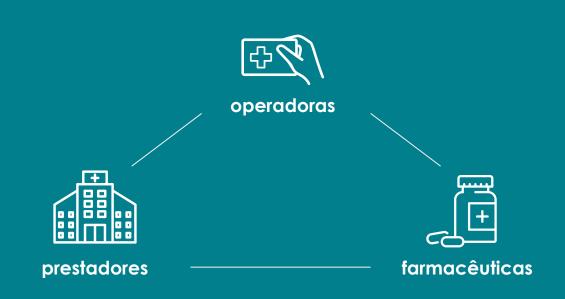
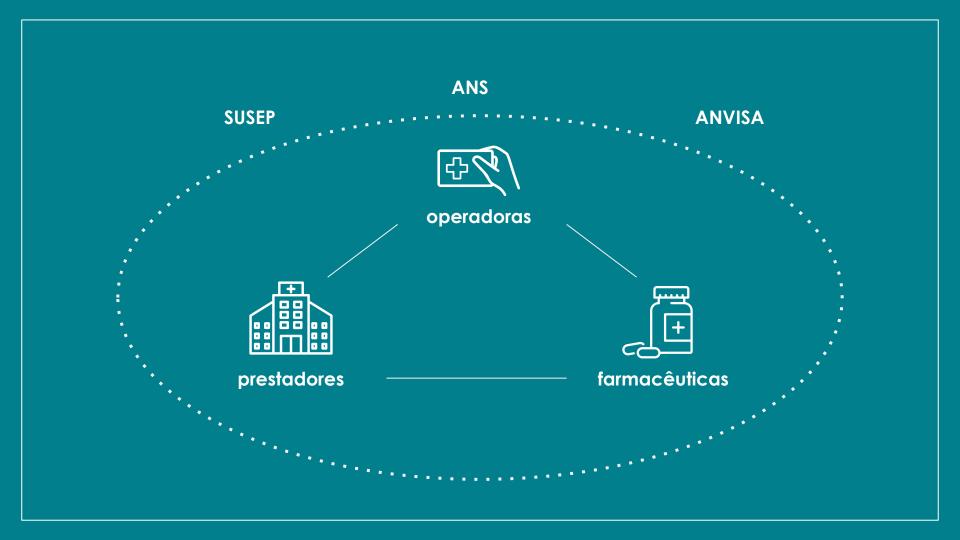


Entre Robôs e pessoas: um olhar para o futuro da saúde no Brasil.

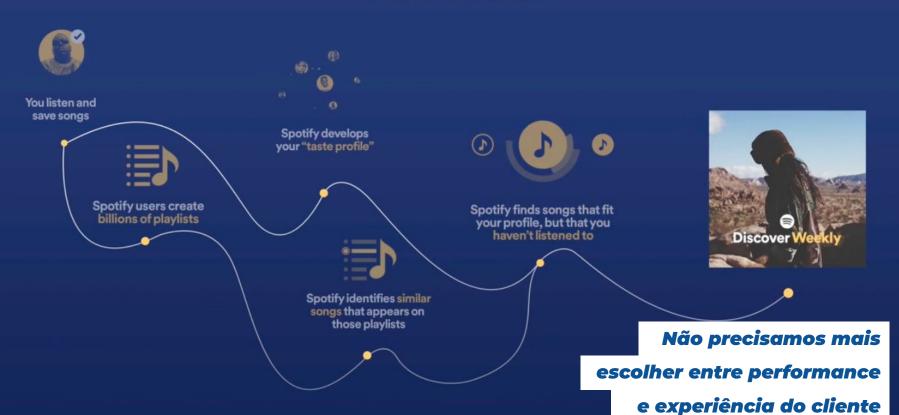
Fabio Calzavara







How it works



As melhores práticas de saúde estão cada vez mais inseparáveis do avanço de tecnologias, de novas relações transacionais e das comunicações digitais.

Por que viabilizam **melhores entregas** em:

Educação

Finanças

Entretenimento

Varejo

Commodities

Esportes

Cultura









E a saúde?





Ela vai para o **caminho oposto**:

mais do que nunca você será **ativo**.

Você terá controle.

