



Connected Primary Care

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Date: July 20 2017

HIMSS Philippines Community Event 2017

FamilyDOC: Redefining Primary Care



2017

Total Clinics: 11

2020

Total Clinics: 100



Primary Care Model

- **3-in-1 community-based clinic: consultation** and simple **diagnostics** (laboratory and imaging), minor surgery, vaccinations and **pharmacy**
- **Over 30,000** unique patients served since opening in Dec. 2015
- **Affordable: 10-40% savings**, with discounted members rates:

	FamilyDOC	Other Private Hospitals & Clinics
Consult Price	PhP 400 <i>With free follow-up</i> PhP 350 (members)	PhP 500-1000

- Use of proprietary system and **Electronic Medical Records** for efficiency and continuity of care
- Staffed by **Primary Care Physicians** with specialists (IM, Pedia, OB) on call for referrals

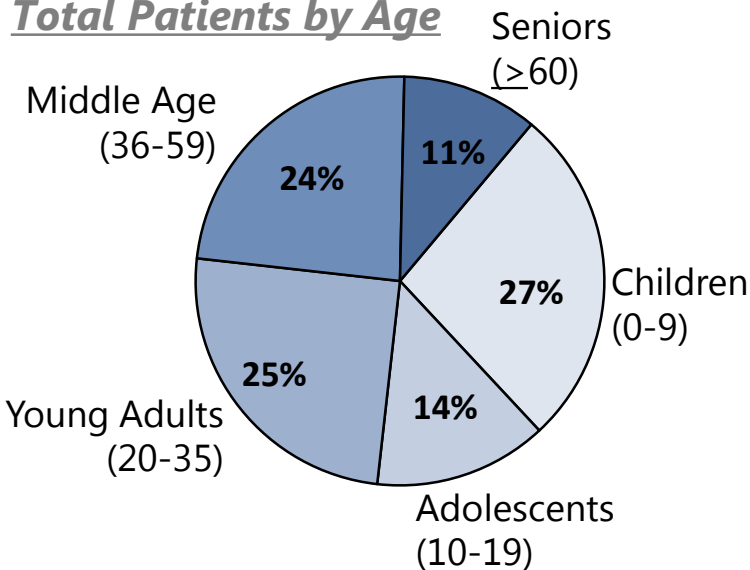
FamilyDOC in Numbers

TOTAL PATIENTS:
> 30,000



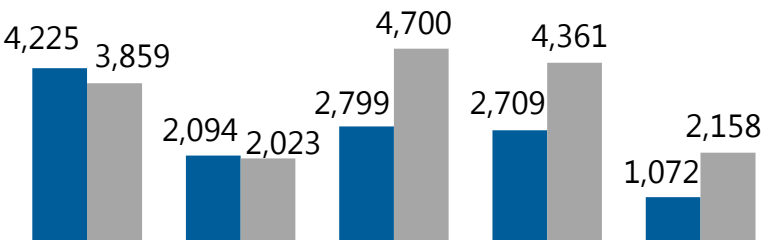
TOTAL FAMILIES:
22,157

Total Patients by Age



Total Patients by Age and Gender

■ Males (43%) ■ Females (57%)



**THE TYPICAL
FAMILYDOC PATIENT:**
Mothers and their
children



Target Market: **Mothers**

**Primary Caregivers and
Decision-Makers**

Our unique model resulted in distinct requirements that current providers could not address



