



Sandeep Gopalakrishnan

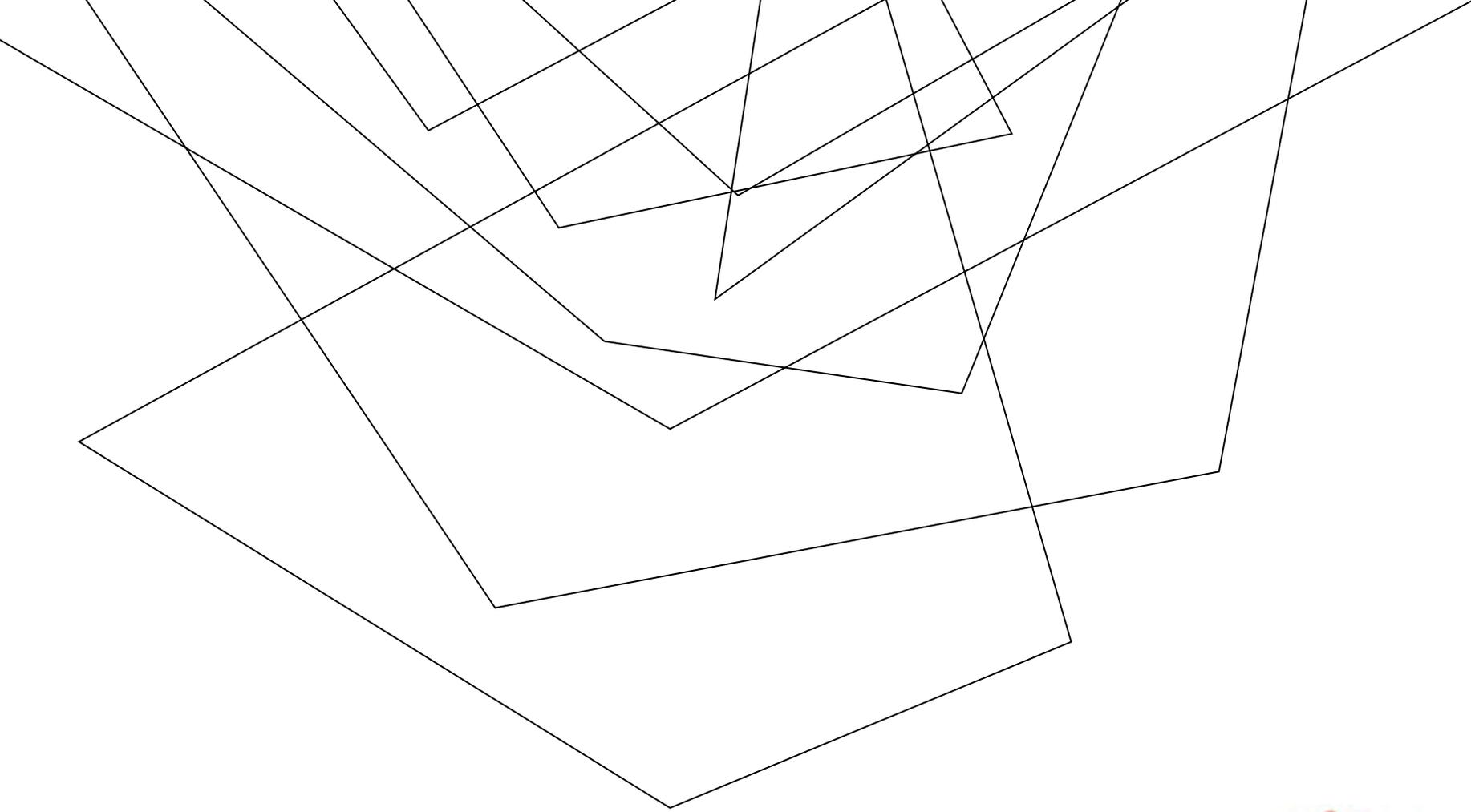


Assistant Professor and Director of Wound Healing and Tissue Repair Lab (WHTRL)
at the UW-Milwaukee College of Nursing and CEO/Co-Founder



MegaPerceptron:
Revolutionizing the Healthcare Ecosystem with AI





Predicting wound healing outcomes with big data



What we are



Zeyun Yu, Ph.D.
Professor, Department of Computer Science
University of Wisconsin at Milwaukee

