

Sourcing Solutions & Saving Babies

*How Parkview Innovation collaborates with Startups
to Transform Healthcare*

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 **PARKVIEW**
MIRRO CENTER
FOR RESEARCH AND INNOVATION

Welcome

Our Mission

Parkview Health is a not-for-profit, community-based health system serving a northeast Indiana and northwest Ohio population of more than 850,000. Parkview Health's mission is to improve health and inspire well-being in the communities it serves. With more than 15,000 co-workers, it serves as the region's largest employer.

Our Vision

Empower Innovators to transform healthcare through innovation, research, and simulation.





How it
started...

The Problems



Infant Mortality

Worst in the Midwest

7.3 deaths per 1,000 live births

7th worst in US (2017)



Maternal Mortality

Worst in the Midwest

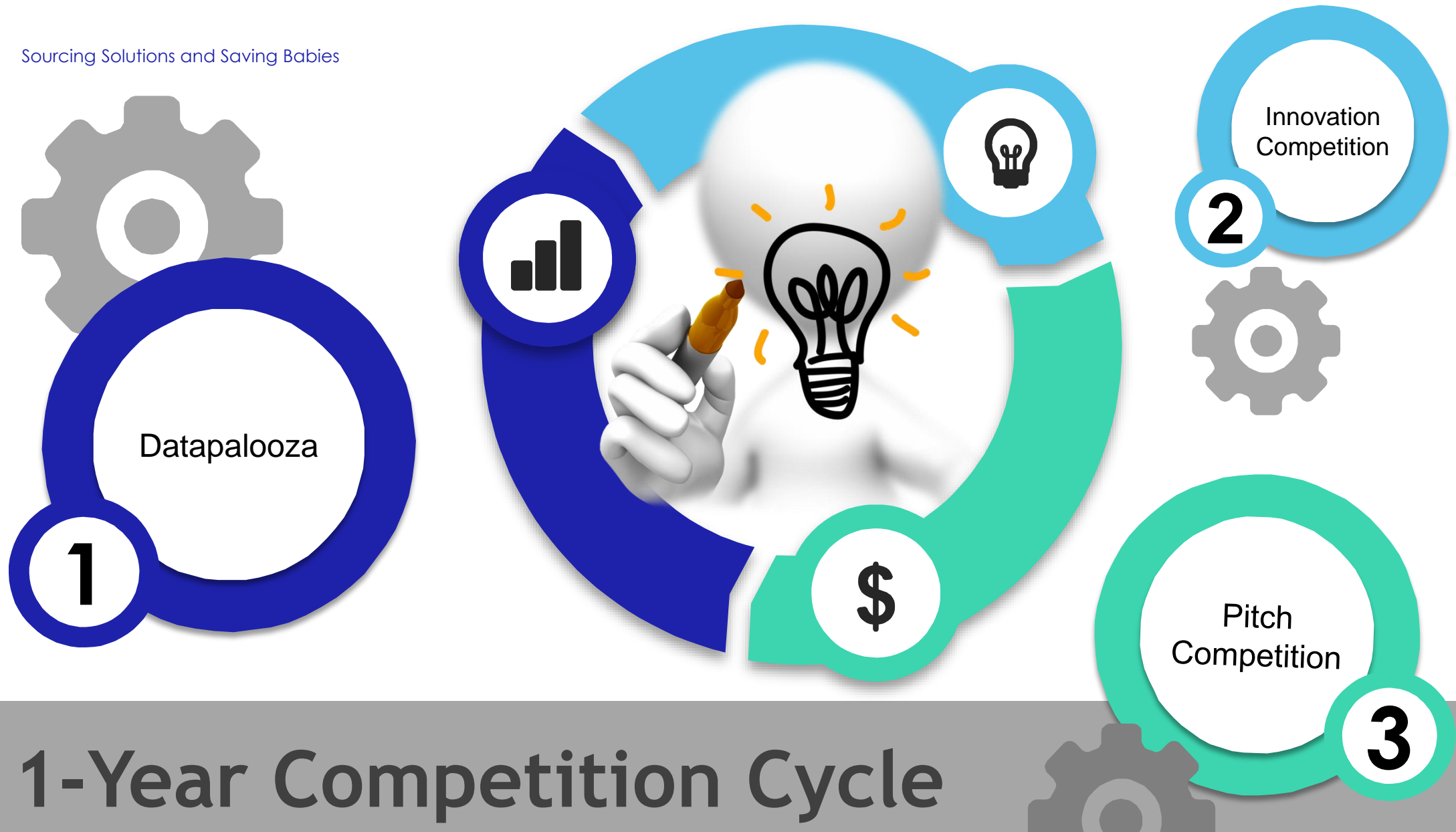
43.6 deaths per 100,000

3rd worst in US (2021)



