



Leveraging Benefits of Digital Health In The Local Health Care System

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HEAD OF SPECIAL PROJECTS | DISCOVERY HEALTH

Globally we see multiple benefits of Digital Health applications...

IMPACT ON PATIENTS IN BOTH THE PRIVATE AND PUBLIC SECTORS



■ Reduces Fragmentation in Health Care Systems

- Greater and faster patient **Access** to Healthcare
- Consistent **Electronic** Records



KAISER
PERMANENTE®



■ Care Progression and Tracking

- Improved **coordination of care**
- Enhanced quality of professionals
- Track **Predisposition** to diseases



x^ealth®



■ Enriched Healthcare Delivery

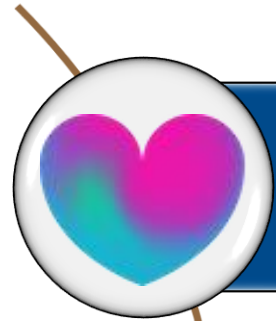
- Virtual consultations
- Earlier **detection** and **action**
- **Self Care**
- Resource Optimization



babylon

... which are not only applicable to technologically advanced countries but developing nations too

USERS ARE CLEARLY ADOPTING DIGITAL HEALTH INTERFACES ACROSS BOTH SECTORS



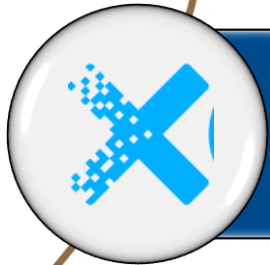
Babylon Health

- 2 Million registered users in Rwanda 30% of population (Ranked 143rd in GDP Listing)
- Completed over 480 000 virtual consultations to date increasing by +1000 per day



Kaiser Permanente

- 850 000 users registered in the U.S
- 30 Million prescriptions filled by end of 2018



Xealth

- 61 000+ remote monitoring devices
- Disease predisposition tracking

SA Applications

Image
Diagnosis

Digital
Diagnosis

National
Chronic
Illness
Registry

Education
and
Health
Literacy



These major issues in South African health care can be similarly addressed in line with South Africa's Digital Health Strategy



NDP 2030 Goals

- Increased life expectancy
- Reduction in Quadruple disease burden
 - Maternal and Child Health
 - HIV/AIDS & TB
 - NCB Diseases
 - Violence and Injury
- Significant improvement in healthcare efficacy equity and efficiency



Declining Expenditure



- Digital Health will drive economic development

Shortage of Health Professionals



- Average of 0.8 Professionals per 1000 people

Disease Burden



- Maternal and Child Health
- HIV/AIDS & TB
- NCB Diseases
- Violence and Injury

Lack of data



- Lack of a comprehensive health information system

Fragmented Health System



- Fully developed EHR to improve patient management

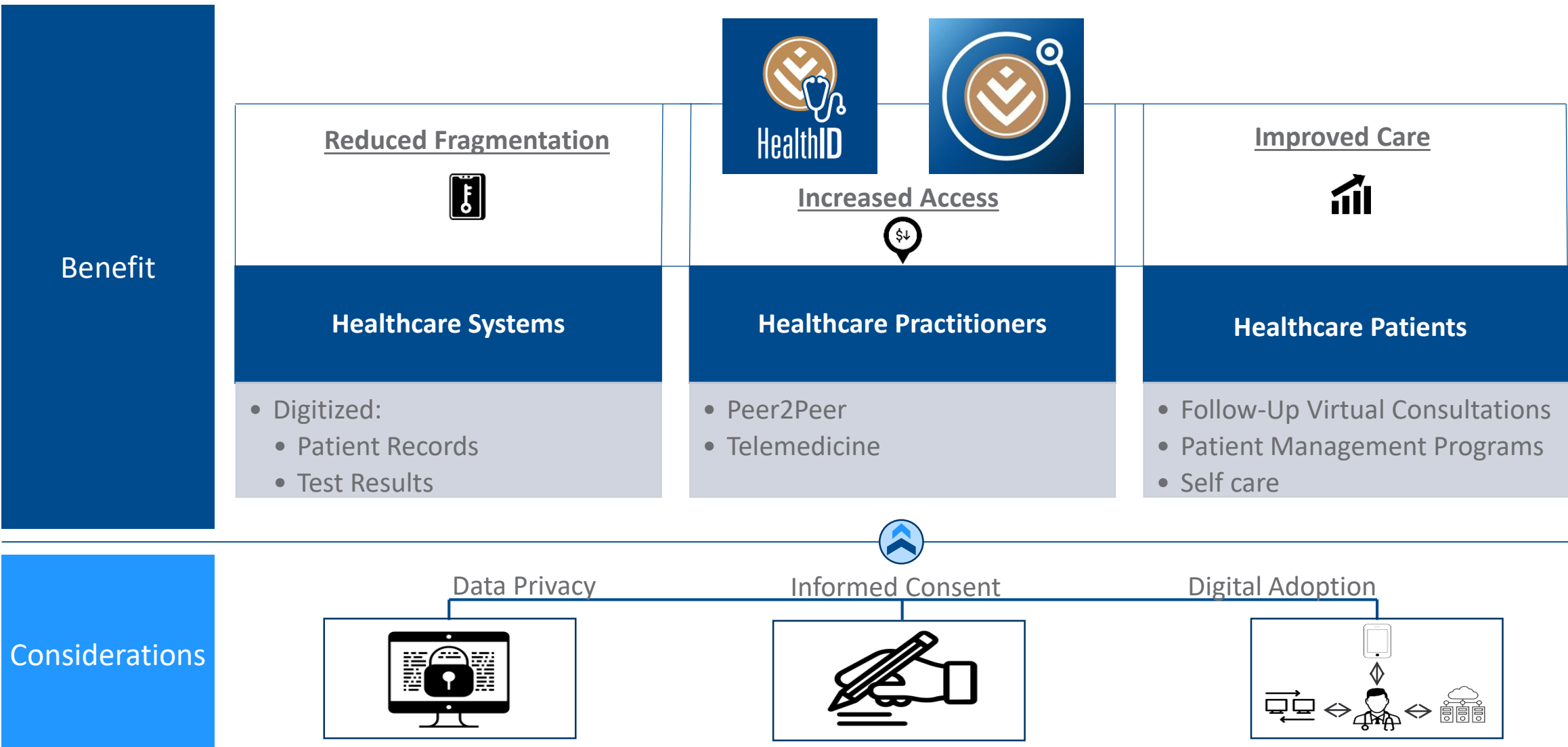
Inefficiencies and wastage



- Management, delivery and capacity challenges



We endeavor to realize benefits through Digital Health, while constantly navigating the challenges around them



However, partnerships are required to maximize the benefits of Digital Health

