

Caring for tomorrow, today

Building the OSF OnCall Digital Hospital



OSF INNOVATION



Mission

In the spirit of Christ and the example of Francis of Assisi, the Mission of OSF HealthCare is to serve persons with the greatest care and love in a community that celebrates the gift of life.

OSF HealthCare Snapshot

15

Hospitals

1

Children's Hospital

2

Colleges of Nursing

157

Locations, including hospitals

2,084

Total Licensed Beds

1,159

Employed Physicians

747

Advanced Practitioners

22,984

Mission Partners

278,482

Home Health Annual Visits

2,071,842

Outpatient Visits

2,792,368

Physician Enterprise
Office Visits

82,466

Inpatient Admissions

3,196

Hospice Patients

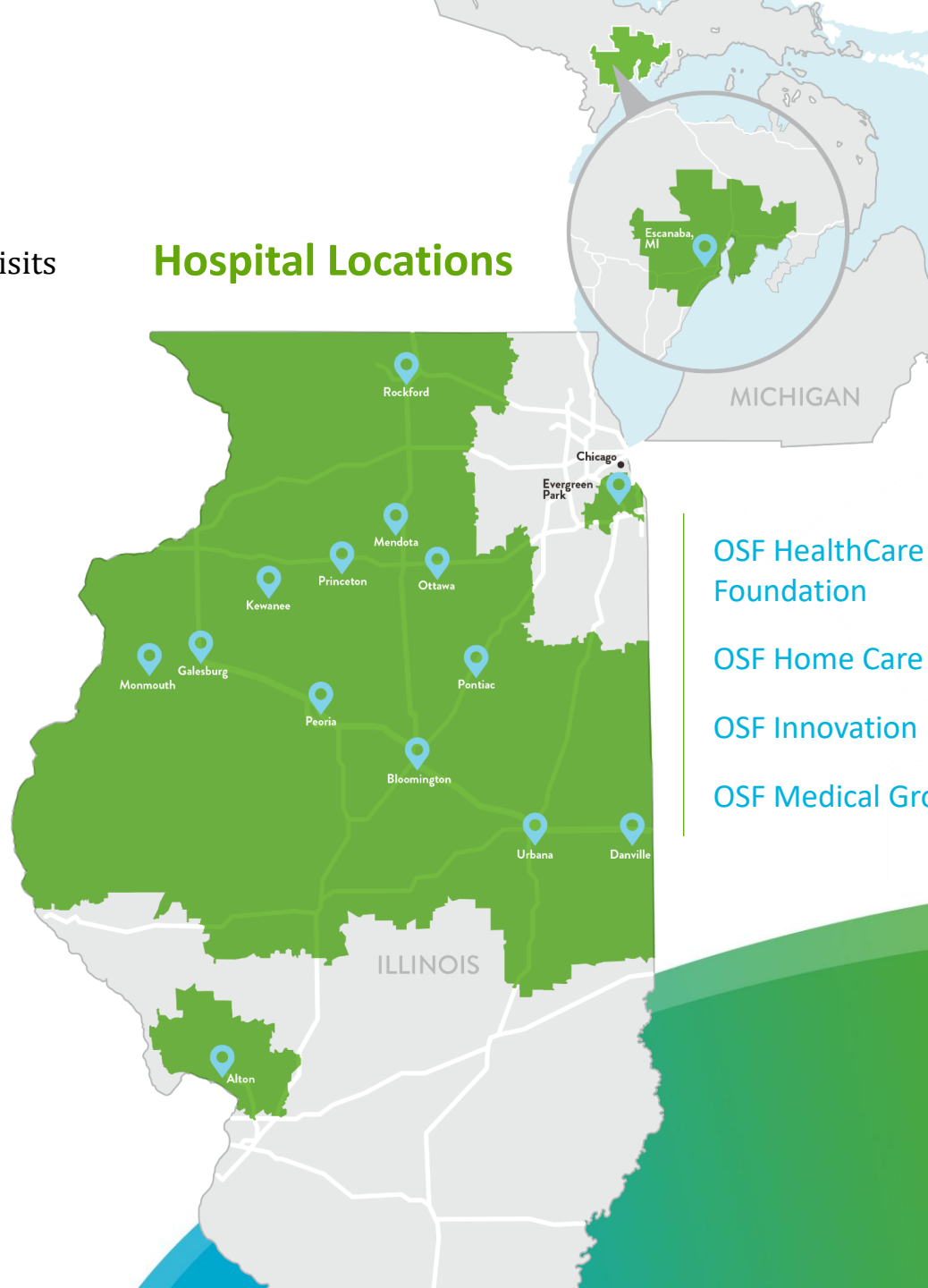
1,026,801

Persons Served

\$3.8 Billion

Net Revenue

Hospital Locations



OSF HealthCare
Foundation

OSF Home Care

OSF Innovation

OSF Medical Group

OSF OnCall

OSF Rehabilitation

OSF Ventures

Pointcore, Inc.

