

Envisioning the AI Future for Cancer Research and Care

Prof Wil Ngwa

What is the Best Comprehensive Cancer Center in the World?

Prof Hedvig Hricak?



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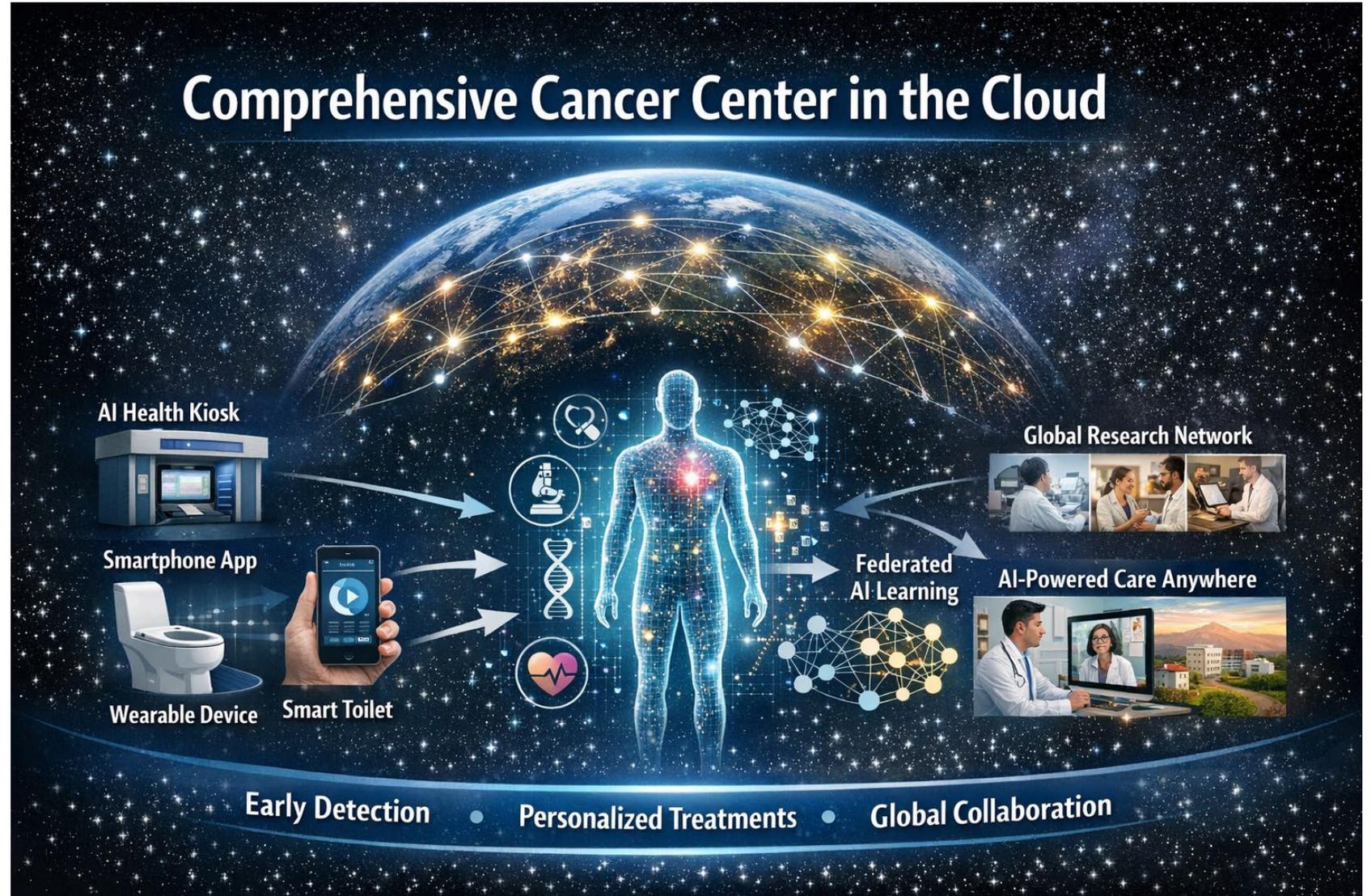


