



Human Powered Health

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A FUNDAMENTAL COOPERATION

Health & Technology



THE FUTURE HEALTHCARE

A Sustainable Future Starts With Health

Health is the foundation for everything else. For people to thrive. To be empowered. To live the lives they want to live. It helps communities and economies to prosper and is vital to building better, healthier societies.

20 M

The world will need almost 20 million additional health workers by 2030 to address these ongoing challenges.

\$8.6T

Global annual healthcare spending estimated at \$8.6 trillion in 2019...

\$16T

... is projected to nearly double over the next 10 years to \$16 trillion in 2029

OUR CHALLENGE

Looking ahead the world faces immense health threats – and major issues in confronting them

18-YR

difference in life expectancy between rich and poor countries

1 in 3

people lack access to essential healthcare products

DEBT

and immense budget deficits limit funding for health

>70%

of all deaths can be attributed to chronic diseases

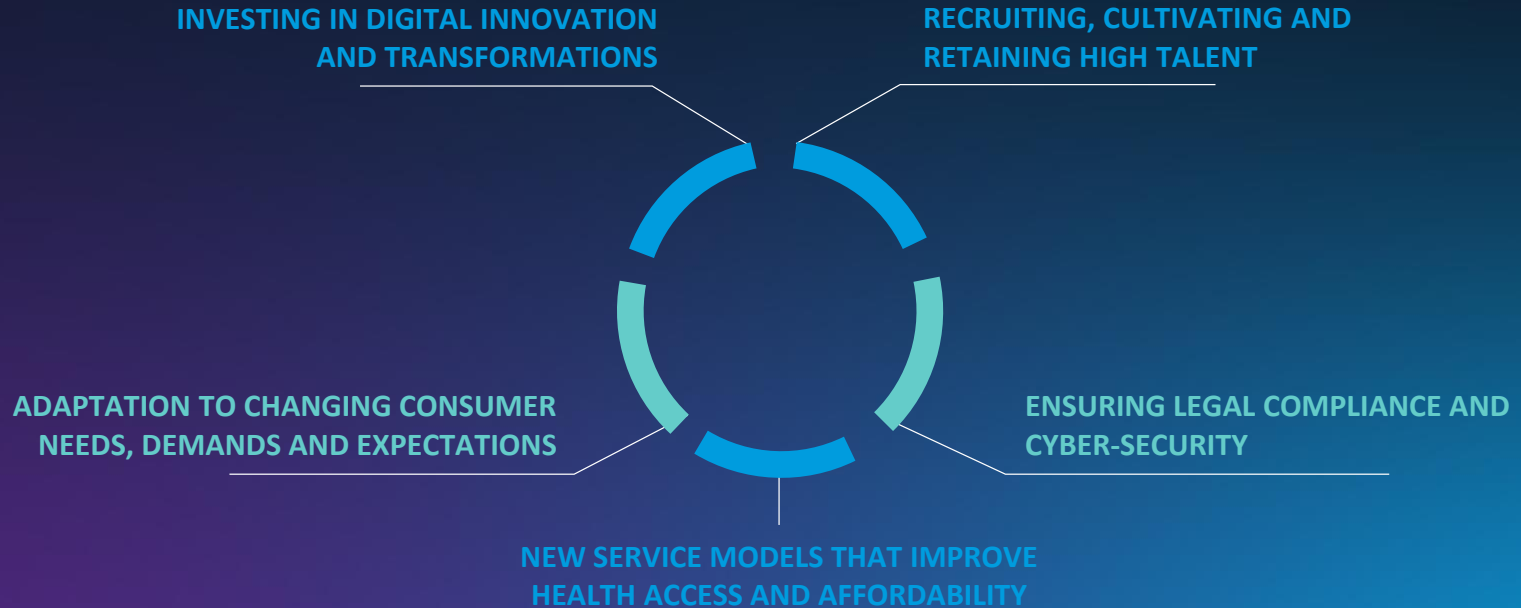
1 in 3

people suffer from malnutrition

COVID-19

And other infectious diseases affecting every community

The Needs on Global Health



FINANCIAL SUSTAINABILITY

5 trends

TO BE LEADERS IN THE FUTURE

HUMANS AT THE CENTER

Put humans at the center of health care and deliver patients integrated solutions

01

DEMONSTRATE VALUE

by combining and using clinical and non-clinical data to improve health outcomes

03

SUSTAINABILITY

Commit to sustainable practices and to measure the long-term value these activities deliver