OSF HealthCare recognized as a top company

150 Top Places to Work in Healthcare

2023 – *Becker's Healthcare*

2022 – *Becker's Healthcare*

2019 – *Becker's Healthcare*

America's Most Innovative Companies

2023 – *Fortune*

Best Employers for Women

2020 – *Forbes magazine*

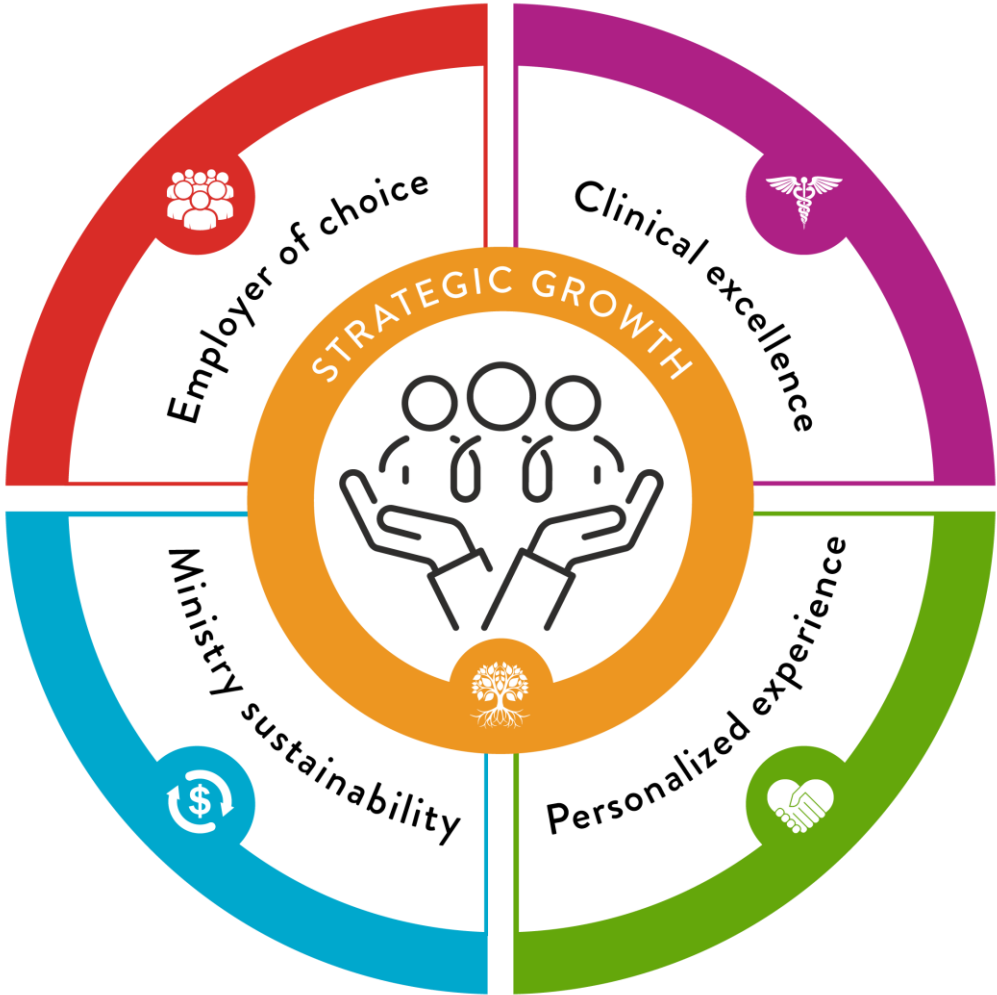
America's Best Large Employers

2019 – *Forbes magazine*

2018 – *Forbes magazine*

FY23 Strategy Summary

VISION: Embracing God’s great gift of life, we are one OSF Ministry transforming health care to improve the lives of those we serve.