The Challenge

Be the best in the Midwest by 2024
Save 200 babies a year by 2024

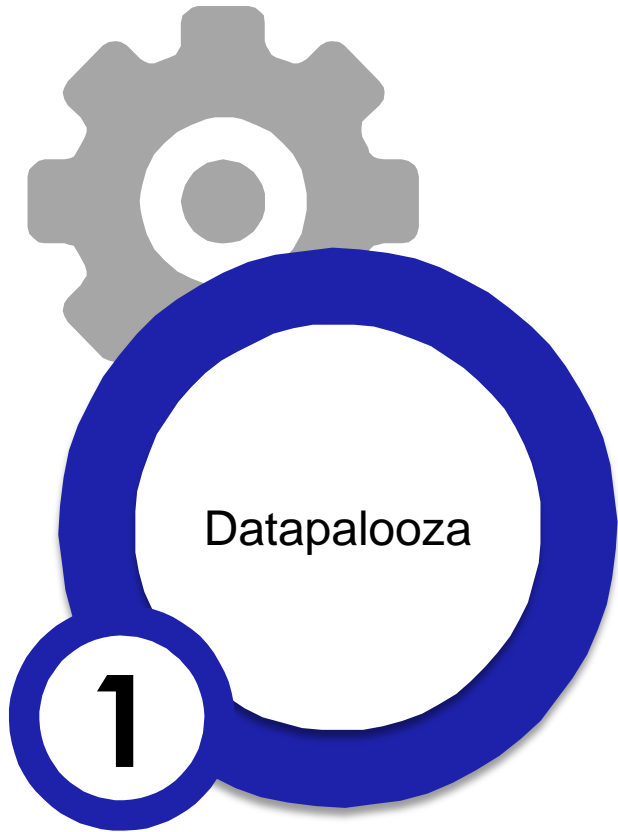


1-Year Competition Cycle

A competition to unlock the power of data and improve health outcomes for Indiana's mothers and infants.