AI/ML RESEARCHER



Sandeep Gopalakrishnan, MS, Ph.D.
Assistant Professor, College of Nursing
University of Wisconsin at Milwaukee

**WOUND HEALING AND TISSUE REPAIR
RESEARCHER**

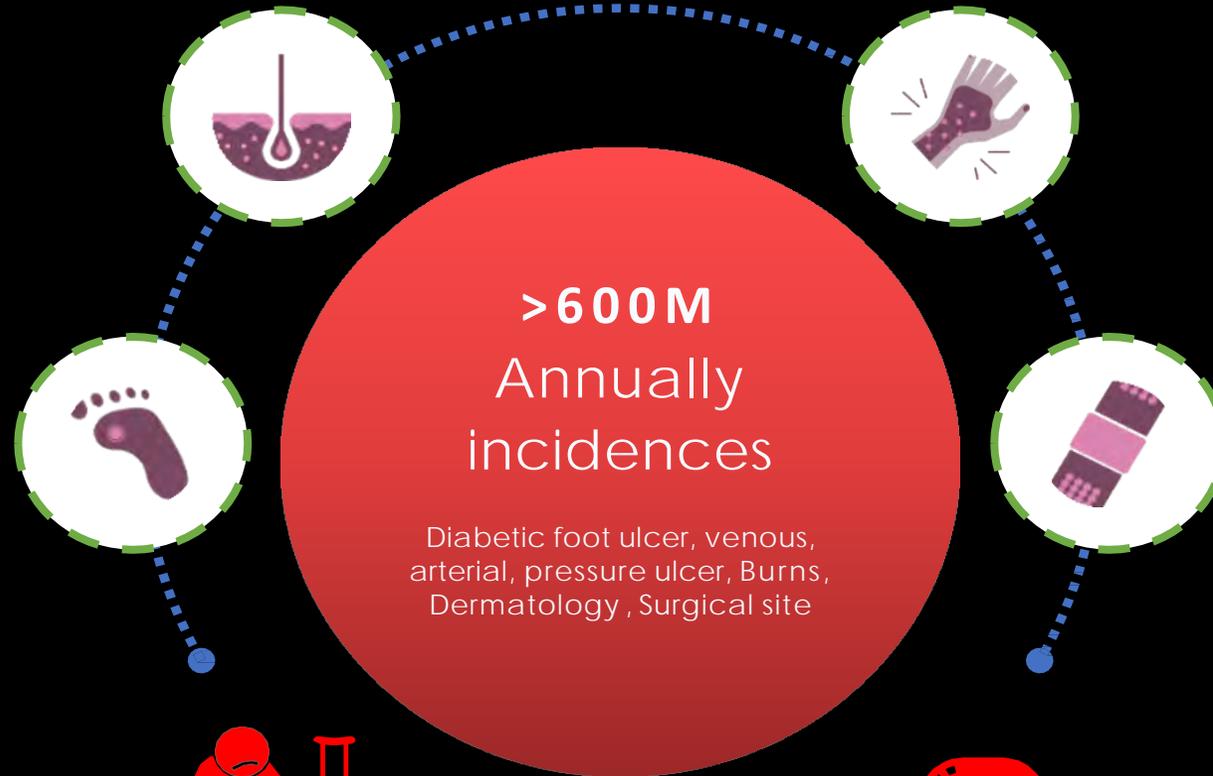


Jeffrey A. Niezgoda, MD, FACHM, MAPWCA, CHWS
President & CMO WebCME
President & CMO RxOS Medical
CMO, Kent Imaging