Delivering five-star quality at every location



Creating sustainable growth through strategic partnerships



Knowing our patients and community and delivering care options that meet their needs



Improving our margin and creating a sustainable cost structure for the future



Delivering candidate centric experience to recruit new talent

How we define innovation

The process of translating ideas that align with our vision of transforming health care into value for the benefit of the patients and communities we serve.



OSF Innovation structure



Becky Buchen

Senior Vice President,
OSF Innovation



**John Vozenilek,
MD, FACEP**

Vice President, Chief
Medical Officer,
Innovation & Digital
Health



**Mayank Taneja,
MBBS, MBA**

Vice President,
Venture Investments



Mark Hohulin

Senior Vice President,
Healthcare Analytics



OSF INNOVATION

At OSF HealthCare, innovation is essential to everything we do. We inspire, mentor and partner to transform care for patients and providers through strategic solutions designed to connect everyday needs with inventive approaches and bold advances for tomorrow.



Transforming
health care



Taking on the largest
health care challenges

OSF INNOVATION



How we innovate

Vision: Create, identify and enable strategies, improvements and solutions that advance the transformation of health care, build a sustainable Ministry and foster a culture of innovation.



Big data & the internet of medical things



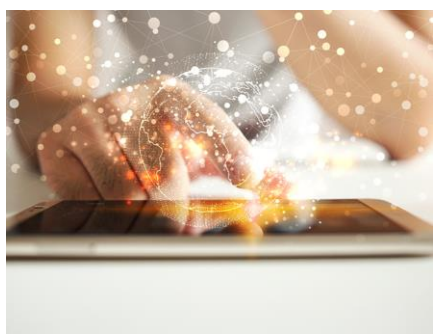
Community health & social determinants of health



Genomics & precision medicine

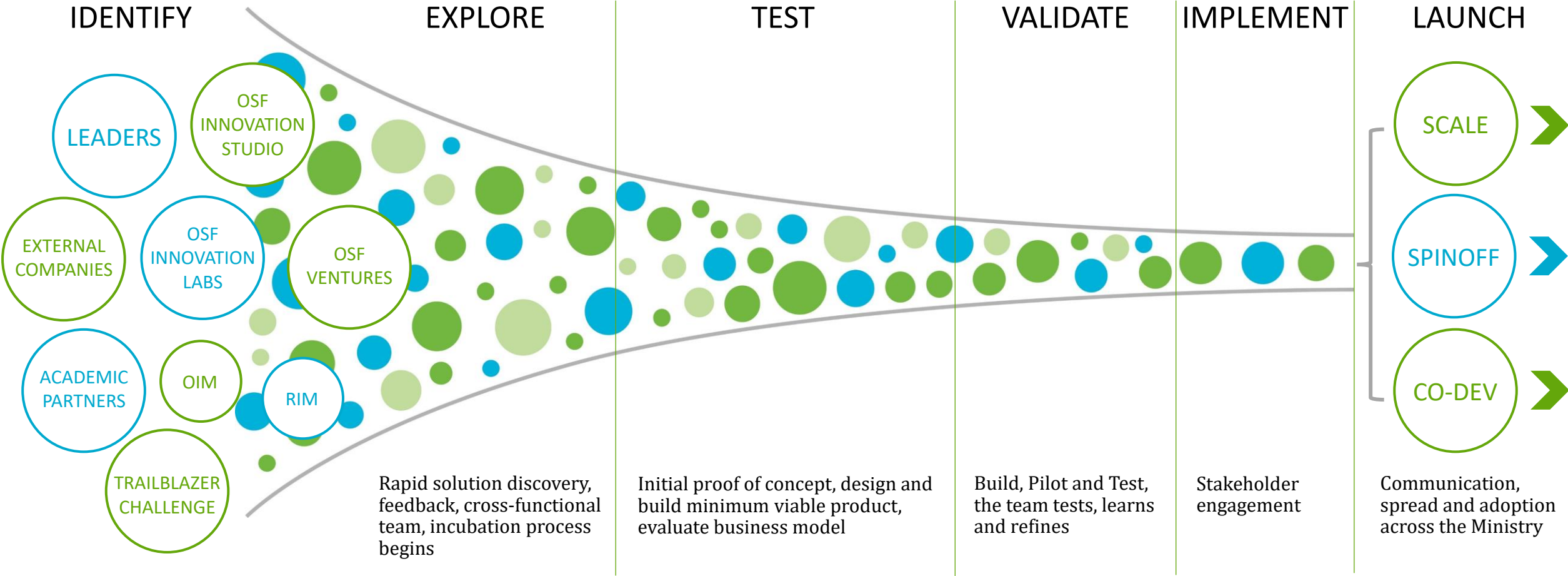


Radical efficiency



Next generation business & care models

Driving Change



Getting governance right

OSF Transformation Executive Council (TEC)



Advises and provides guidance and decisions related to fulfilling OSF Vision.