05

02

SUPPLY CHAIN

Partner to build the transparent integrated and resilient agile supply chains

04

DATA

Make it possible to share data easily and securely, with value creation linked to data use and access

Rapid Response in the COVID-19 Pandemic

Pandemic Declared

11th March
by WHO

15th April
Only around 1 month



Molecular assays for early diagnosis

Rapid assays to get results in 5 mins



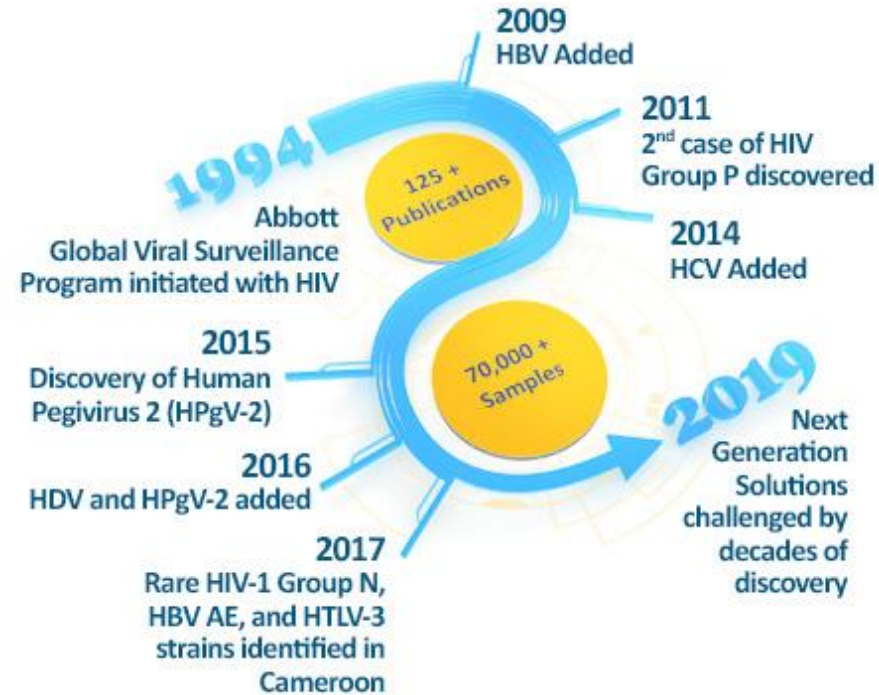
Antibody assays to learn immune response

A year of challenges

Players across the industry boosted data analytics capabilities to respond to ongoing shifts in healthcare needs, consumer behavior and the economy. ¹

The deployment of digital tools in clinical trials helped companies quickly test whether existing medicines worked against the new virus and enabled the rapid development of COVID-19 vaccines. ¹

Abbott partners with laboratories and organizations in **45** countries around the world



1: PWC global top health industry issues 2021

Market-leading positions in every business

CARDIOVASCULAR

- Remote heart-failure monitoring
- Stents
- Transcatheter mitral-valve repair
- Heart pumps (LVADs)

NEUROMODULATION

- Chronic-pain devices

NUTRITION

- Adult retail nutrition (*Ensure* and *Glucerna*)
- Pediatric U.S. nutrition (*Similac* and *PediaSure*)

DIABETES CARE

- Continuous glucose monitoring
- Sensing technology for sports performance

DIAGNOSTICS

- COVID-19 testing
- Point-of-care testing
- Blood and plasma screening

MEDICINES

- Pancreatic enzyme deficiency treatment
- Progesterone hormone therapy
- Vertigo treatment