Lack of offline functionality

Poor broadband connectivity

Shift to **manual record-taking** when offline



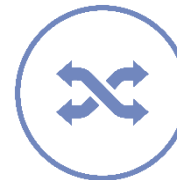
Limited digital analytics capabilities

Limited insight into healthcare behaviors and patient outcomes



Limited capabilities to integrate

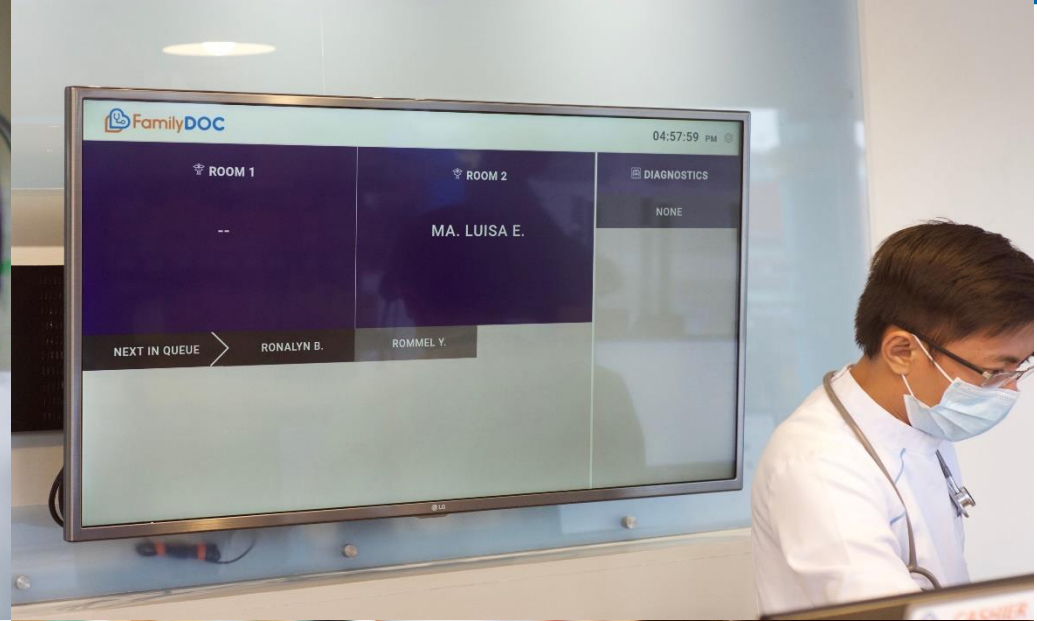
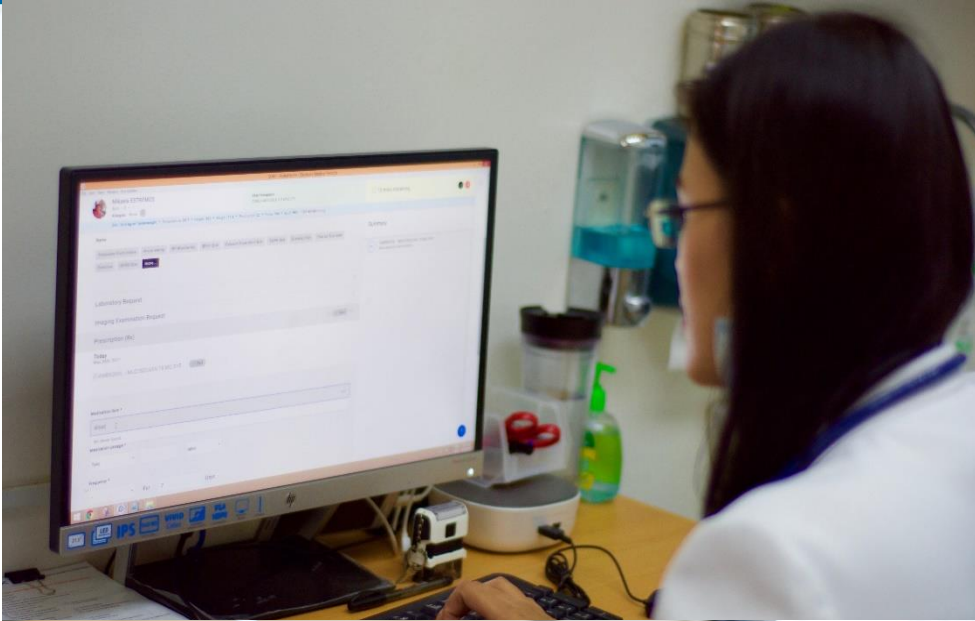
Growing range of medical devices to be integrated in the clinics