Helps plan future business models, digital transformation, innovation strategy and is responsible for removing barriers to success.



Members include C-suite; Sister leadership; regional CEOs; SVPs of innovation, simulation, digital health, healthcare analytics, IT, legal, marketing, etc

Philanthropy

Donor support is critical to funding projects, competitive endowments and fellowships that help clinical and academic investigators get their ideas off the ground.

- Innovation Academic Incubator (IAI) endowed pledge: \$127 million

Access to
\$5.5 million in
annual funding
through IAI

\$9.6 million
has been tapped
to fund 137
projects since
2014

82 OSF clinicians
partner with 210
faculty from
across strategic
partnerships

222 student
interns working
directly on new
solutions



Breaking ground on innovation



Building a culture of innovation

Dispelling the idea that innovation is limited to one space.



OSF Innovation Studio

- Helps launch Mission Partner ideas (OIM)
- Trailblazer Challenges



OSF Innovations Hubs

- Three satellite locations engaging local Mission Partners
- Two more sites in development



Innovation Academic Incubator



UNIVERSITY OF
ILLINOIS
URBANA-CHAMPAIGN



UNIVERSITY OF ILLINOIS
COLLEGE OF MEDICINE
PEORIA



BRADLEY
University



UNIVERSITY OF
ILLINOIS CHICAGO

Digital Transformation at OSF



How might we enable and support individuals in their homes and communities to lead healthy lives?

2019 Trailblazer Challenge participation



170+

Participants

5



Groups selected for two-day
innovation sprint

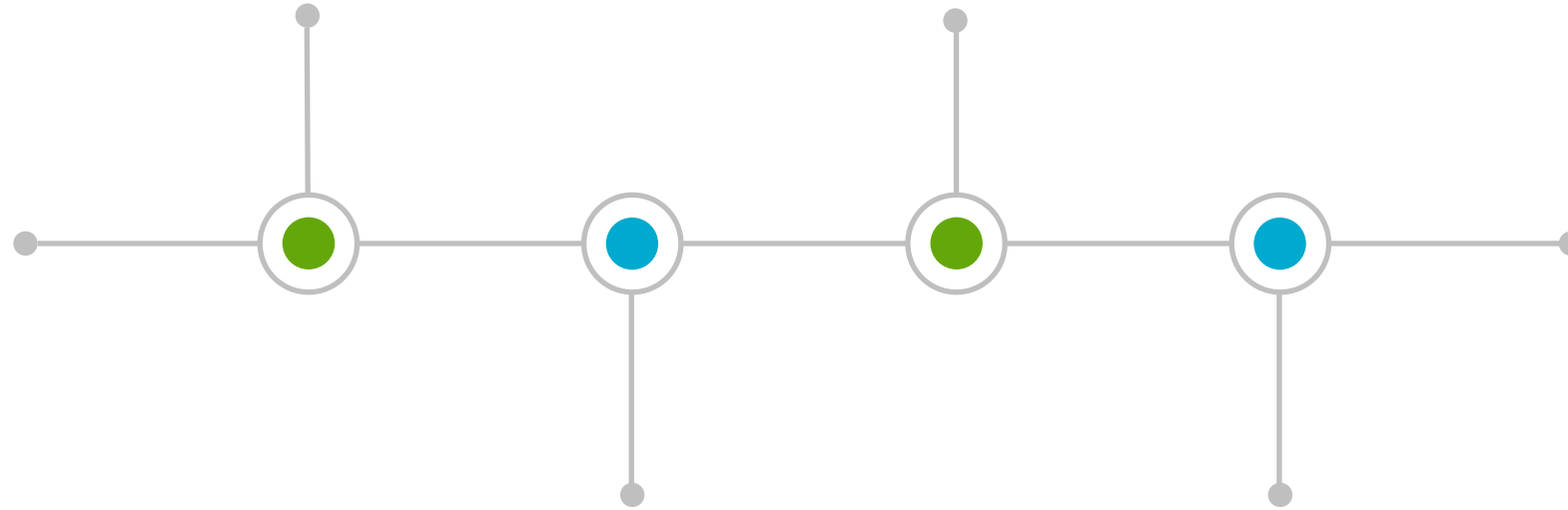
Trailblazer Challenge: Innovation Sprint