Humanização é:

Transparência na informação

Autonomia, controle, poder de escolha

sobre os serviços.







The only smart band in the world that tracks calorie intake and hydration level automatically!

HEALBE GoBe2 smart band

SHOP NOW

BUY ON amazon

EATURES

Automatic Calorie
Intake Tracking



Get a better understanding of your energy balance! Manual calorie counting can be left behind - HEALBE GoBe2 counts digested calories automatically! Body Hydration Monitoring



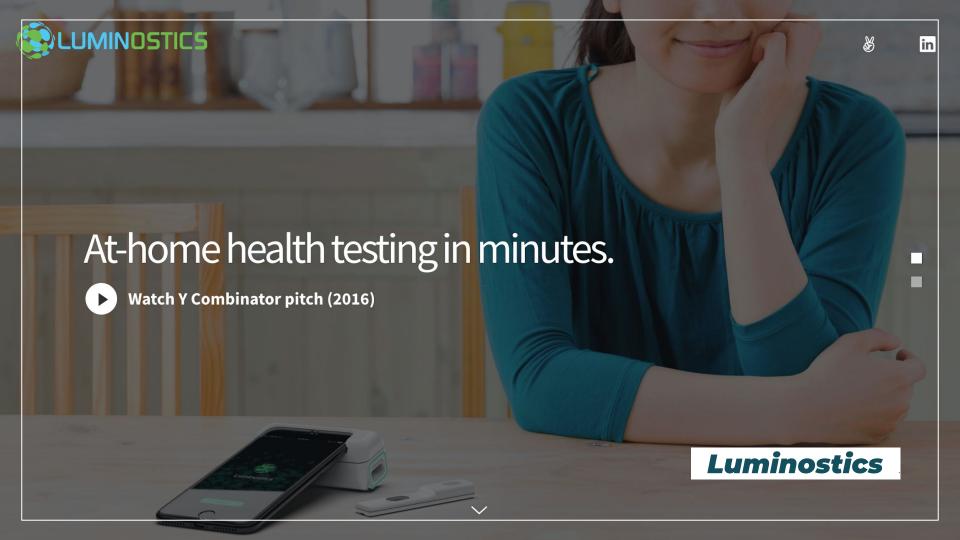
HEALBE GoBe2 tracks your body hydration 24/7 and notifies you when to drink water.

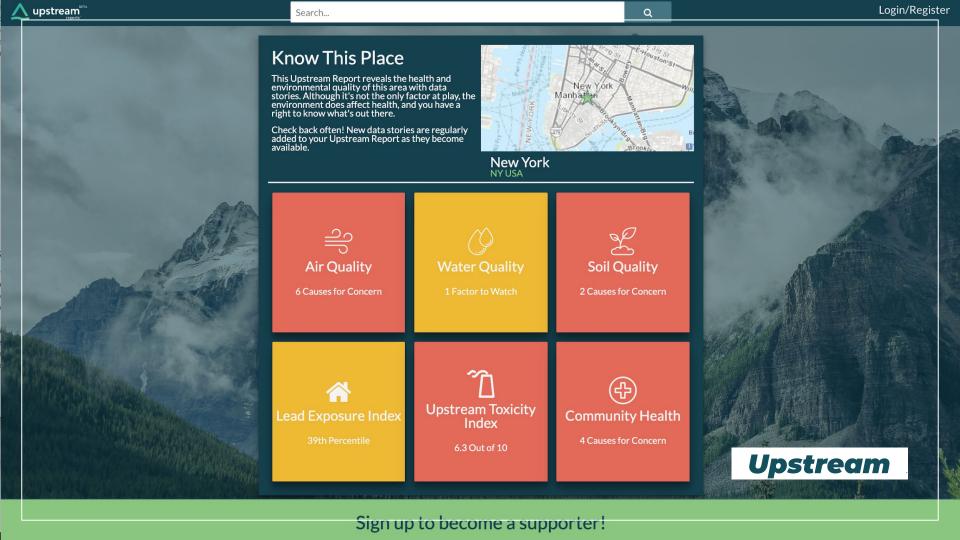
Don't rely on your feelings when it's time to drink. Use GoBe2 as an early reminder of dehydration. Emotions and Stress Level Monitoring



Modern life is incredibly stressful. Use GoBe2 to understand your emotions and keep stress under control.

