



ALTEN PTS

**Een gebruiksvriendelijke applicatie voor
complexe toepassingen**

Ir. Robin Brouns

EXCLUSIVE

This is Healthbook, Apple's major first step into health & fitness tracking



Seven years out from the original iPhone's introduction, and four years past the iPad's launch, Apple has found its next market ripe for reinvention: the mobile healthcare and fitness-tracking industry. Apple's interest in healthcare and fitness tracking will be displayed in an iOS application codenamed Healthbook. I first wrote about Apple's plans for Healthbook in January, and multiple sources working directly on the initiative's development have since provided new details and images.

Heart Rate and Blood Pressure Monitoring:

Heart rate and blood pressure are two of the most widely known health-related measurements. Blood pressure is commonly checked at the doctor's office, pharmacy, or home, while heart rate can be measured by iPhone apps, [smartphone cameras](#), and gym equipment. Healthbook will be able to store and track heart rate/stride data in BPM (beats per minute) as well as blood pressure data. Blood



MEDICAL MOMENTUM





Robin Brouns

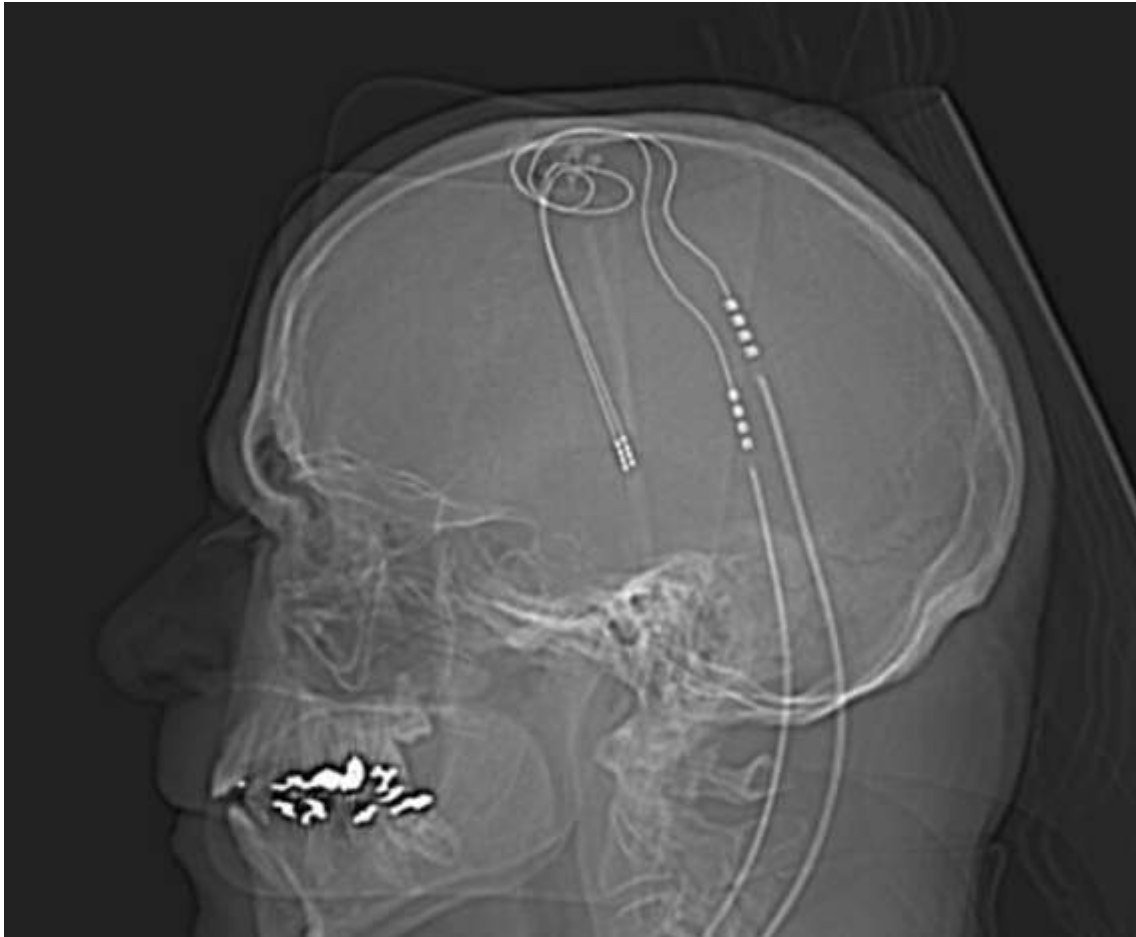


Sapiens | Steering Brain Stimulation

A LIFE CHANGER...