Innovation sprint

Day one goal: Use design-thinking approach to develop product that adds value

Three groups

Those chosen were granted six weeks to accelerate their ideas



Innovation sprint

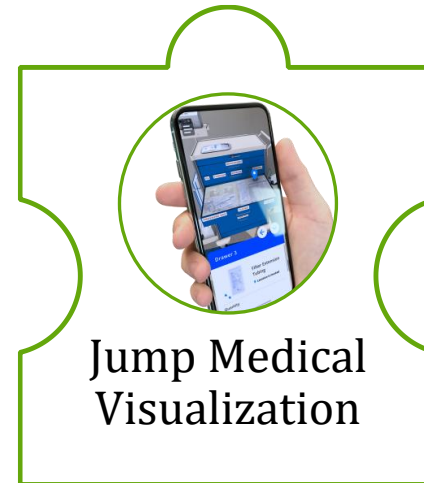
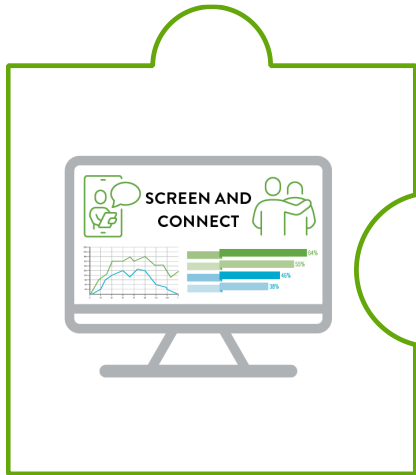
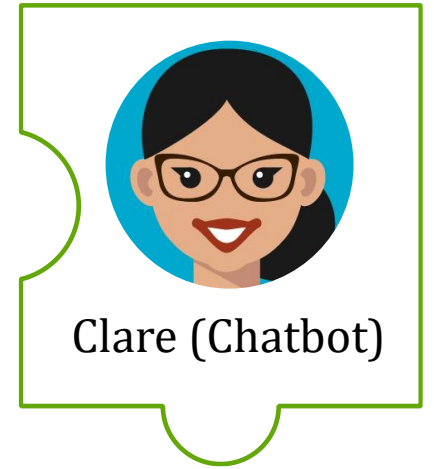
Day two goal: Pitch day