Healbe







Registros médicos APIs Pessoais

Centrado em sintomas Orientado por dados



02

Customização em escala

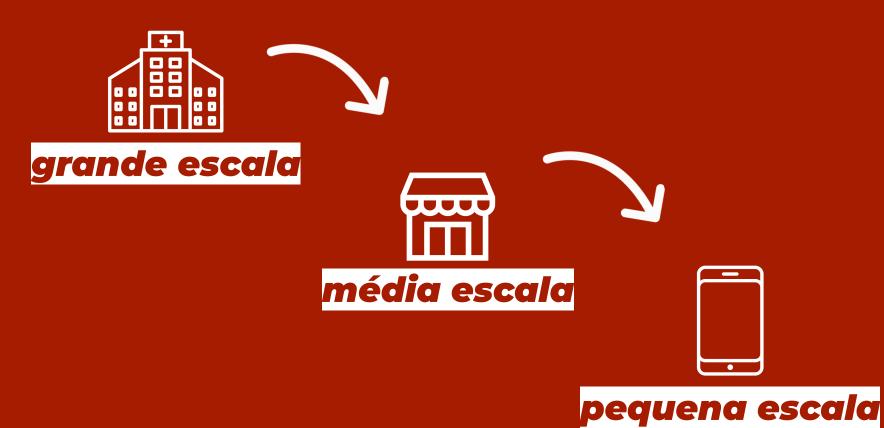


em 2020:

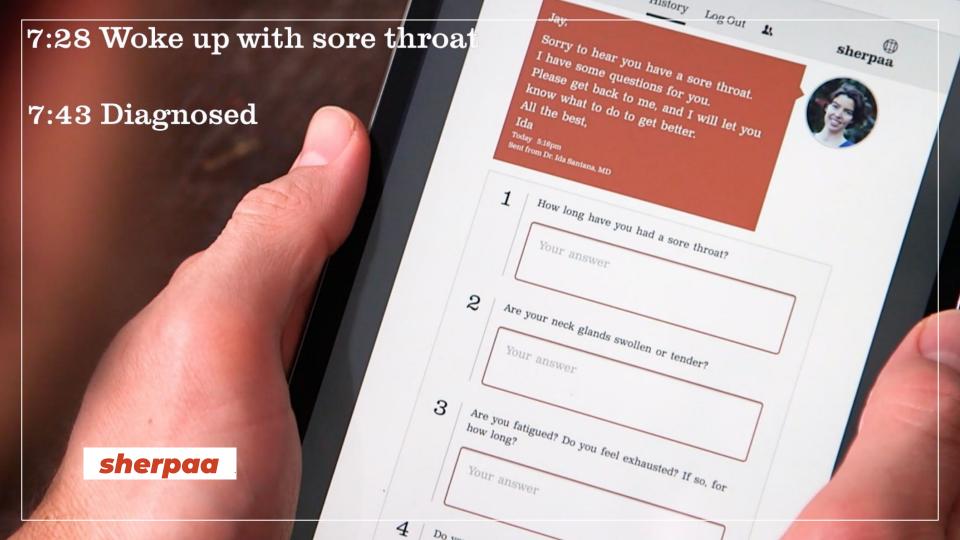
2.314 quatrilhões de gigabytes.