**CLINICIAN AND KOL IN WOUND CARE,
HYPERBARIC AND VASCULAR
MEDICINE**

WATCH VIDEO

PROBLEM: CHRONIC NON HEALING WOUNDS



1 AMPUTATION
EVERY 30 SECONDS
5-year mortality rate
~ 2 times of cancer



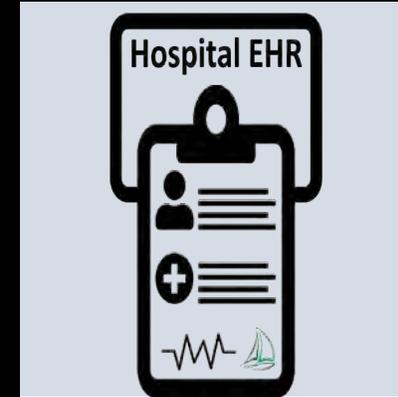
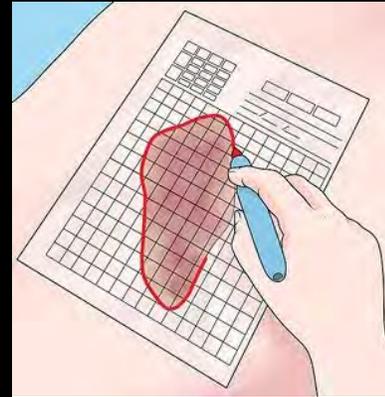
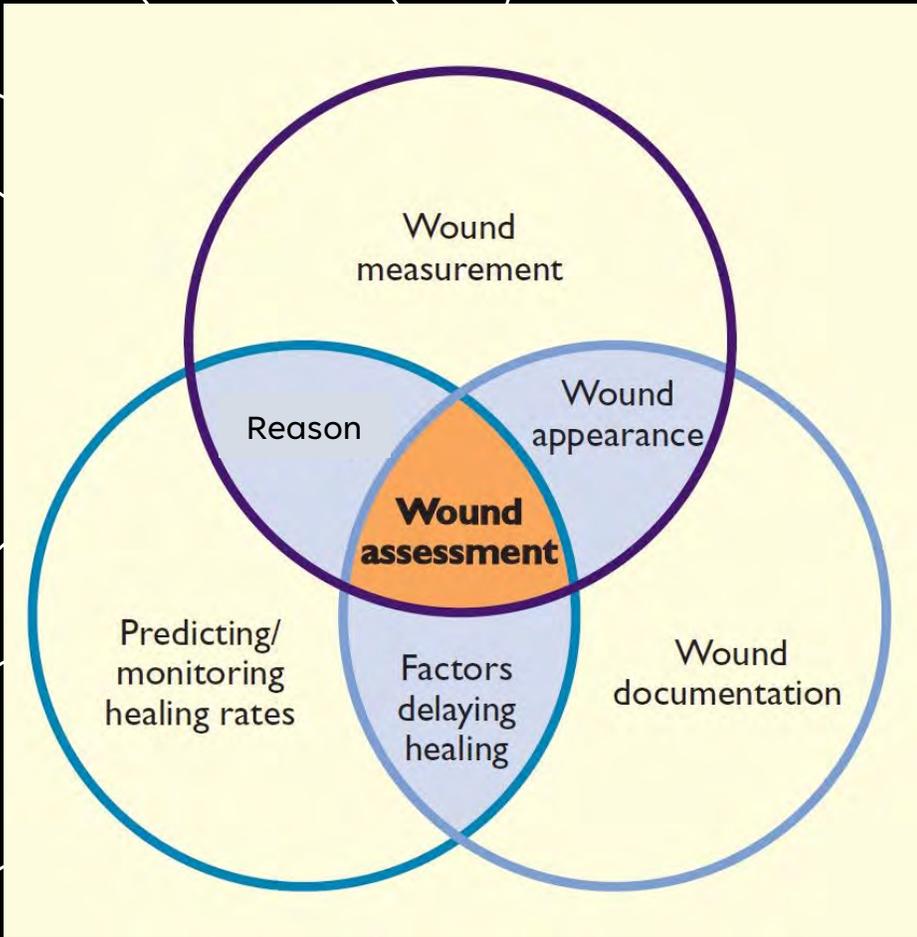
> 50 BILLION USD COST

Wounds are complex. Wound management doesn't have to be.