Zero flexibility

Software **cannot adapt** to the changing clinical workflows

Dora in action



Decision Support Systems



Chief Complaint
Cough

Allergies: None

SpO2: 98% • Temperature: 36.5 • Pulse: 18 • Respiration: 18/min • Bmi: 25.31 • BP: 160/100mm[Hg]

Imaging Examination Request

Examination requested

Chest AP : 1 view

Chest PA and Lateral : 2 views

Forearm AP and Lateral

Prostate Ultrasound

Pelvis Ultrasound by Transvaginal Approach (Non OB)

Fetal Biophysical Profile

OB Ultrasound of the Pregnant Uterus, Follow-up (e.g evaluation of fetal size by measuring standard growth parameters etc)

OB >14wks (after 1st Trimestral) Transabdominal Approach- Single Approach

OB Additional Gestation

more...

Prescription (Rx)

Today
May 2nd, 2017

⊕CAPSULE - IBUPROFEN PARACETAMOL ⊕RIFAMPICIN ISONIAZID PZA ETHAM - ACTIMED FCTABLET

Medication Item

RIFAMPICIN ISONIAZID PZA ETHAM - ACTIMED FCTABLET

Medication Dosage

Take 1 tablet

Frequency

1x a day For 180 Days

Sig. Take 1 tablet, 1x a day for 180 days

Summary

- Diet as tolerated
- IMG Chest PA and Lateral : 2 views
- LAB Afb sputum
- RX CAPSULE - IBUPROFEN PARACETAMOL
Take 1 tablet, every 4 hours for 7 days
- RX RIFAMPICIN ISONIAZID PZA ETHAM - ACTIMED FCTABLET
Take 1 tablet, 1x a day for 180 days



Risk Factors

Patient at high risk of developing

HYPERTENSION

(Click to enroll patient in protocol)

Recommended Diagnostics

SpO2: 98% • **Temperature: 36.5** • **Pulse: 18**

6 mins remaining

Imaging Examination Request

Examination requested

Chest AP : 1 view

Chest PA and Lateral : 2 views

Pelvis Ultrasound by Transvaginal Approach (Non OF

B Ultrasound of Pregnant Uterus, Follow-up (e.c

Today, May 2nd

14wks (after 1st Trimestral) Transabdo PZA ETHAM - ACTIMED FCTABLET Edit

Pregnant Uterus by Transvaginal Approach

Parameters etc)

more...

+ Add

Risk Factors

Patient at high risk of developing

HYPERTENSION

(Click to enroll patient in protocol)

Summary

- Weight loss
- Tuberculosis
- Diabetes
- Hypertension
- Tuberculosis of lung, without mention of bacteriological or histological confirmation
- Chest Rales
- Diet as Tolerated
- Chest PA and Lateral : 2 views
- Afb sputum
- CAPSULE - IBUPROFEN PARACETAMOL
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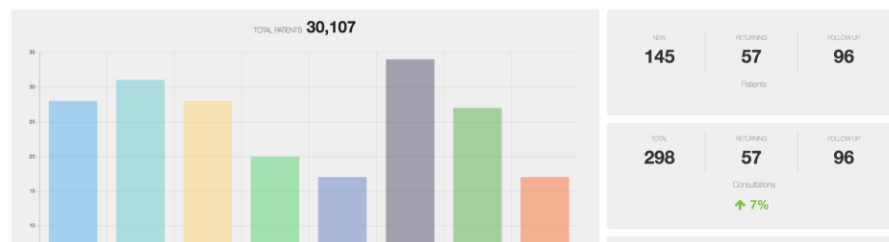
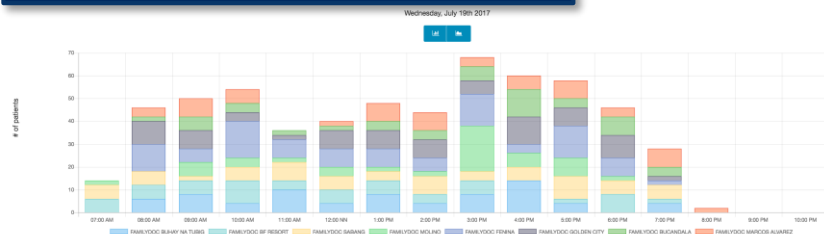
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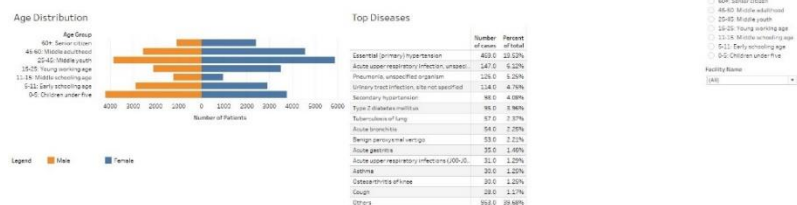
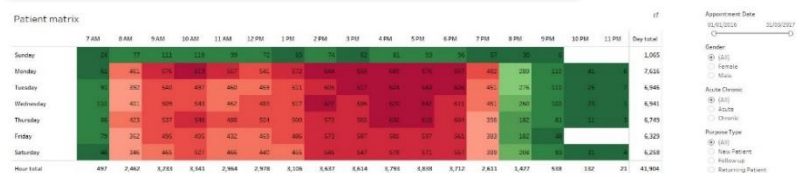
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Enables advanced analytics i.e., clinic performance, patient demographics, trending indications, monitoring of chronic diseases

