



Value for Health CoLAB is accelerating the paradigm shift to Value-Based Healthcare

www.vohcolab.org



Cofinanciado por:



We are a private non-profit organisation, with the mission of supporting healthcare stakeholders in measuring value in Health. In November 2018, VOH.CoLAB was awarded with the “collaborative laboratory” title by the Portuguese Foundation for Science and Technology.

We work in collaboration with universities, companies and government to develop high-value healthcare solutions and practices to our society.

Through service contracts with the industry we support companies developing high-value healthcare innovations. Research grants link us to international partners and researchers that contribute for the future of healthcare. Our partial public funding let us develop knowledge from exploratory projects.



Our Founding Partners



Our Knowledge Areas

▶ OUTCOMES MEASUREMENT WITH DIGITAL TOOLS

We are developing with healthcare professionals digital solutions to collect outcomes and associated costs through IoT and smart mobile devices. Our digital tools are designed considering that our citizens have different levels of digital and health literacy and are from different socio-economic contexts.

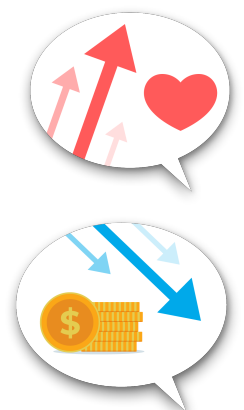


▶ PATIENT LITERACY

Citizens know better their needs. We are working with citizens to shape priorities and bring new ideas into the development of new tools to manage their health. We are leveraging health literacy and digital literacy to support patients in engagement with their own recovery and healthy lifestyle.

▶ VALUE ASSESSMENT

What is the value of my health? Citizens and healthcare providers are questioning the healthcare system. We are developing value assessment frameworks in collaboration with different stakeholders that explain the added-value of clinical decisions and treatments. Value assessment enables healthcare providers to manage more effectively their resources, healthcare professionals improve their practice, and citizens engage in health care.



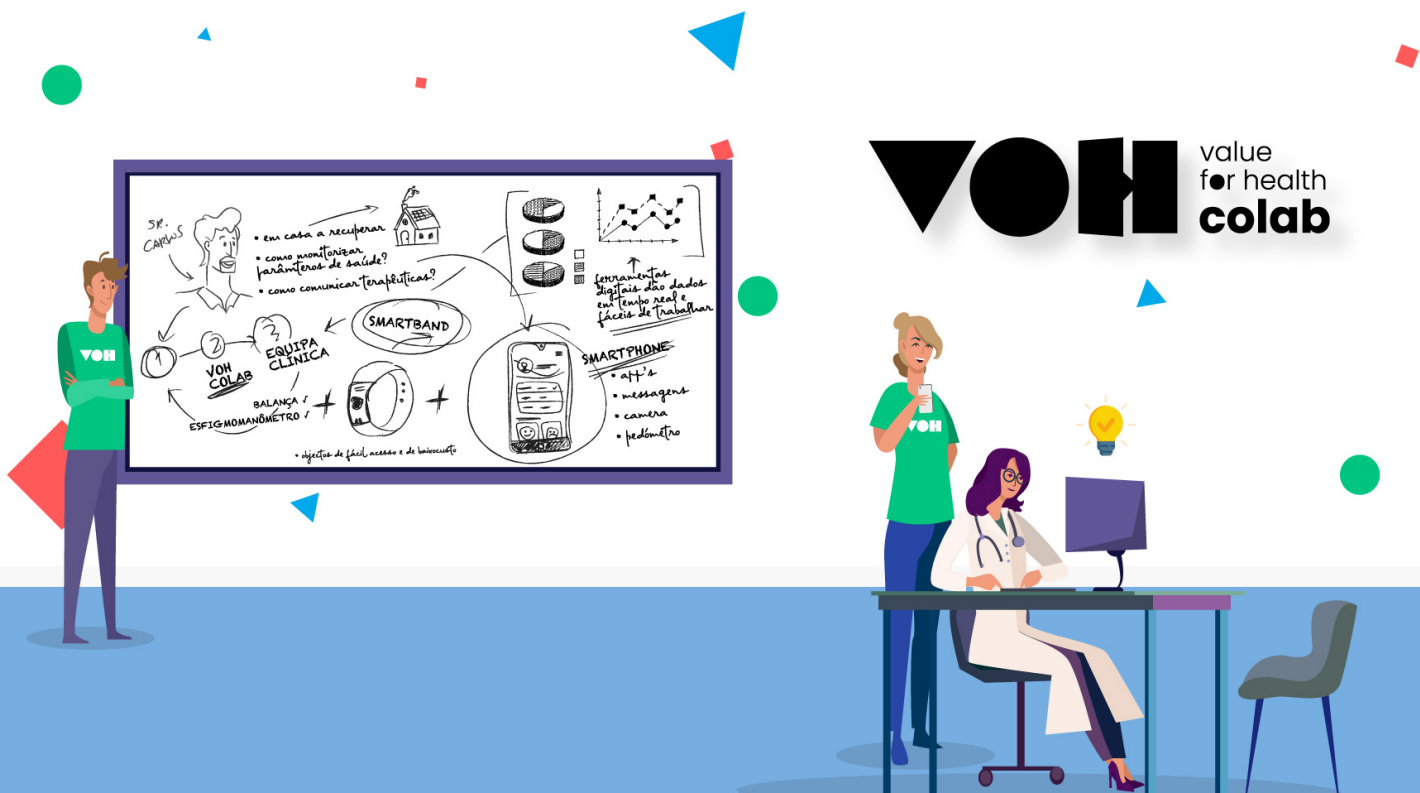
Our exciting research and innovation projects involve all stakeholders in Healthcare