“Imagination is more important than knowledge” Albert Einstein

So Imagine The World's First Comprehensive Cancer Center in the Cloud (C4) powered by AI

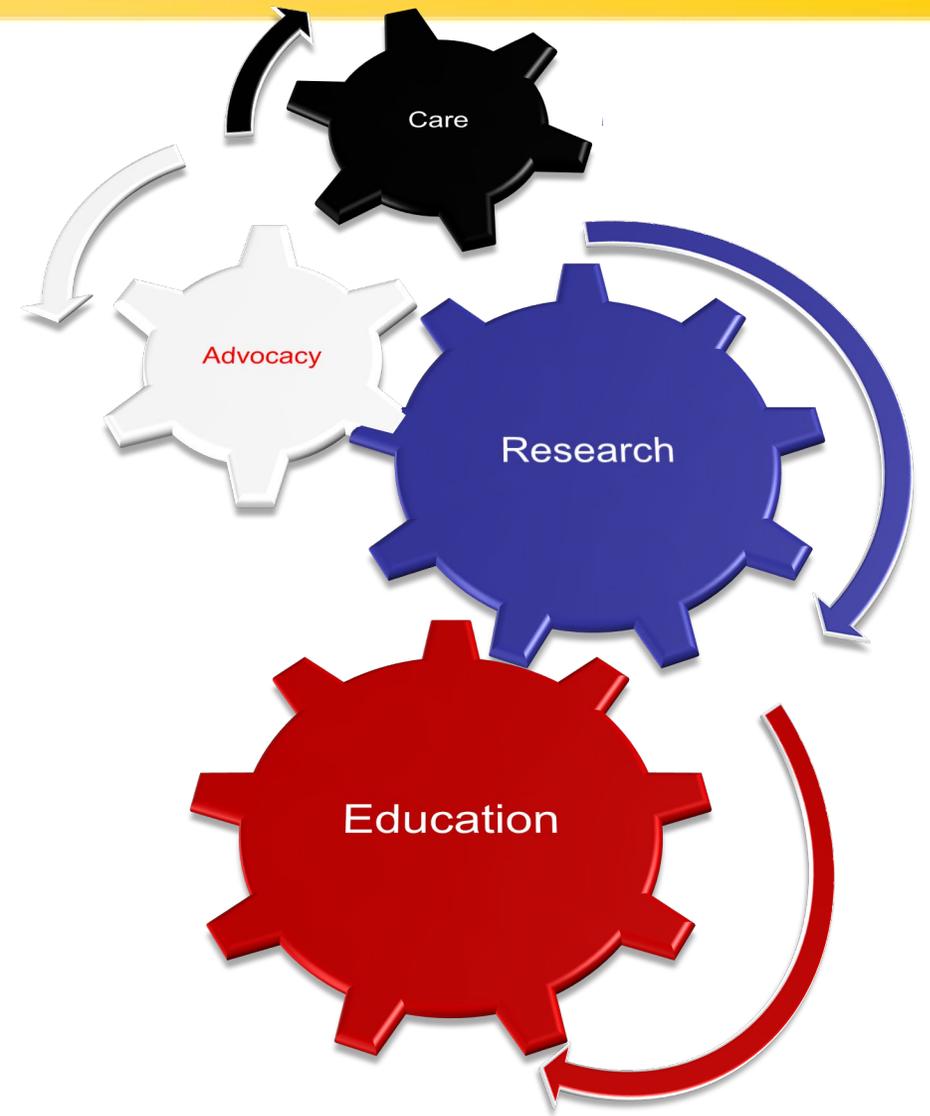
The C4 is

- not confined to a building
- It is **global network of intelligence** connecting patients, clinicians, researchers, and communities around the world..