DEEP BRAIN STIMULATION



DEEP BRAIN STIMULATION

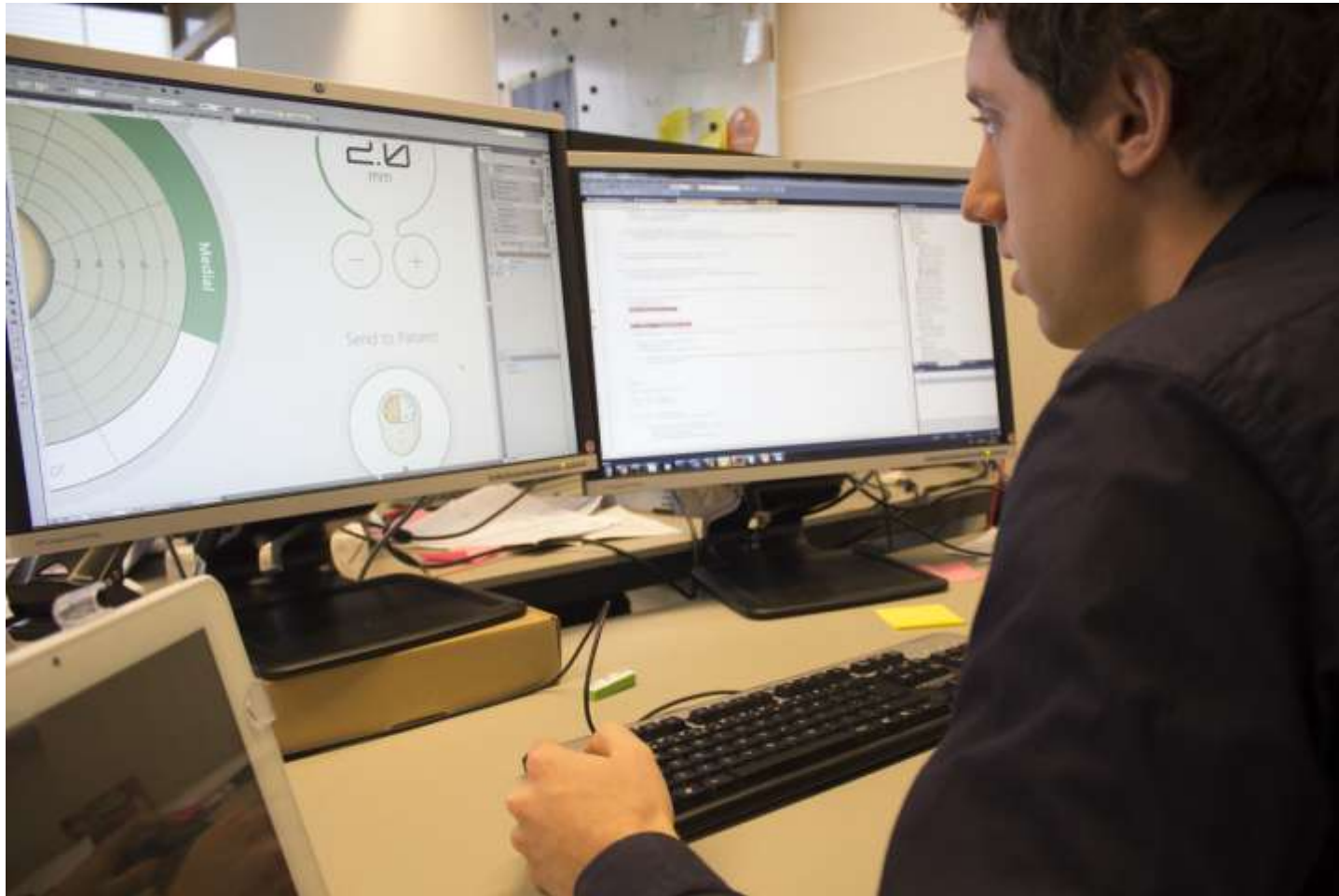




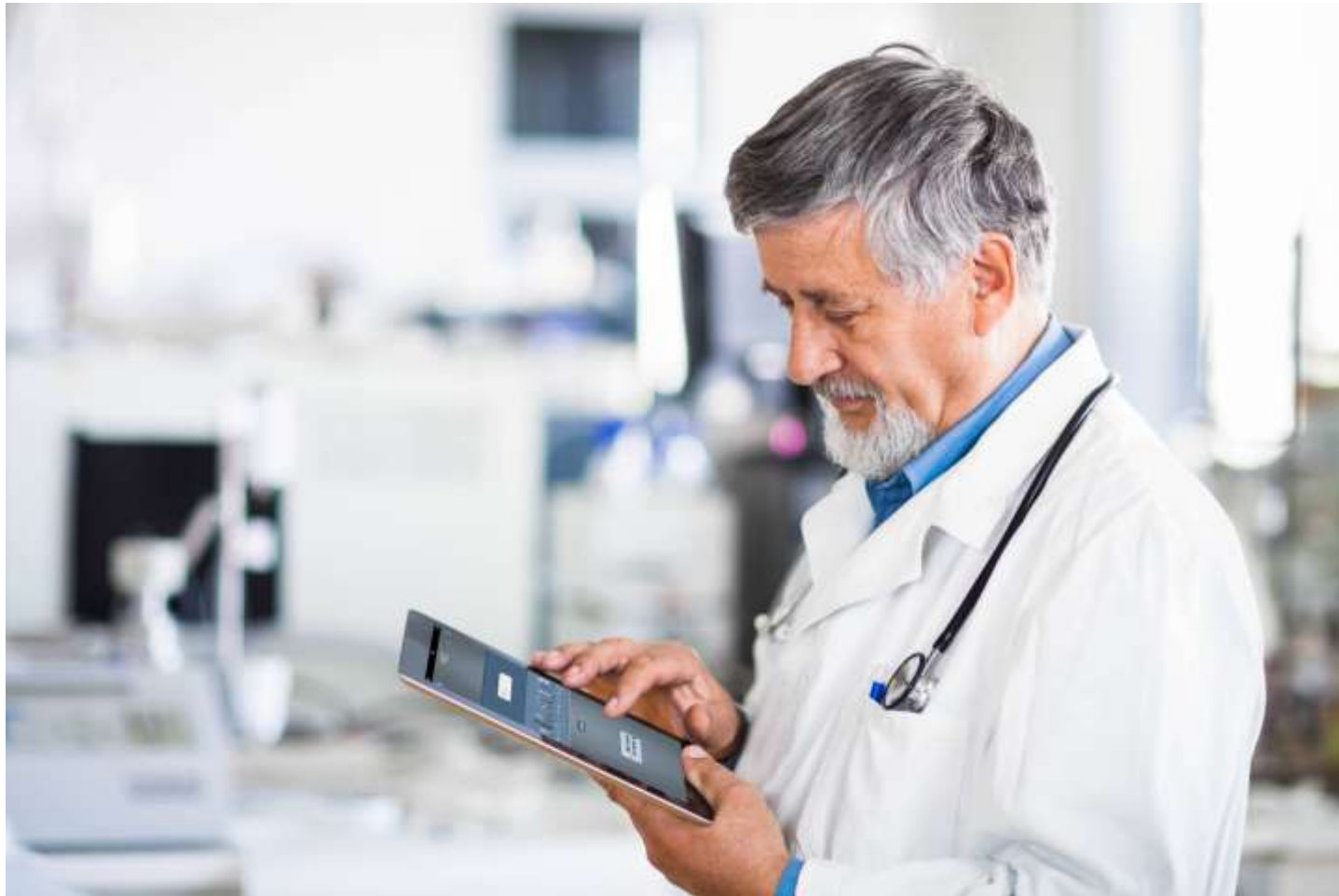
VAN **BERLO**

ZUIDZEVE
N

DEEP BRAIN STIMULATION



CLINISCHE SPECIALISTEN



CLINISCHE SPECIALISTEN...



- 1 Respecteren gebruiksvriendelijkheid^[1]
- 2 Maken fouten
- 3 Houden van conventies

1) M. Wiklund (2010): Usability Testing of Medical Devices



The Transfer Positive

CLINISCHE SPECIALISTEN...



- 1 Respecteren gebruiksvriendelijkheid^[1]
- 2 Maken fouten
- 3 Houden van conventies

1) M. Wiklund (2010): Usability Testing of Medical Devices

“Oops”

GUIDELINE 12.22: INDICATIONS OF BATTERY STATUS

Workstations should indicate when they are drawing power from a depleted internal battery (Figure 12.13).

GUIDELINE 12.23: POWER REMAINING: INDICATION

When technically feasible, workstations operating on battery power should provide information of how long they will continue to operate before running out of power (Figure 12.14).

GUIDELINE 12.24: LOW-BATTERY WARNING

Workstations should provide users with a warning when battery power is running low. The warning should be issued when there is enough battery power remaining to enable the user to find an alternative power source or safely discontinue use of the workstation.

GUIDELINE 12.25: FAIL-SAFE

Before a backup power supply becomes exhausted, workstations should save critical information and place physical components in their safest possible state.

GUIDELINE 12.26: POWER CAPACITY

The maximum amount of time a workstation can operate on battery power should be determined on the basis of the most demanding use scenarios.



15 minutes remaining

Error



Hazard

d



Use Error



Hazard

d



REGULATORY: IEC 62366



Quick Wins

ROOD LICHT ?



