De zorg van morgen: digitalizering en verbinding

Jan Kimpen
Chief Medical Officer
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The founders of the Philips brand believed in the power of innovation and entrepreneurship to improve lives

“Always ask oneself: Couldn’t this be different? Couldn’t this be better? I have found fantasy to be one of the key factors of success in a person’s life.”

Anton Philips
Projected world population growth

Number of people living worldwide since 1800 in billions

- 1804: 1 bln
- 1950: 2.5 bln
- 2015: 7.3 bln
- 2030: 8.5 bln
- 2050: 9.7 bln
- 2100: 11.2 bln
World life expectancy has risen from 47 years during 1950-1955 to 70 years during 2010-2015.

Source: Pew Research - Population change in the US and world from 1950 to 2050

By 2050, nearly 8 in 10 of the world’s older population will live in the less developed regions.

An aging population with more chronic and lifestyle related diseases puts a focus on healthcare cost containment

- By 2020 in China: doubling of the healthcare spend (to more than $1 trillion)
- By 2020 in the US: 50% increase to $4.5 trillion
- The EU faces a shortage of 1 million healthcare professionals
- In most African countries, there's unlikely to be enough caregivers to deliver even basic immunization and maternity services
More than 14 million people diagnosed with cancer annually

500+ million people suffer from respiratory diseases

An estimated 1.56 billion adults with high blood pressure in 2025

400 million people worldwide have diabetes
Major shifts in consuming and providing healthcare

Consumers increasingly engaged in their health

Shift to value-based healthcare will reduce waste, increase access and improve outcomes

Care shifting to lower cost settings and homes

Connectivity and digital shifting value from devices to software and services

Industrialization of care
Enabling providers to deliver lower-cost care and better outcomes

Personalization of care
Driving convergence of professional healthcare and consumer health
Moving care close to the patient
Connecting the healthcare continuum

Connecting digitally empowered patients to providers in new ways

Connecting disparate data sources for insights into better decisions and care

Connecting colleagues, teams and partners to drive collaborative care

Health-tech is at the heart of healthcare transformation

Ushering in a new era of highly integrated solutions aimed to improve clinical, operational and financial outcomes
HealthSuite digital platform powers connectivity across the health continuum

An open, cloud-based platform of services, capabilities and tools that allows Philips and our partners to create the next generation of connected health and wellness innovations
Empowering patients, engaging the complete care team
Reducing the burden of diabetes:
Enabling collaborative care between patients and caregivers

Provider dashboard
Enables healthcare providers to view up-to-date status, triage patients and manage their care

Secure online community
Enables patients, healthcare teams and caregivers to interact via private messaging and shared posts, enhancing collaborative care

Diabetes patient app
Schedule, report and view diabetes-related measurements and receive data-driven feedback and coaching guidance at home and on the go

CareCatalyst
Device registration and data uptake
EMR and personal health data uptake
Longitudinal patient record
Support for clinical rules and algorithms

HealthSuite digital platform

Diabetes prototype created with Philips HealthSuite digital platform’s CareCatalyst
Secondary care

Tertiary care

Primary care

Patient

Caregivers

Physiotherapist

GP

Home care

Nutritionist

Personalized connected health services

Personal alert with fall detection

Rehabilitation at home

Healthy lifestyle