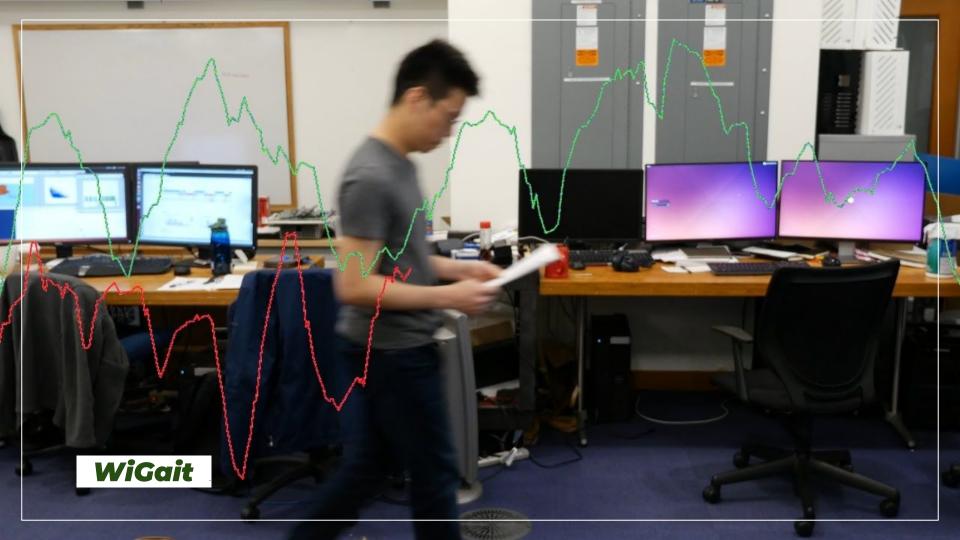






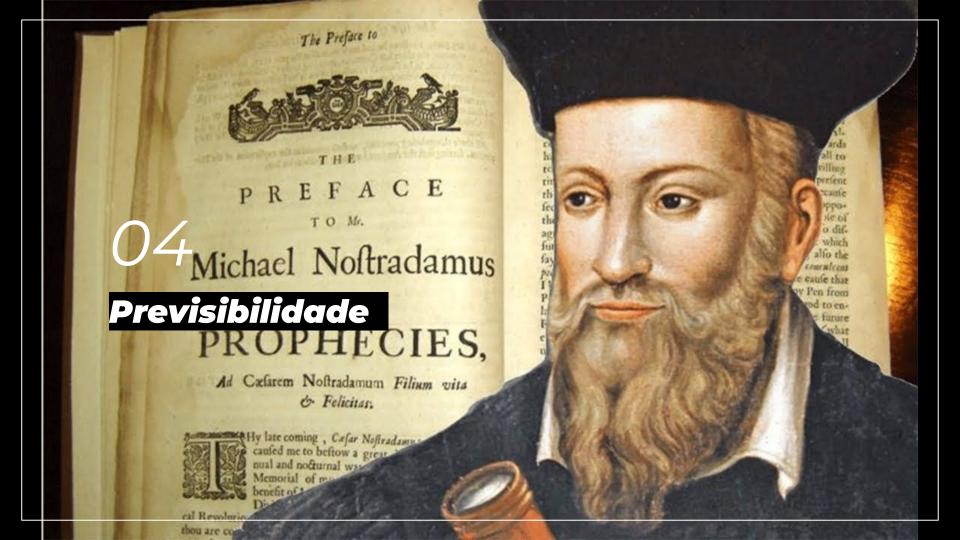
















07

Descentralização da informação

02

Customização em escala

03

Cuidado onipresente

04

Previsibilidade

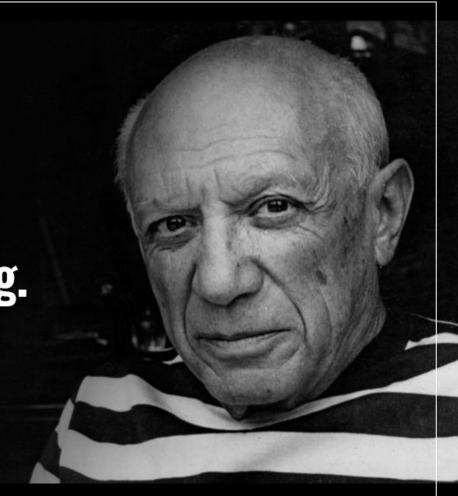
mais **tempo**

mais **saúde**





- Pablo Picasso



Obrigado!

Fabio Calzavara



in fabio_calzavara

fabiofbc@hotmail.com



A Snapshot Of The Healthcare Consumer

Places A Premium
On Personalization

A personalized experience from a provider is the #1 US customer priority in healthcare.