Healthy Mom + Baby Datapalooza



HIMSS
INDIANA
CHAPTER



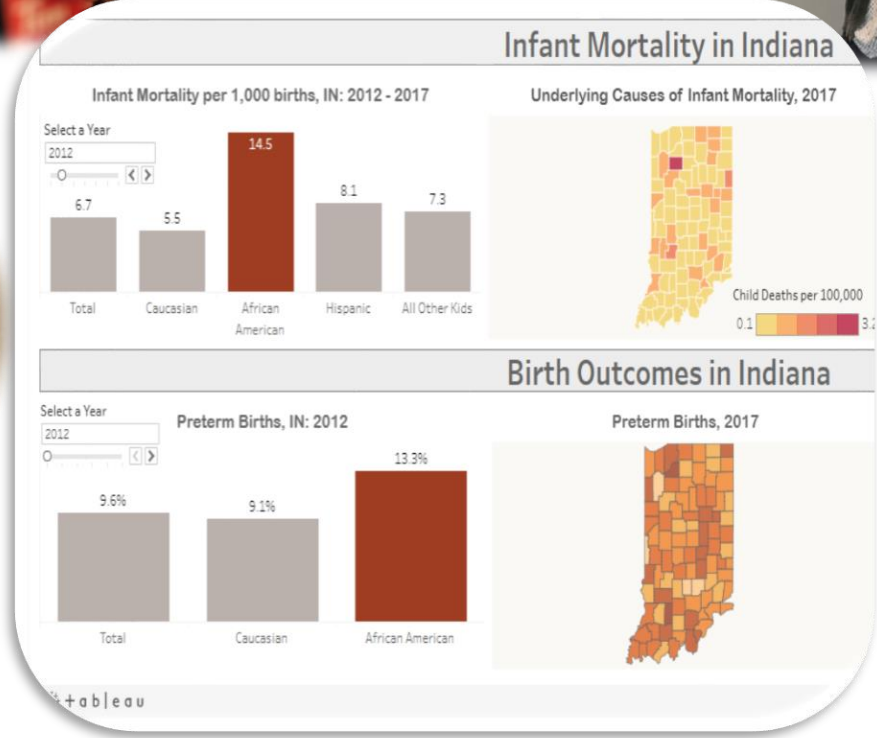
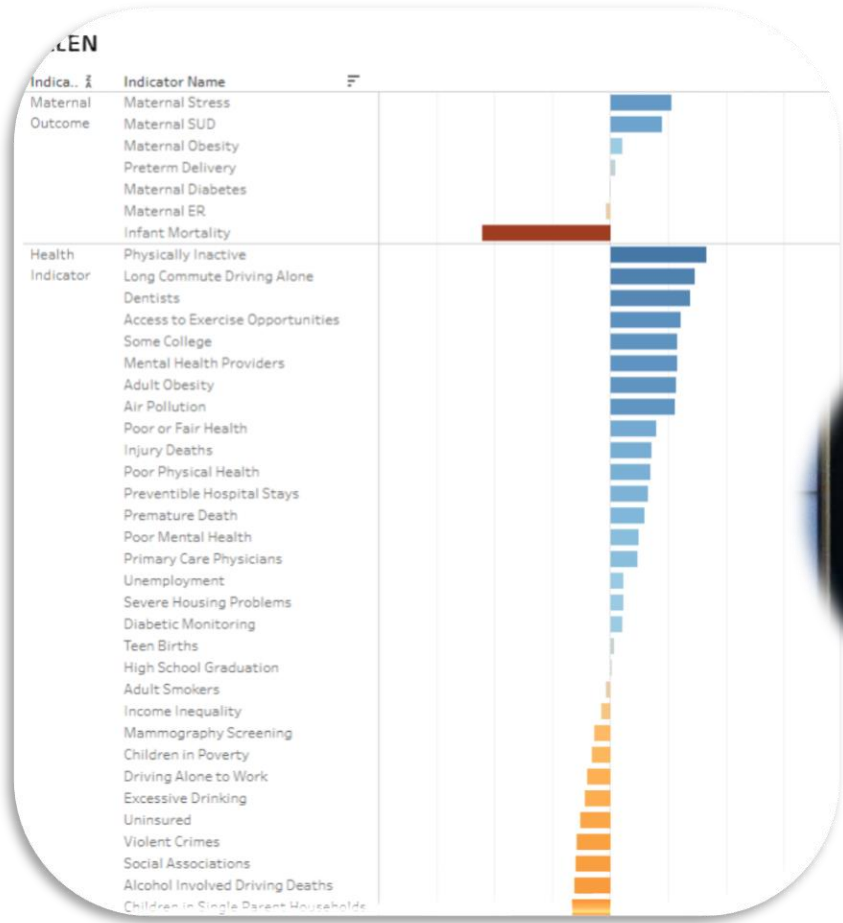
MANAGEMENT
PERFORMANCEHUB



Indiana State
Department of Health

Datapalooza Partners

Sourcing Solutions and Saving Babies



Healthy Mom + Baby Datapalooza

Healthy Mom + Baby Innovation Competition

A competition to unlock the power of innovation to improve health outcomes for Indiana's mothers and infants.

Challenge Statements:

- How might we equip pregnant mothers with innovative solutions or programs to ensure a healthy pregnancy and postpartum?
- How might we help babies become, and stay healthy and safe postpartum?

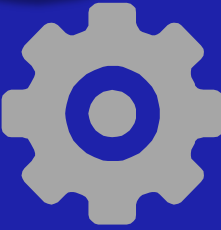
Accelerator

- ▶ Incubation/Acceleration - 10 weeks
- ▶ Mentorship from Matter, Parkview, and other subject matter experts
 - ▶ Needs Assessment
 - ▶ Framing Hypothesis
 - ▶ Input from SMEs
 - ▶ Drafting and Validating Proposals
 - ▶ Practice Pitches



Innovation
Competition

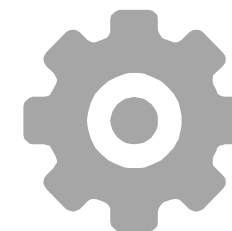
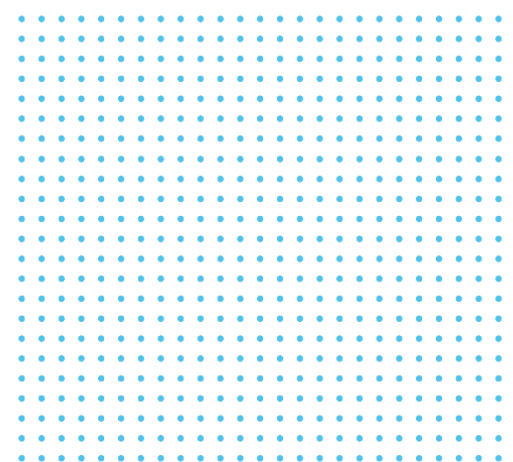
2.5