Clinic Performance



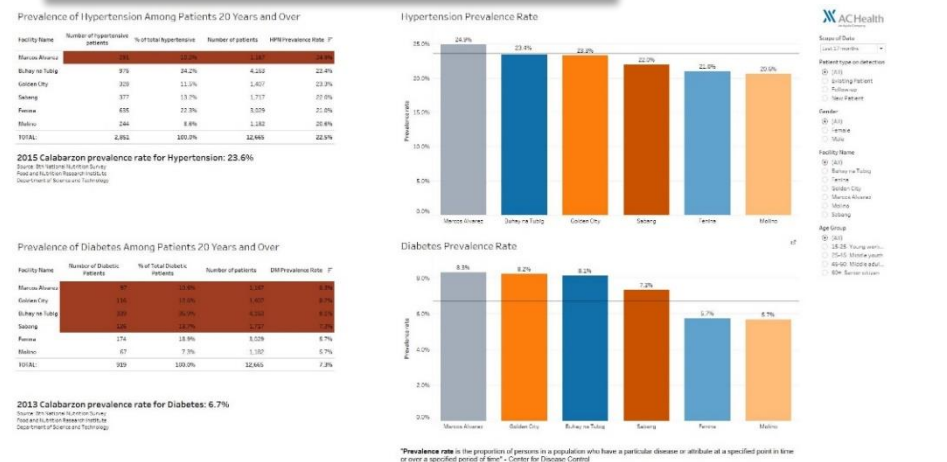
Patient demographics



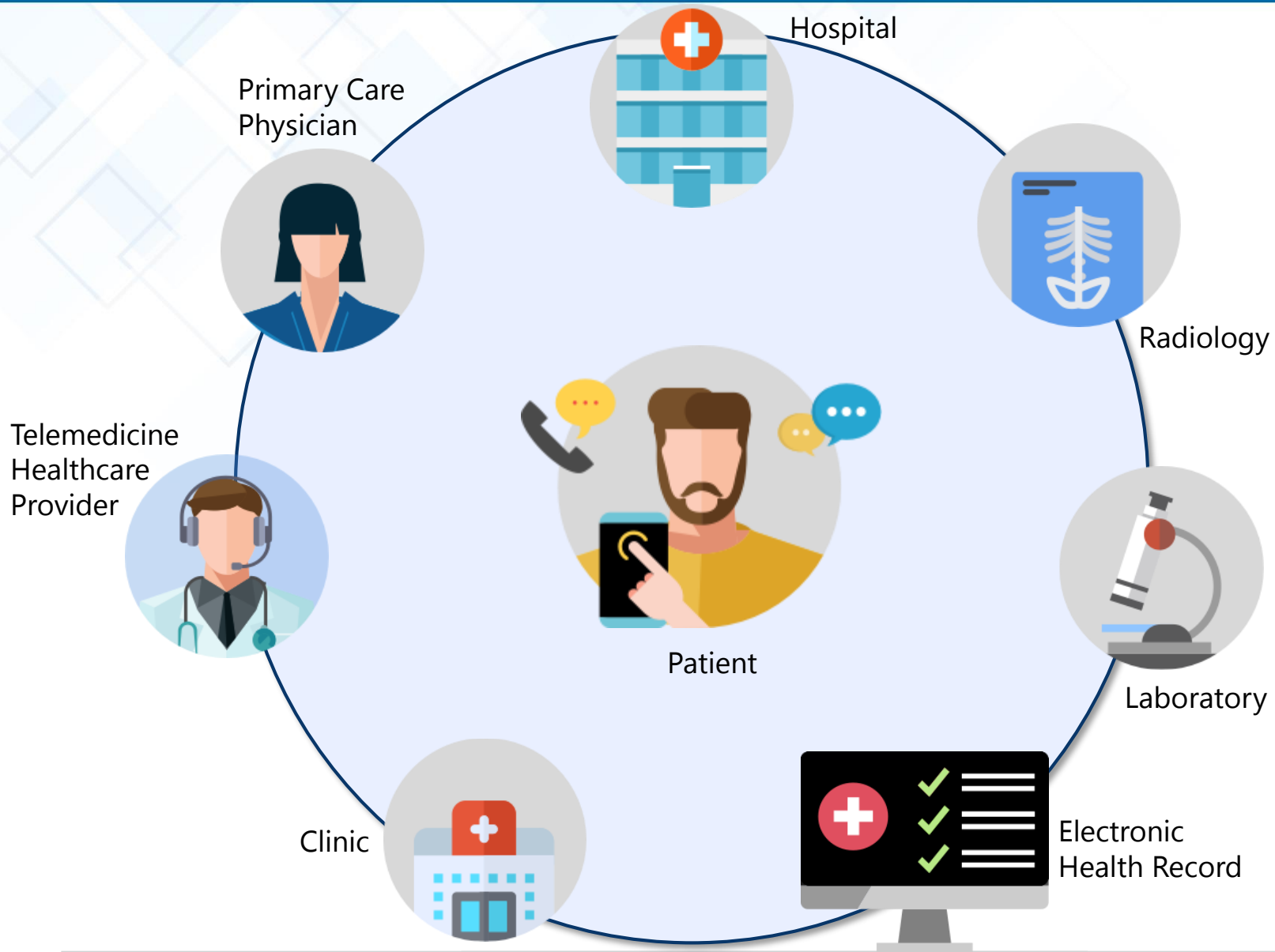
Trending indications



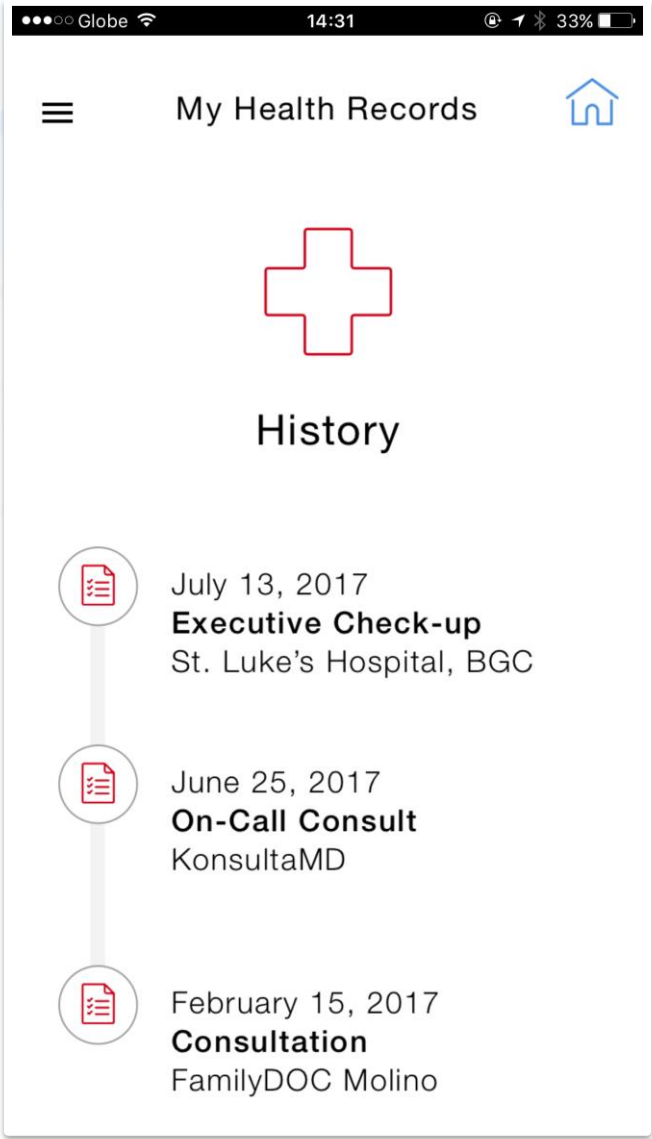