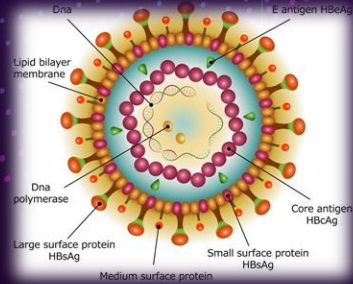
DIAGNOSTICS

New Generation Tests



**HE4: Ovarian Cancer
Biomarker with
Better Specificity**

**hbSaG Next
Generation Test**



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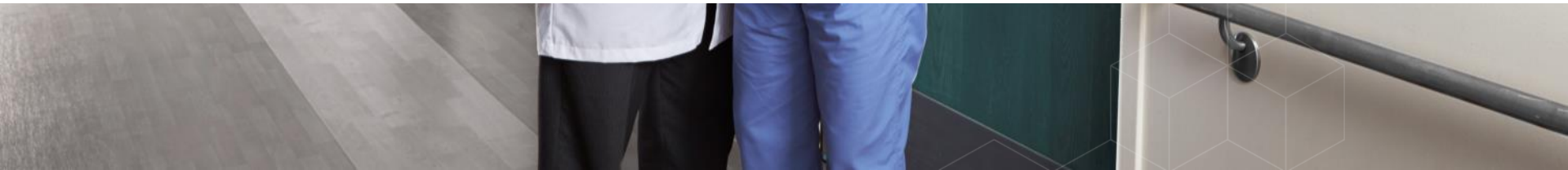
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AlinIQ CDS

KLİNİK KARAR DESTEĞİ



Enhance healthcare management with CDS

CDS systems can be used to enhance healthcare management at various stages of the patient pathway, providing benefits such as:

IMPROVEMENTS IN TEST ORDERING BEHAVIOR

– ensuring only tests relevant to the diagnosis or management of the patient’s condition are requested

DIAGNOSIS AND TREATMENT GUIDANCE

– using interpretation tools that consider relevant clinical experience and available guidelines

REDUCTIONS IN COSTS

– avoiding unnecessary testing and decrease process costs

OPTIMIZATION OF PATIENT CODING

– enhancing International Classification of Diseases/ Diagnosis Related Group (ICD/DRG) coding to help ensure correct patient billing information and support clinical and management objectives



Future of healthcare will be..



Digitized



Decentralized



Democratized

Abbott at a glance

109,000

PEOPLE

130+

YEARS IN BUSINESS

160+

COUNTRIES

\$34.6B

2020 SALES

TRUSTED PRODUCTS

FreeStyle Libre[®]



MitraClip[®]

Similac[®]

Alinity

Ensure

ID NOW[™]



Xience

BRUFEN[®]



Human-Powered Health

MONITOR

OPTIMIZE

CONTROL



Human-Powered Health

MONITOR

OPTIMIZE

CONTROL

Human will monitor its bio signals with
more accurate & simultaneous ways

Continuous glucose monitoring

Providing accurate results faster and with greater convenience, so people can continuously monitor their glucose levels with minimal pain or disruption

#1 worldwide, with nearly 3 million users

FREESTYLE LIBRE

- Eliminates routine painful fingersticks
- Delivers unsurpassed 14-day accuracy and real-time glucose readings every minute
- Provides actionable insights for improved outcomes
- Affordable and accessible to millions of people worldwide
- Compatible with FreeStyle LibreLink and LibreLinkUp, smartphone apps that let people monitor their glucose without the use of a separate device, then share their data with caregivers remotely



LIBRE SENSE

- Collaboration with sports technology company Supersapiens allows athletes without diabetes to learn more about their glucose levels and the correlation between fueling and athletic performance





Human-Powered Health

MONITOR

OPTIMIZE

CONTROL

Human will optimize her needs and actions based on her personal data monitored

CARDIOVASCULAR DEVICES

Cardiac rhythm management & Heart failure

CONFIRM RX

World's first and only insertable cardiac monitor that is smartphone-compatible



CARDIAC RESYNCHRONIZATION DEVICES

Help the heart pump in a more coordinated way



CARDIOMEMS HF SYSTEM

Pulmonary-artery-pressure monitoring provides early detection of worsening heart failure



HEARTMATE 3 LEFT-VENTRICULAR ASSIST DEVICE

Mini heart pump for patients in advanced-stage heart failure is the first to use *Full MagLev* flow technology





NEUROMODULATION DEVICES

Chronic-pain and movement-disorder therapies

Global leader in chronic-pain solutions

UNIQUE PAIN-MANAGEMENT PORTFOLIO INCLUDES:

- Radiofrequency ablation
- *BurstDR* spinal-cord stimulation
- Dorsal-root-ganglion stimulation



INFINITY DEEP-BRAIN-STIMULATION (DBS) SYSTEM

Targeted patient-specific treatment to help address the symptoms of Parkinson's disease and essential tremor





Traumatic Brain Injury mTBI test



Human-Powered Health

MONITOR

OPTIMIZE

CONTROL

Human will control what needs to be done in personal level with the availability of his health data to her and to her caregivers.





Abbott

life. to the fullest.®



Abbott