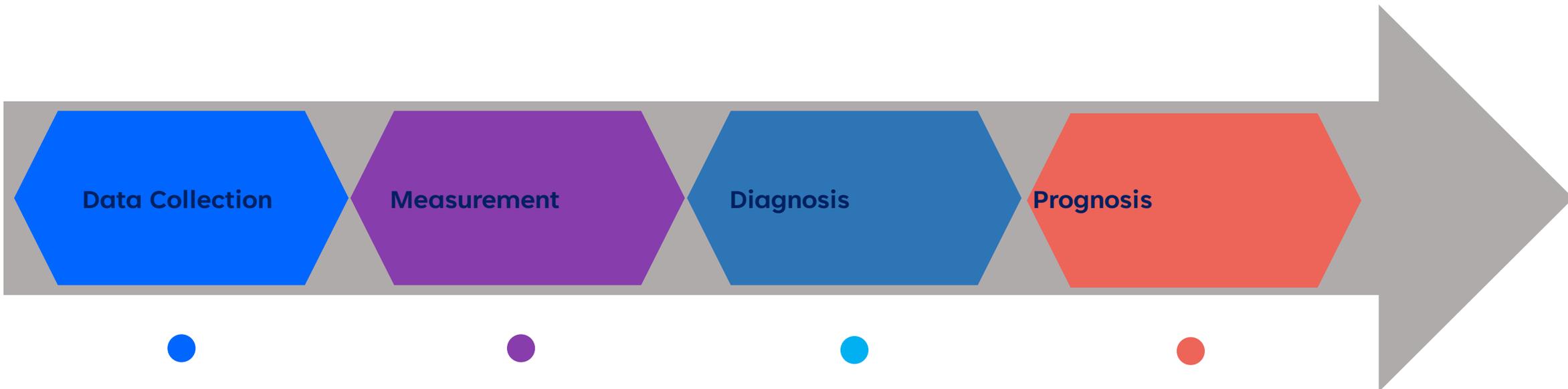
From Basic Research



Lean Startup Framework



SOLUTION: AI IN WOUND CARE

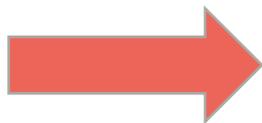
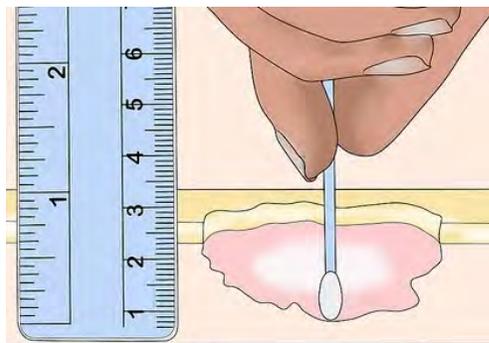