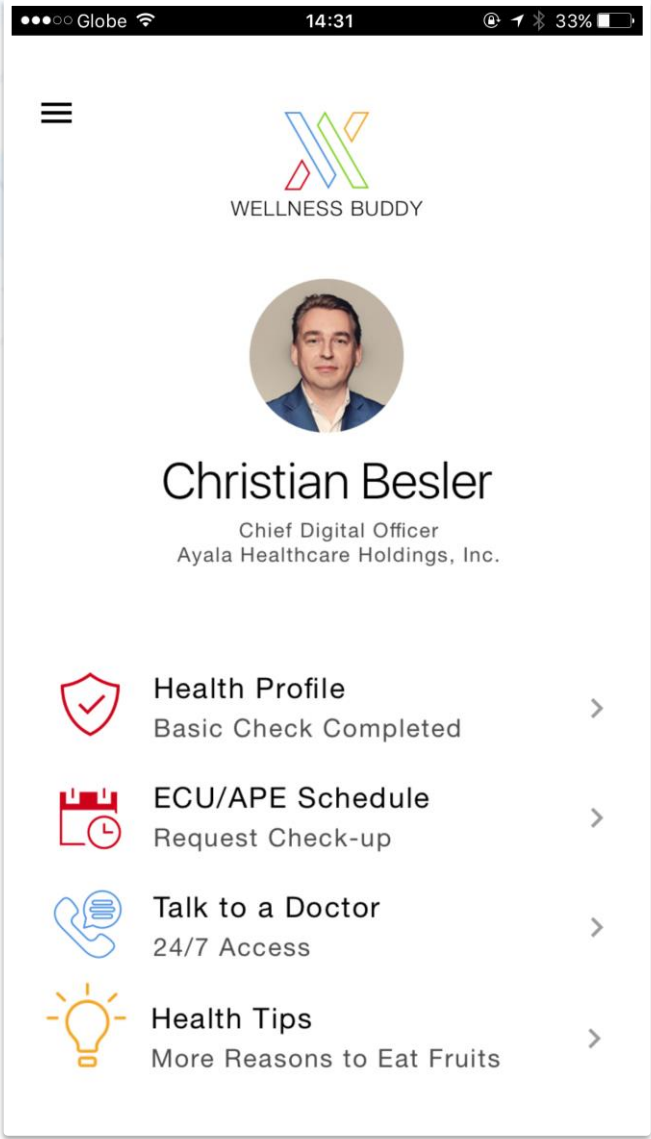
Monitoring of chronic diseases



Eventually, all your health at your fingertips



Experimenting within the group



When vision meets reality



- 1 Connectivity trade-offs:
reliability, availability,
performance, and low cost
- 2 Expensive on premise hardware
installation vs. Cloud
- 3 Proprietary software vs. Open
Standards – openEHR for the
win!



Thank you!