We go beyond traditional research to implement iterative and short-term pilots which allow us to understand the unmet needs of citizens and healthcare professionals in their real-life context.

Our work with industry speeds and streamlines the adoption of high-value healthcare solutions and enlightens new valuable business opportunities.

Our work with academia brings into the classroom the real context scenarios and scientific evidence of the Healthcare sector, leveraging knowledge sharing for better training of professionals and education of all citizens.





Our R&D projects portfolio

From 2019 to 2022, we have raised 2,5M€ for our projects

- **Telemonitoring patients from cardiothoracic surgery with IoT, mobile technologies and artificial intelligence (CardiofollowAI).**
Competitive funding awarded by Portuguese Foundation for Science and Technology, 2020.
Total budget: 239.693,60 EUR
Partners: Fraunhofer, Vodafone, Hospital Sta Marta, NOVA Medical School, VOHCoLAB
- **Design and implementation of a pilot study for validation of a sensor-based wearable device to monitor COVID-19 symptoms.**
Competitive funding awarded by P2020, 2020. 392.404,34 EUR
Partners: VOHCoLAB, PLUX SA, Future Healthcare SA, Health Systems Ltd
- **FastTrackCOVID: national screening strategy for exposure to the SARS-CoV-2 to support public health measures and political decisions.**
Competitive funding awarded by P2020, 2020. 472.427,13 EUR
Partners: Germano de Sousa SA, NOVA Medical School, VOHCoLAB
- **Time-driven based cost analysis of knee osteoarthritis surgery In two CUF private hospitals.**
Contract service with CUF.
- **Frailcare.AI - Intelligent frailty pathways for the portuguese elderly population and impact analysis of the telecare service SNS24 Proximidade Sénior**
Competitive funding awarded by Portuguese Foundation for Science and Technology, 2019. 236.648,5 EUR. DSAIPA/AI/0106/2019
Partners: NOVA Medical School, NOVA FCT, SPMS EPE, VOHCoLAB
- **CUFIoT4AHA: IoT Monitoring for Home Care of the Elderly in a Private Health System**
Competitive funding awarded by H2020, 2019. 200.000,00€
Partners: CUF, Promptly Ltd, Ubiwhere Ltd, VOHCoLAB
- **Health pathway design for Amyotrophic Lateral Sclerosis in the Portuguese healthcare system context. Health, social and economical impact.**
Exploratory project. Partners: Portuguese ALS Patients Association, IMM, VOHCoLAB
- **Analysis of High users in Emergency Service of a Portuguese public hospital. Impact assessment of case management methodology: a ROI analysis.**
Exploratory project. Partners: Hospital Garcia de Orta, VOHCoLAB

Who do we work for?

We are working with all stakeholders in Healthcare:

Patients' associations

Healthcare providers

Clinical teams

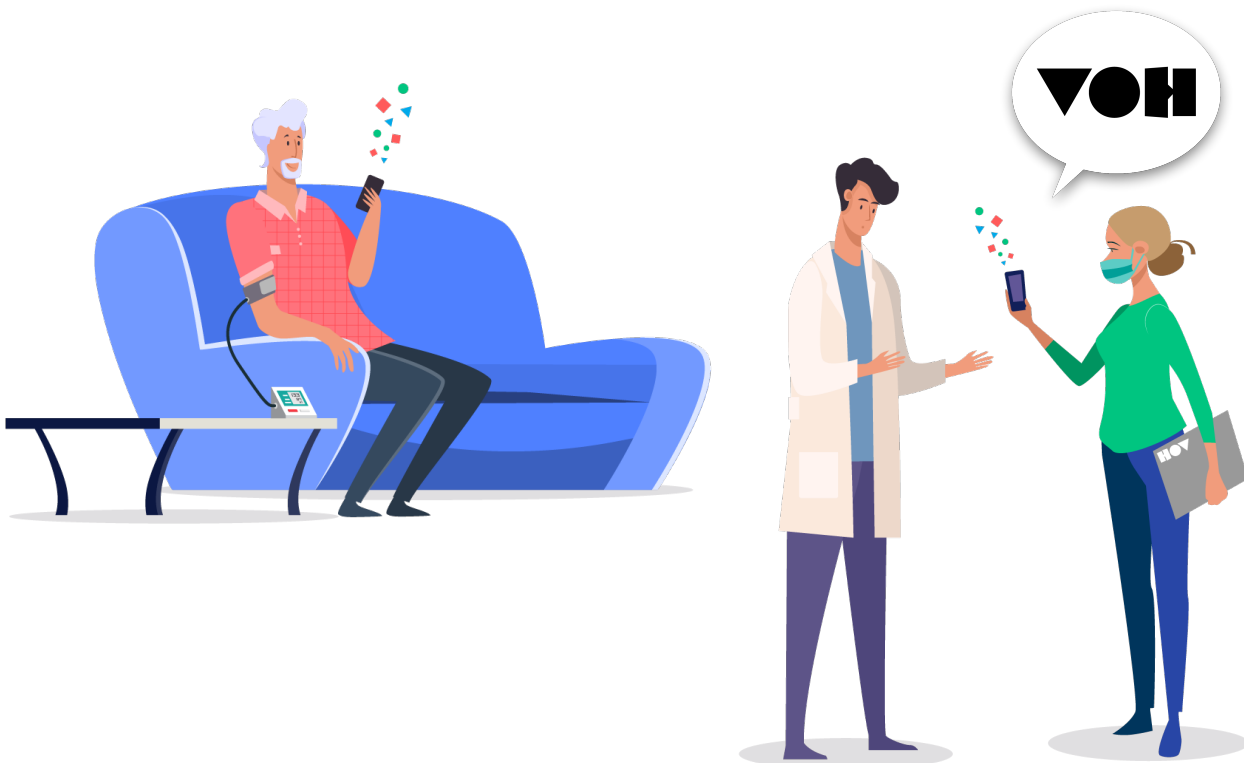
Researchers in University

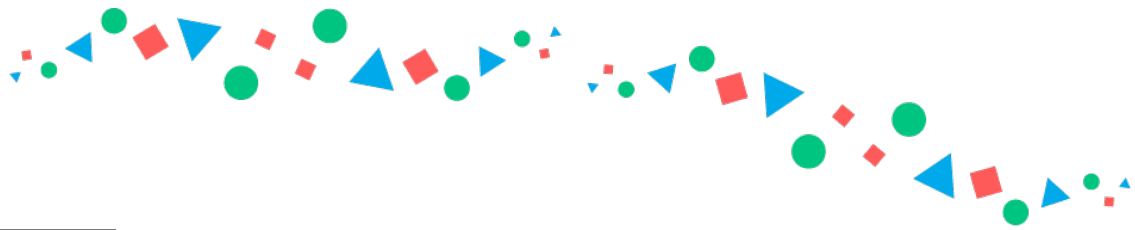
Startups in digital health

Insurance companies

MedTech and Pharma companies

Public and private organisations in the Healthcare systems





Our R&D services

With our partners, we gather expertise in R&D, Digital Technologies, Digital Health Market and Healthcare. We provide digital tools, work with IoT & mobile devices and artificial intelligence.

Design and implementation of Pilots for Digital Healthcare Interventions

We help healthcare providers to test new digital-based healthcare interventions. Health pathway characterisation, outcomes definition, service analysis, organisational change, cost analysis (TDABC), and value analysis.

Health and Digital Literacy. Contents quality revision and development. Workshops

We help healthcare providers and patient associations to develop digital literacy contents to better inform and engage their patients in care.

Value Assessment Analysis

We are finding more and more healthcare providers defining their own platform for outcomes and costs collection. We work alongside them by transferring scientific knowledge into the clinical and costs analysis. By applying cutting-edge scientific methods into their platforms we enable them to assess value in health more accurately.

Training for Value-based Healthcare

We design workshops and training programs to help healthcare providers and industry players to assess value in healthcare. From patient literacy, to digitalisation, to cost analysis, training sessions are customised to the professional's context.

DIGITAL AND SMARTER OUTPATIENT HEALTHCARE SERVICE FOR BETTER HEALTH OUTCOMES



the value of your health

We collaborate with researchers, companies, and government to help you measure value in health.

The goal is to empower everyone to take right decisions

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