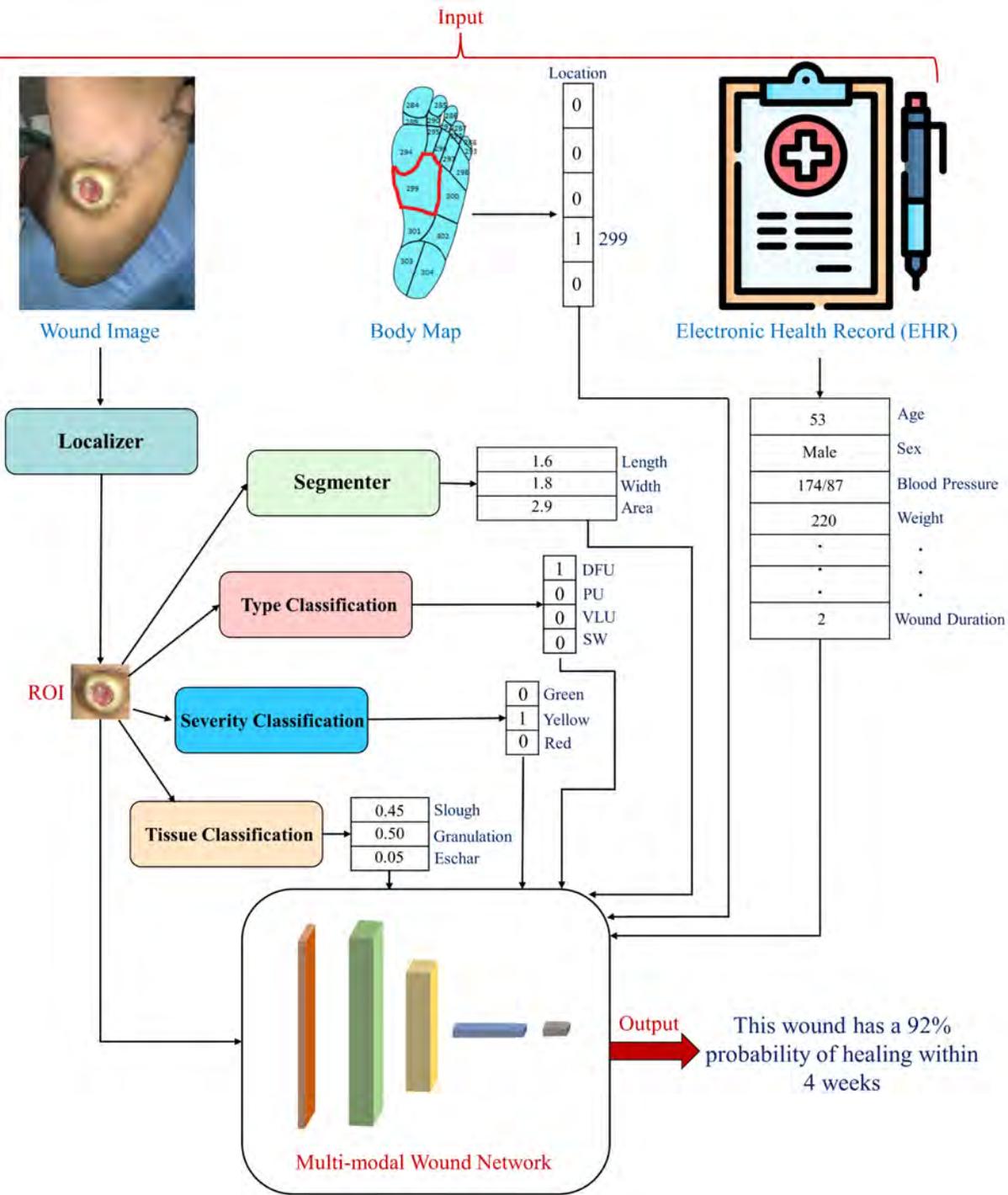
Imaging & EHR

2D&3D Image Analysis

High-Level Assessment

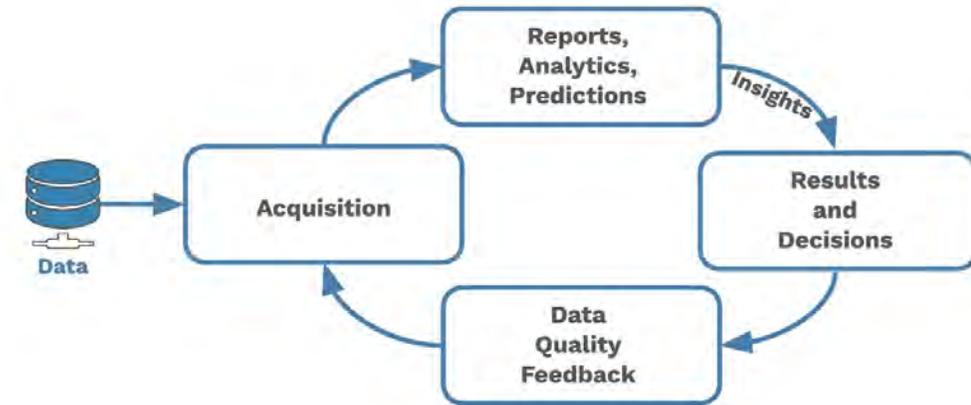
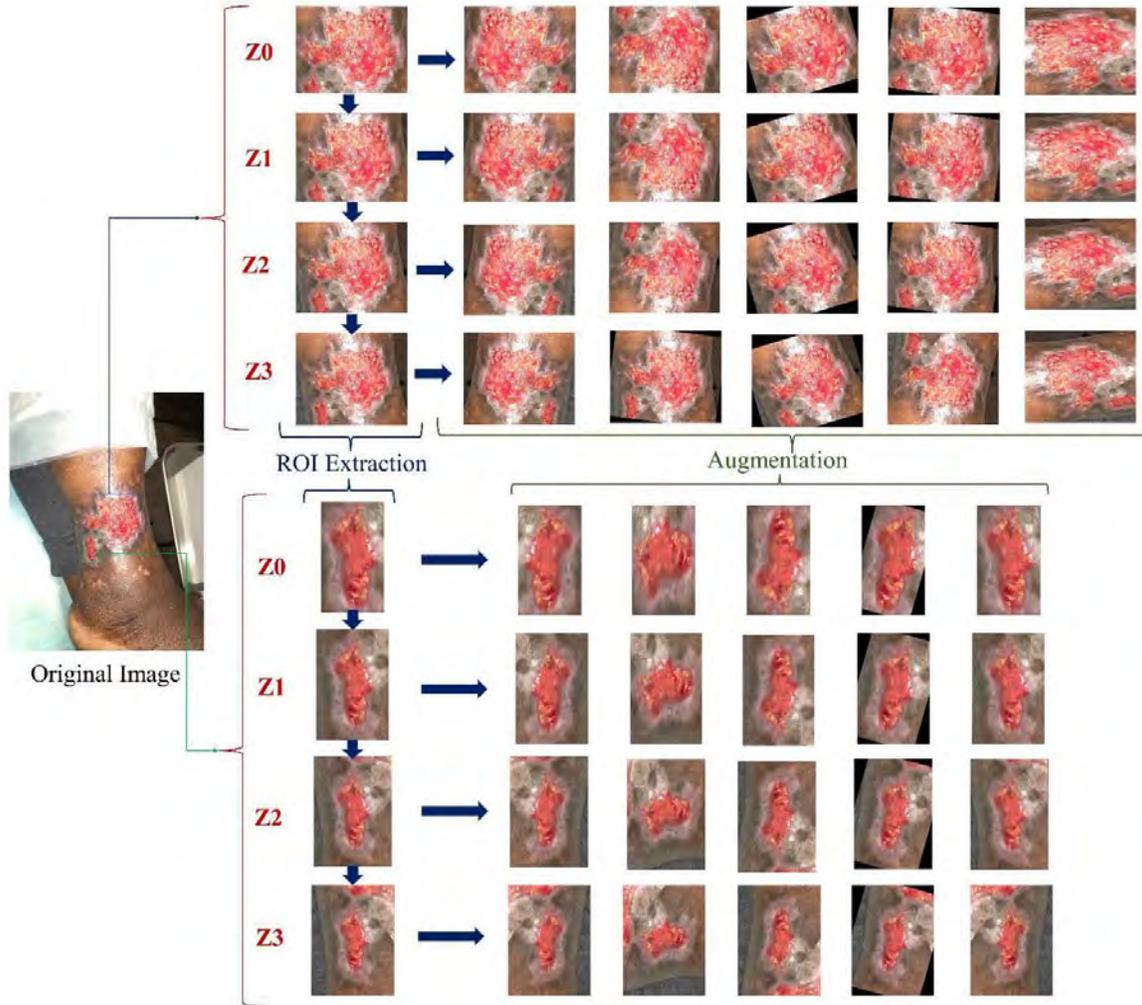
Wound Healing Modeling





MegaPerceptron have proprietary software, algorithms and Datasets.

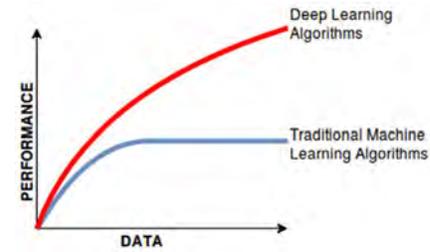
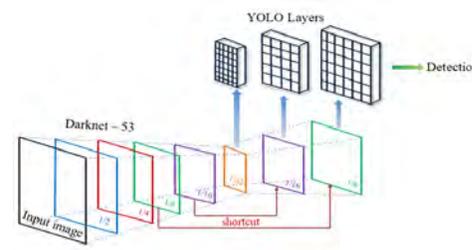
Our Dataset is our strength: **Clinician Annotated Data**



