

Diagnosis on average on day



Current standard

- Pre-op scores
 - <70% accurate</p>
 - Static
 - Limited and laborious
- Biomarkers
 - <70% accurate</p>
 - Do not predict and invasive
 - Expensive (>\$20 / measurement)

Reactive & & non-personalized care

Solution

NO NEW HARDWARE NO NEW MEASUREMENTS A machine-learning-based

plugin

that predicts **post-operative**

infections by re-using existing

EHR data to prevent or treat

infections early









Links risk to action based on local protocols



~90% accuracy 5 days prior to diagnosis



Affordable & value-based price model



Real-time risk assessments



Personalized treatment

Goals

- Preemptive and personal risks assessment
- Appropriate monitoring & ABx
- Used with existing sepsis workflow:
 - Reduce infections & sepsis
 - Reduce hospital cost by >\$10M



Current status

- First paying hospital partners
- 40+ international hospital partners
- Partnership Cerner: 7,543 hospitals
- Partnership talks started with Chipsoft, EPIC, Allscripts and others: 9,000+ hospitals
- 1.2M EUR funding raised

- Adding data (1.5M patient files)
- Adding functionalities
 - Type and source of infection?
 - Resistance?
 - Time to onset?
 - Best intervention

Roadmap

- Multicenter trial(s) with Cerner & other EHR providers (2019 Q3/4)
- CE mark (2020 Q1/2)
- A Round (2020 Q2)
- FDA process start (2020 Q1/2)
- Grow to 50 paying customers (2020 Q4)
- New products?



Key opinion leaders



Challenges to EHR-based AI tools that we overcome:

- 1. Transportability
- 2. Operationalisation:
 - a. Standardisation -> CareAware
 - b. Connection & security
 - c. Work-flow integration
 - d. Implementation, action & behavior change
- 3. Governance
- 4. Transparency

Our team



Bart Chief Executive Officer

in



Adrian Head of Technology

in



Lukas Head of Development

in



Olivier Head of Operations

in

Our experience

- 25 years in machine learning
- 15 years in front- & back-end design
- 15 years in clinic and research
- 10 years in major & award-winning IT projects

Let's start delivering proactive care

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