Final pitch day



COVID-19

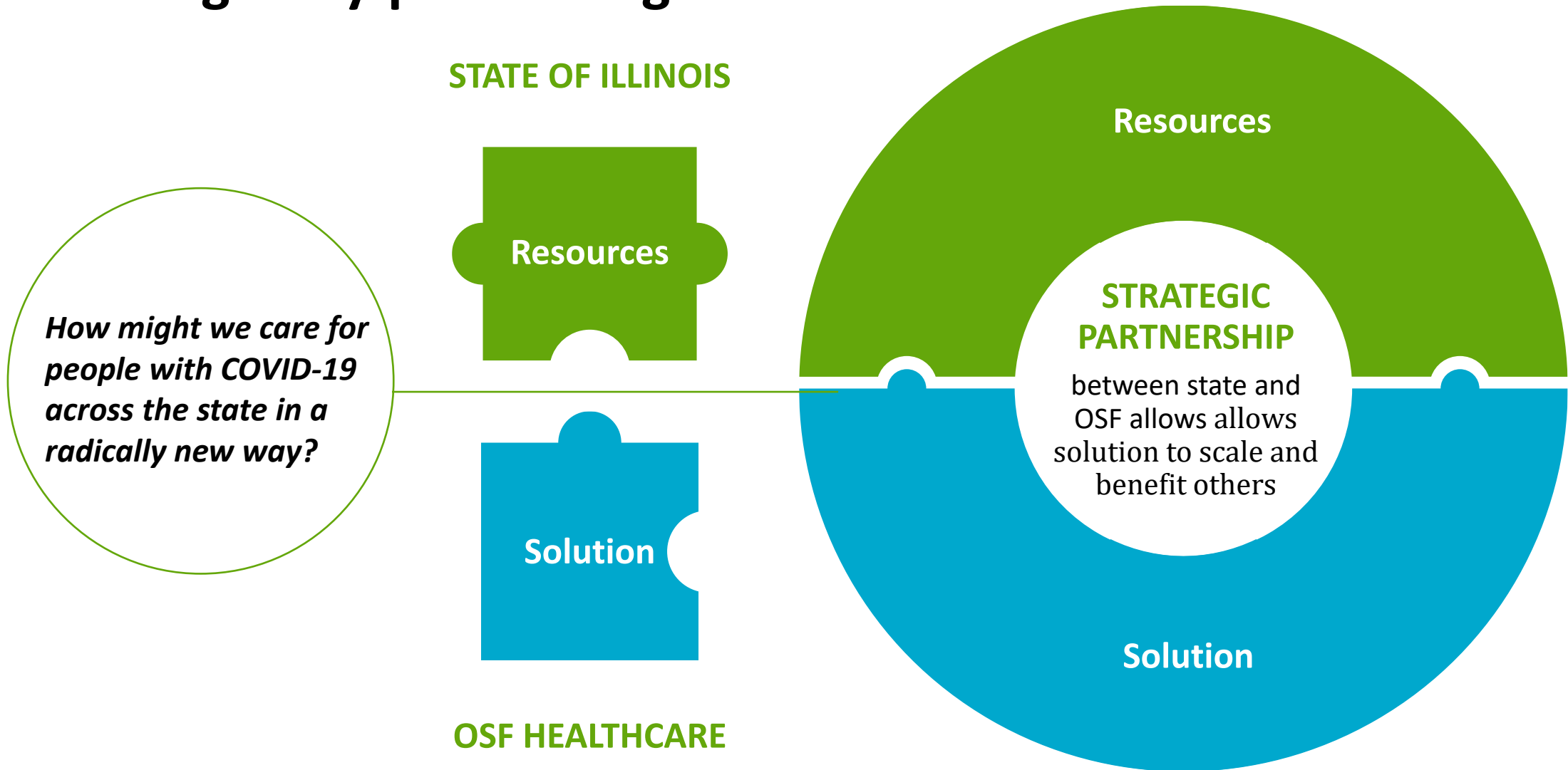
Rapid pandemic response



Hospital at home: Crisis as a catalyst



Strategically partnering to scale



Learning and evolving

Insights lead to evolution



June 2020

OSF OnCall takes lessons learned from pandemic response combined with digital transformation to determine how to accelerate virtual and digital care across the Ministry and operationalize Hospital at Home concept



July 2020

OSF OnCall plans for transitioning PHW program to Digital Health Worker program to continue serving people after the pandemic ends.



July 2021

OSF OnCall building opens



January 2022

OSF OnCall partners with Medically Home and OSF Innovation to create an end-to-end process for a new model of care.



August 2022

After five weeks of testing and training, the OSF OnCall Digital Hospital admitted its first patient in August 2022.



OSF OnCall Digital Hospital: Bringing care home



Bringing care back home



THIS

- Improved comfort
- Better sleep
- Less confusion
- Reduced readmission rate
- Improved access
- Convenient