KLEUR



KLEUR



PERCEPTUAL COLOR SPACES



RGB



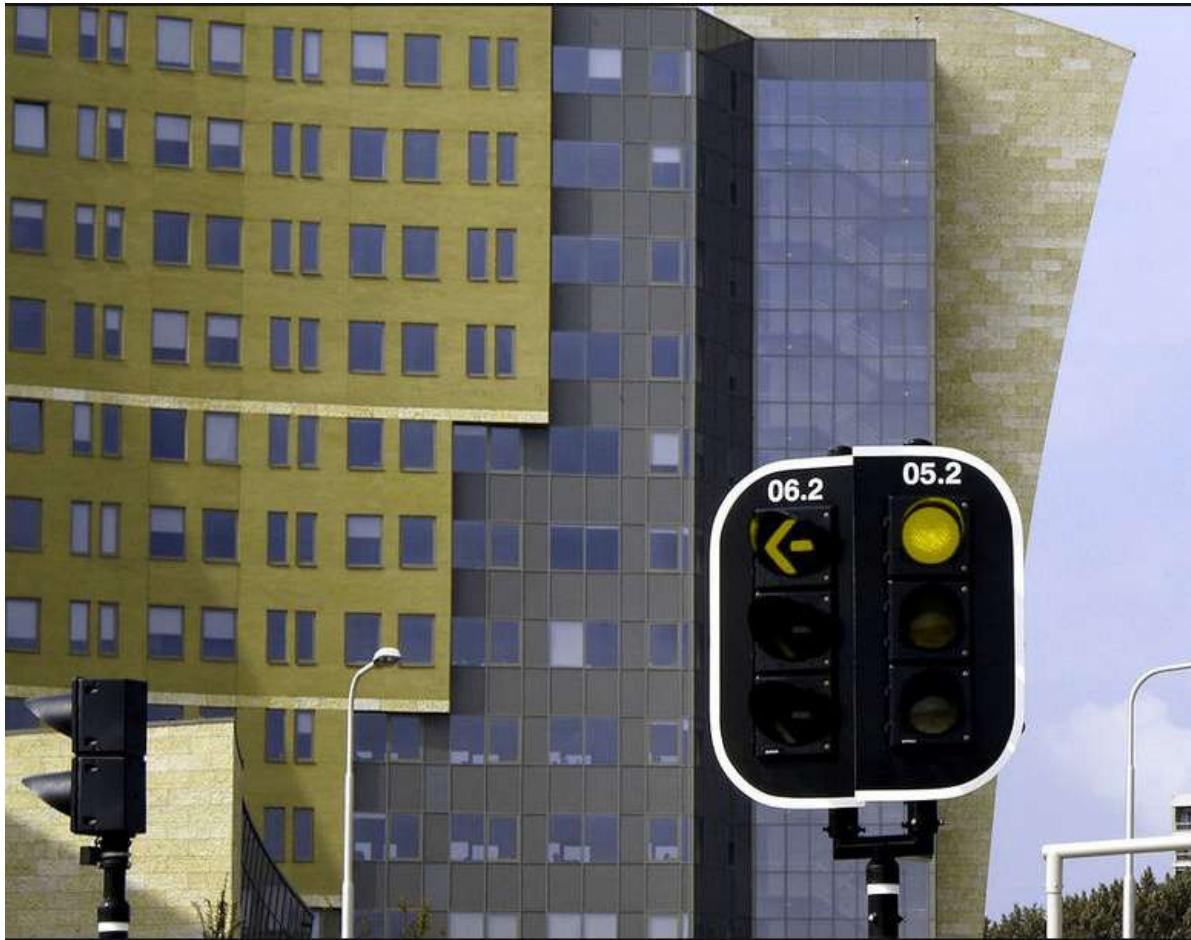
HSL





Redundanc y

REDUNDANCY

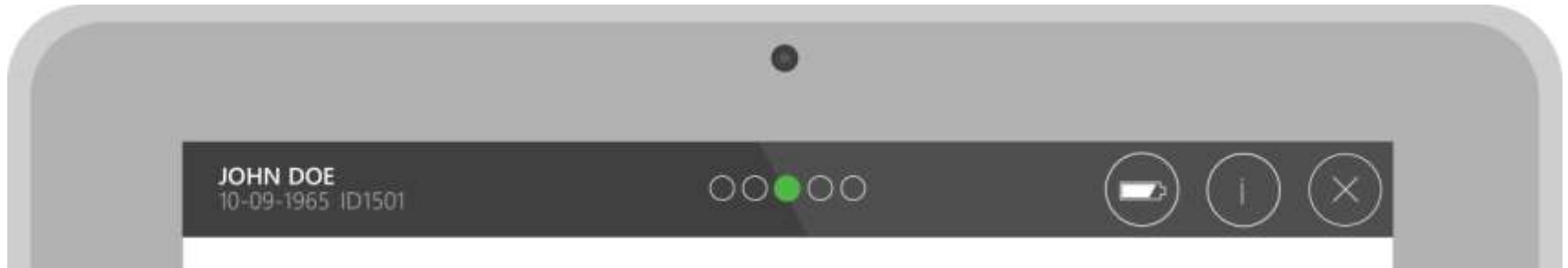


REDUNDANCY LEIDT TOT...



- 1 Hoge discoverability
- 2 Verlaagd risico
- 3 Sneller handelen

REDUNDANCY



1

Swipe gestures

2

Menu knoppen

SAFE GUARD



Safe Guard



Sapiens | Steering Brain Stimulation