CLOUD-BASED WOUND ANALYSIS



Cloud server



diagnosis

prognosis

Managing data and integrating with EHR

Collecting wound characteristics

Communicating with Caregivers

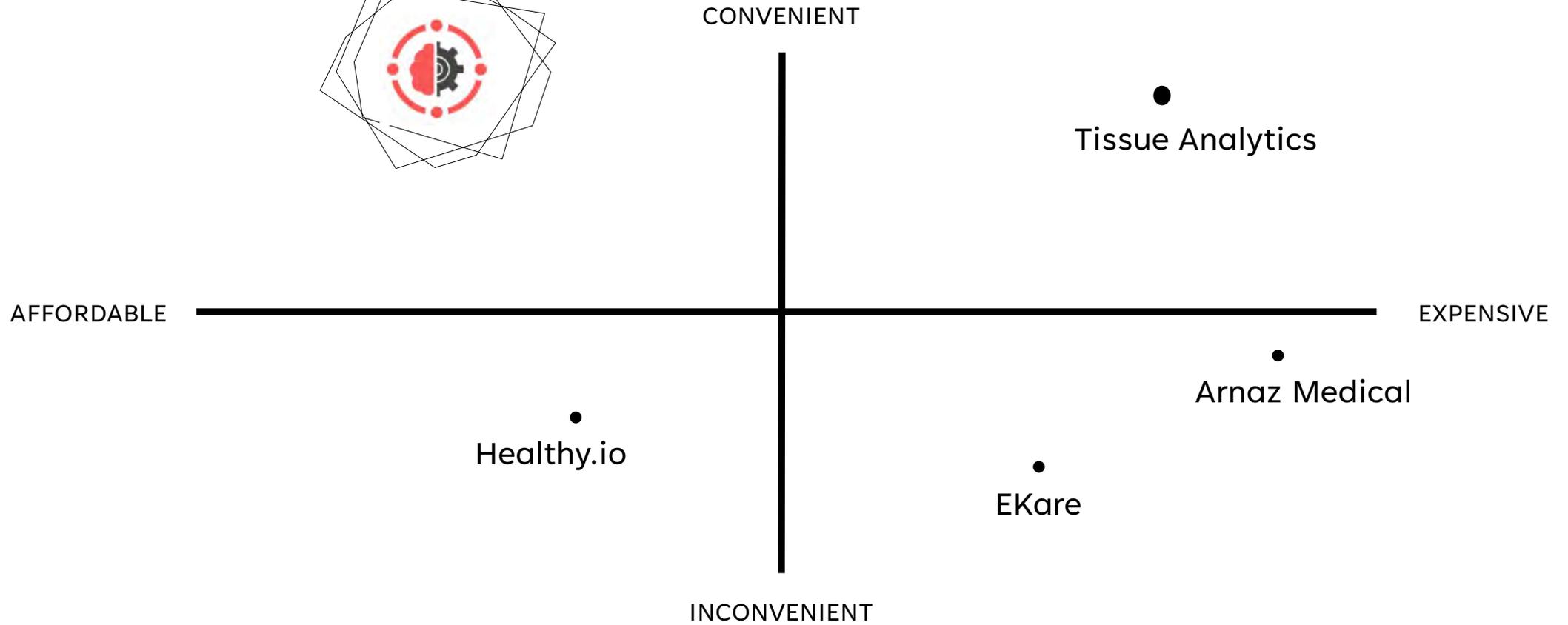
Self Management

Patient

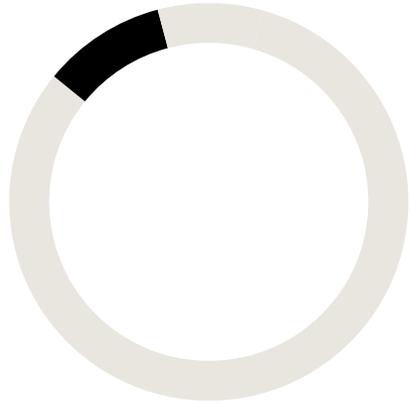


Provider

OUR COMPETITION

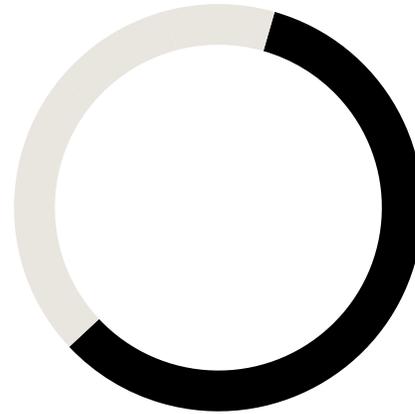


FUNDING



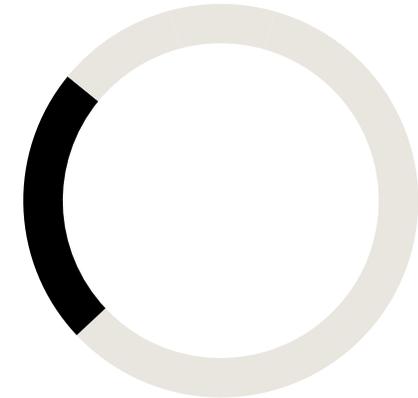
\$30,000

Bradley Catalyst grant,
UWMRF



\$139,080

UWM Discovery and Innovation
Grant (DIG) Program



\$78,024

CEAS stimulus program

Commercial Partners:



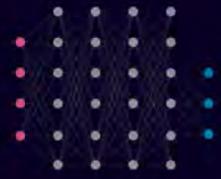
How Much Money MegaPerceptron Needs **Now?**

\$500,000/next 18 months

Build Infrastructure
Collaborate on Data
Hire AI/ML professionals
Scaling
Launch the platform



The Next Frontier of Healthcare Delivery is..... A smart data driven digital platform



Integrated



In the Home



Driven by Data
and AI/ML technology



Patient Centric



MegaPerceptron



Ambulatory



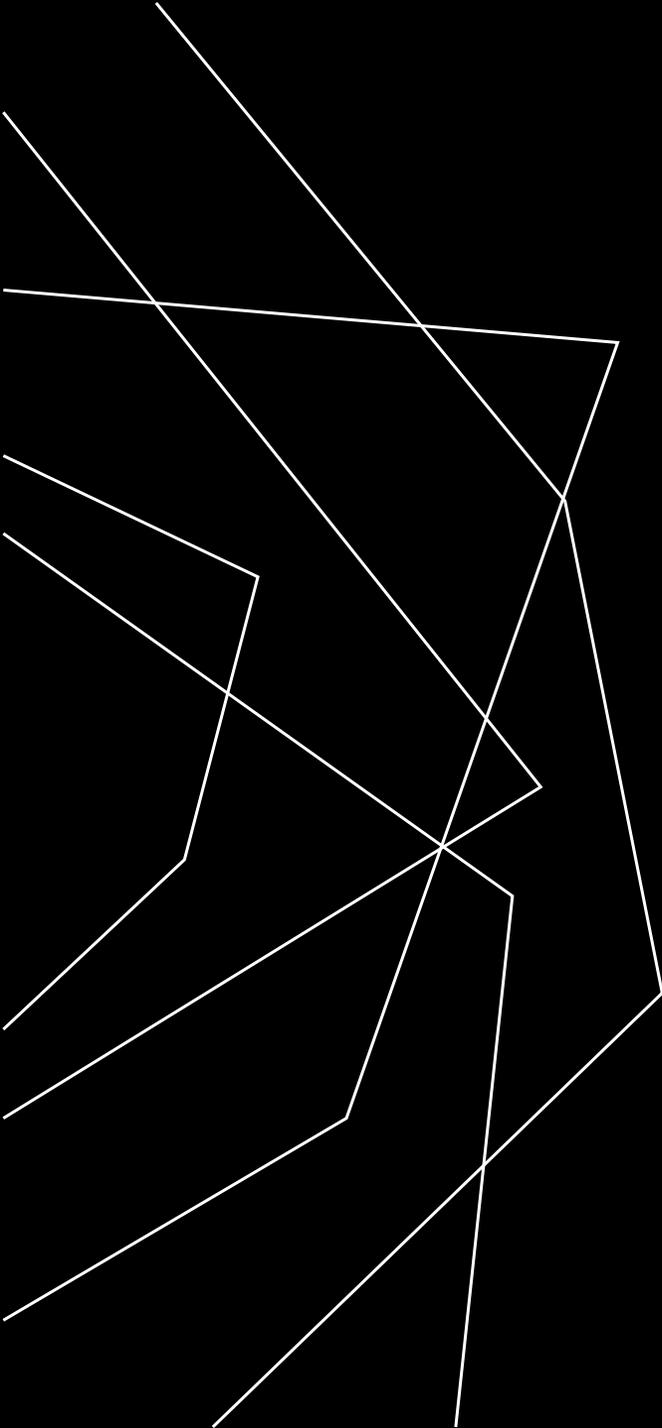
Real time monitoring



Virtual

Next Steps





THANK YOU



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