NOT THAT

- Stress
- More disruption
- Lots of distractions
- Less engagement
- Not home

OSF OnCall Digital Hospital Outcomes

400+ total admissions

60+ patients admitted from the ED

100+ patients admitted from an inpatient floor

9.8% 30-day readmission rate

3 days average stay

0 falls with injury, death or hospital acquired infections

9/10 star rating overall

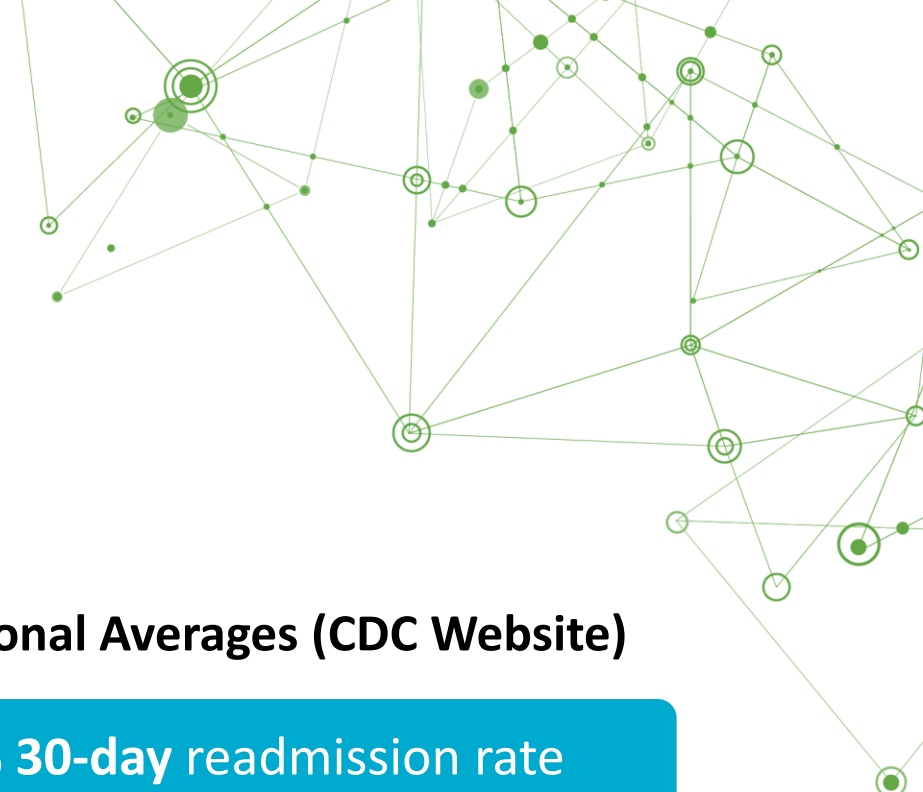
National Averages (CDC Website)

15% 30-day readmission rate

5 days average length of stay

28% 65+ falls

2022 mortality rate
1,043 per 100,000



Lessons learned

1

Digitally connect with and care for patients

2

Build it ourselves

3

Proactively fulfill patient needs

4

Prioritize resources

5

Deploy services in an agile manner

A look to the future

Secrets to unlocking innovation

- Empower Mission Partners
- Engage senior leadership more efficiently
- Remove red tape
- Foster collaboration in and outside of OSF

With foundation laid and leadership approval

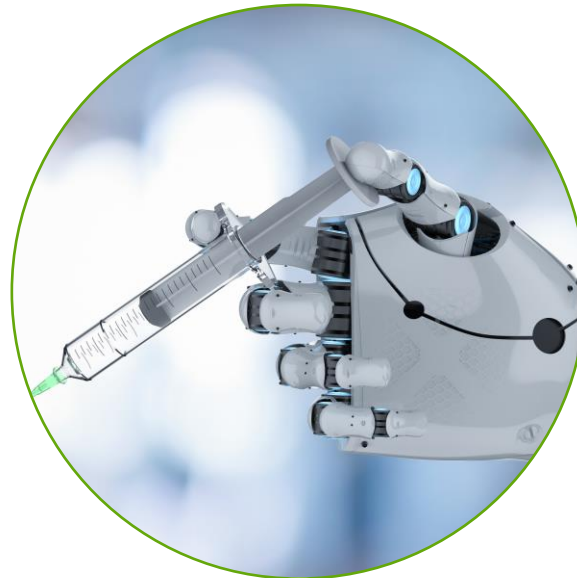
- In position to lead change
- Can better handle new challenges
- Able to care for patients in new ways



Imagine...



- Waking up and checking your vitals as you look in the mirror each day



- A robot inserting your IV



- Artificial intelligence being used to predict your health risks and recommend preventive measures

Seeds have already been planted

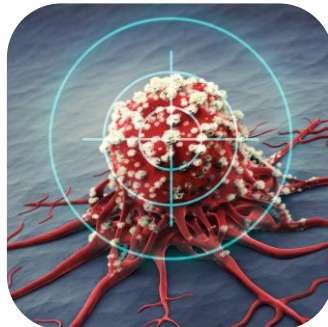
AI

AI equal to and in some cases, better than human at diagnosing diseases



Precision Medicine

Exploring technologies to provide personalized and targeted treatments



Predictive Models

Developing predictive model to better find the location of lung metastasis

Mixed Reality

Creating a mixed reality app to help pediatricians diagnose concussions



Excited about the possibilities

- If you want to learn what it takes to run a successful innovation program, please join my breakout session called The Real World Innovation tomorrow at 1:15 p.m.
- Follow our progress to advance care as our OSF Sisters have envisioned at osfinnovation.org.
- Check out our recent podcast episode to hear how OSF Innovation came to be, and where we're going!



OSF[®]
HEALTHCARE