The Comprehensive Cancer Center in the Cloud: powered by AI

- Accessible everywhere, anytime



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“Care, Advocacy/Outreach, Research, Education”

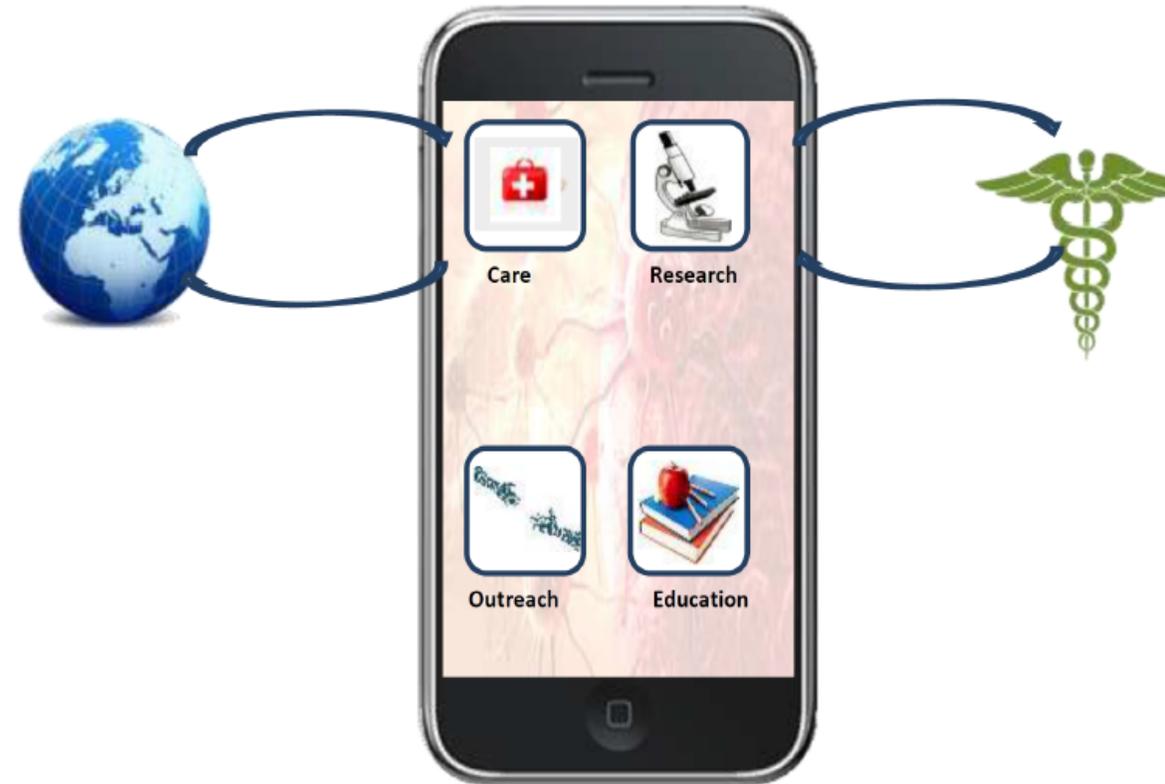
IBM at
Harvard my Lab
in 2017/2018

Building the
C4



Access to a Comprehensive Cancer Center at your finger tips

- **Care APP**: Comprehensive Care: Screening/Diagnostics, Treatment, Palliative Care
- **Outreach APP**: industry, policy makers, foundations, diaspora organizations; community faith-based organizations
- **Research APP**: Virtual multi-center clinical trials on hypofractionated radiotherapy, Core Facilities
- **Education APP**: Global oncology University





C-4 Pilot Launch

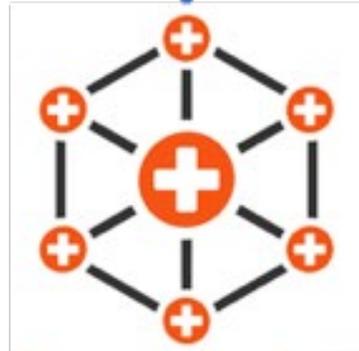
In resource-poor
American Communities



Comprehensive Cancer Center in the Cloud powered by AI



Leading USA Institution
Comprehensive Cancer
Centers, diaspora, and
industry partners



Regional Hub and Spoke



Increased ACCESS to
Telehealth, Research
and Education

With AI, by 2040 we can imagine that Cancer Centers as Buildings will be obsolete.

Every cancer patient could have access to quality CARE (Care, Advocacy, Research, Education)

**Everywhere
Anytime**