Healthy Mom + Baby Pitch Competition

A competition to empower innovators to improve health outcomes for Indiana's mothers and infants

- ▶ Winner receives pilot partnership opportunities with Parkview Health
- ▶ Continued mentorship from Matter Health










HEALTHY KIDS HEALTHY FUTURE
A PEDIATRICS INNOVATION COMPETITION






**HEALTHY MOM & BABY
INNOVATION
COMPETITION 3.0**
2022






**HEALTH MOM & BABY
INNOVATION COMPETITION 2.0**
REDUCING MATERNAL MORTALITY FOR
UNDERREPRESENTED MOTHERS



**HEALTHY MOM & BABY
INNOVATION COMPETITION**






Where do we focus our efforts?

We seek “iceberg” solutions to problems – those solutions that attack the root of big, hairy health problems

- ▶ Early-stage companies
- ▶ “Giant Leap” technologies
- ▶ Device useability
- ▶ Solutions for underrepresented groups



Parkview Innovation : Our Work



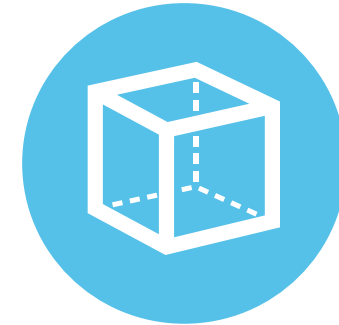
Internal



Startup Services



*Innovation
Competition*

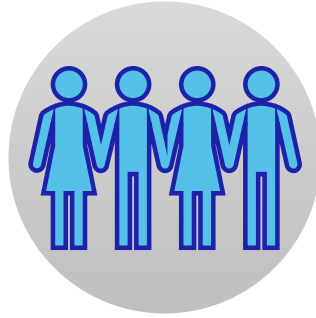


*3D Printing
&
Production*



FDA Human Factors Testing

Fulfill FDA submission requirements



Pilot Study

Test your solution "in the wild" with our clinicians and patients



Innovative Coaching

Gain valuable feedback from our expert coaches and clinicians



Clinical Research

*Phase I & Phase II trials
Comparative Studies*



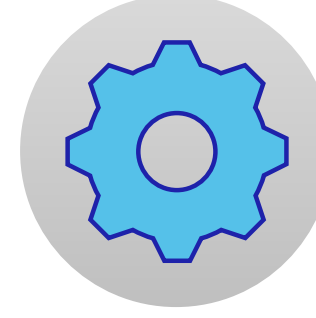
Focus Groups

Validate needs and product concepts through researcher-led sessions



High-Fidelity Simulation

Test your products in clinical settings using high-fidelity manikins



UX Testing/User Centered Design

Optimize your design and workflow through iterative sessions

Our Teams



Innovation

Enabling and empowering innovators across the healthcare spectrum, accelerating the delivery of essential solutions



Informatics Research

Bringing concrete solutions to problems facing patients, providers, the community and the healthcare system



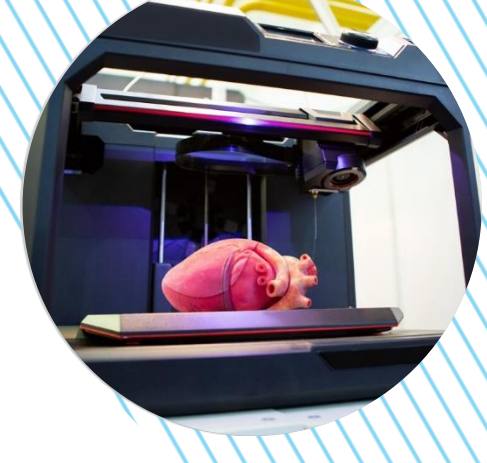
Clinical Research

Enhancing healthcare for everyone with more than 800 clinical studies completed over the past 25 years



Simulation

Our state-of-the-art facility features some of the most advanced medical simulation technology available today



3D Printing & Production

3D printing provides tool production, surgical planning, and patient education for medical trainees and professionals



SAFE SLEEP SIMULATION



*Helping Infants Sleep
Safely Around the World*

*How it's
going...*

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