Consumer Priorities in Health Care Survey. Deloitte, 2016

Takes An Active Role In Managing Their Health

28%

of surveyed consumers used technologies to monitor and manage their health, compared with 17% in 2013.

Global Life Sciences Sector Outlook. Deloitte, 2017 Wants Their Data To Inform Their Experience

78%

of health-insured patients who own wearables want their doctors to have access to health data from these devices so providers can have more up-to-date views of their health (44%), use health data trends to be able to diagnose conditions before they become serious or terminal (39%), and give more personalized care (33%).

Connected Patient Report, Salesforce, 2016

Expects Providers
To Have Access To
A Complete Picture
Of Their Health

78%

of patients believe it is important for any health institution, regardless of type or location, to have access to their full medical history in order to deliver highquality care.

Patient Expectations of Medical Information Sharing, Transcend Insights, 2017

72%

of patients expect their doctors to easily share important information about their medical history ~ whenever or wherever they needed care.

Patient Expectations of Medical Information Sharing & Personalized Healthcare. Transcend Insights, 2017 Believes They Should Play A Role In Determining The Care They Receive

62%

of patients believe they should have full access to their records.

Connected Patient Report. Salesforce, 2016

75%

of consumers seek a partnership with their providers to determine the most effective treatment decisions.

What Matters Most To The Health Care Consumer? Deloitte, 2016





6 Digital Transformations In The Healthcare Industry

Patient Records Personal APIs

Symptom-Centered Data-Focused

Doctor Assessment Cloud Diagnosis

Acute Treatment Omni-Care

Healthcare Silos ----- Clinical Intelligence

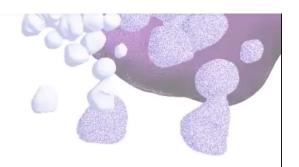
12 Trends Driving Precision Care

1. Contextual Footprint	YNAMIC ANALYSIS	4. Deviation Detection	RECISION TREATMENT	7. Genetic Prescriptions	10. Scaled Customization
2. Networked Vitals		5. Al Consultations		8. Internal IV	11. Technology Rx
3. Pocket Laboratory		6. Networked Microscope		9. Microbiome Building	12. Machine Coaching

VING DATABASE

Tap into the existing sensor infrastructure of wearables,

mobile and IoT devices to create a unified ecosystem of environmental and contextual monitoring, allowing for real-time behavior adaptations.



Aggregate personal data by syncing various databases together

to have a more holistic understanding of personal behavior to easily identify problems before they arise.

Analyze what variables are key drivers to users' lifestyle decisions and behaviors.

Consider how you can create supplementary resources around these areas to support and encourage key behaviors.

Use sensors that are already embedded in mobile devices

to analyze individual behavior and draw conclusions on their behalf to inform first-level decision making.

Set up a follow-up alert system

that categorizes results based on their importance and urgency.





04 Deviation Detection

Training always-on monitoring technologies to recognize deviations from a patient's normal health baselines that may indicate vulnerabilities to disease or illness.



Invest in systems that can aggregate various databases

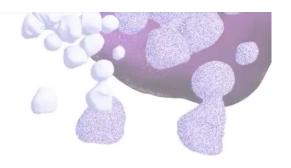
in order to analyze and make connections between different data streams, providing insights about patient behavior and comparing it to the global population.

Create an infrastructure that allows healthcare providers, hospitals and medical facilities to share their data anonymously

with each other to build a more comprehensive snapshot of the population healthcare.

Treat AI enabled chatbots as part of the team by assigning medical personnel to oversee,

manage, review their work and provide feedback, so they can learn from their human counterparts.



Employ extensive security measures to protect patient data and personal information

by tracking their day-to-day activity in the background to identify any deviations from the normal patterns of behavior.

Encourage individuals to establish long-term health goals

and provide in the moment assistance to help them to stay on track and course correct when needed.





5 Strategies Driving Data-Driven, Precision Healthcare

01

Build 360 Degree Data Profiles 02

Leverage Al Nurses & Ambient Tech To Humanize Care 03

Augment Human Expertise With Cognitive Analysis

04

Supplement Care Through A System Of Health IoT 05

Deliver Custom
Treatment Through
Dynamic Manufacturing