

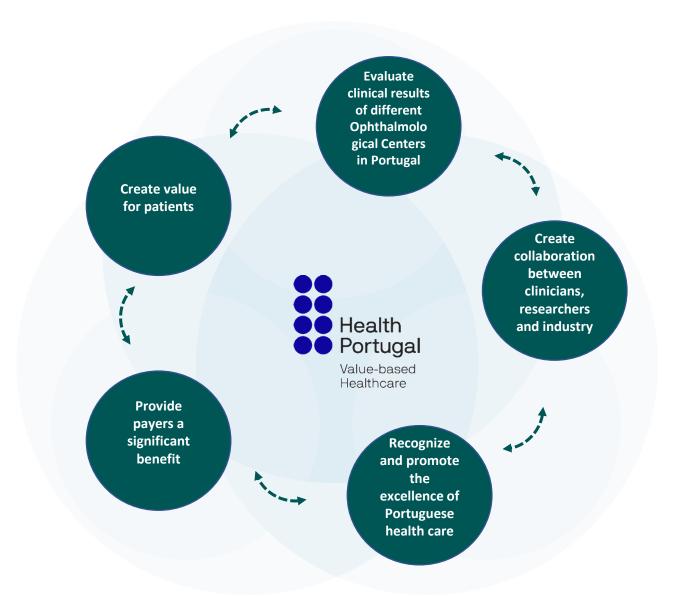
Turning VBHC into reality Value-based Health Care in Ophthalmology @Portuguese Hospitals



HCP - Clear Vision for VBH opthalmology

Health Cluster
Portugal

project



Why start with Cataract





- Cataract surgery is the most performed surgery in the world
- An inevitable fact of aging
- Declining vision adversely affects impacts QoL and mobility, associated with increased risk of falls
- One of most cost effective procedures with a high impact on quality of life
- A procedure with high outcomes variations and inefficiencies worldwide
- A burning platform@Portugal

A true public/private partnership



Government





Enablers





Care providers























Industry







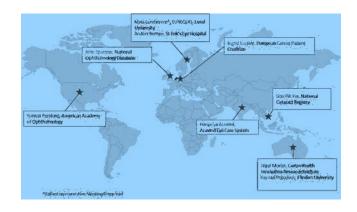




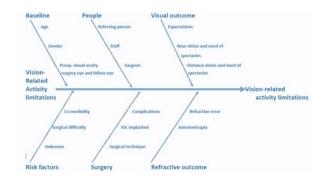
ICHOM most used standard set for Cataract



>73 sites and 3 registries implementing



Many factors impacting patient QoL



ICHOM follow up timeline for Cataract





The following questionnaires should be administered within the indicated time points

Pre-Operative Patient-Reported Form

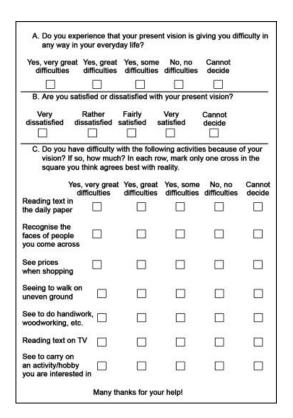
Pre-Operative and Intra-Operative Clinical Form

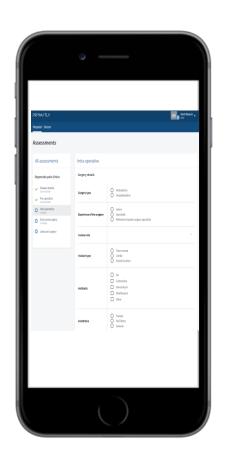
Post-Operative Patient-Reported Form

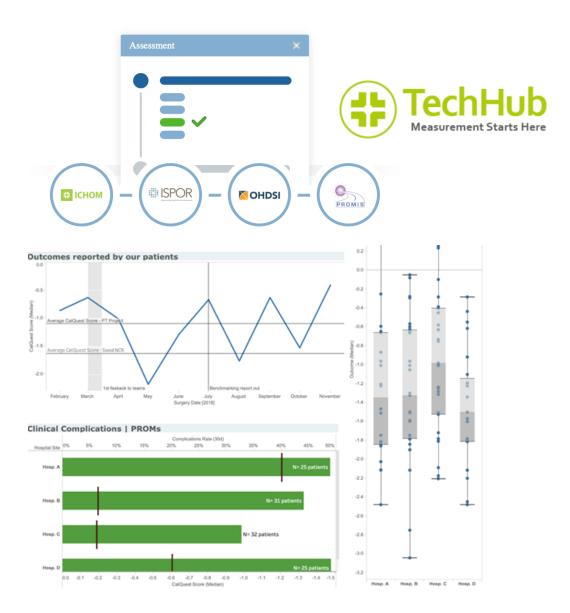
Post-Operative Clinical Form

Technology enabler - Promptly Health



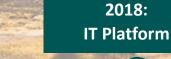






Implementation Journey

2021-26: External benchmarking
3 new specialities/year



Accordance to the second secon

2021: DMI KO
Costs analysis intro

2017: Conceptual foundation







ICHOM collaboration. Outcomes
Implementation & Measurement Seminar.



2019: Pilot in 3 centres5,000 patients included10 centres enabled



2020: Dec Cataract National Report

12,000 patients

Critical Enablers & funding



Vision and Commitment

- ✓ Ophthalmology departments delivering 15% of Cataract Care:
- ✓ Project Management



Comprehensive Data

- ✓ Basic: ICHOM standard set
- ✓ Custom: Biometry; refractive...
- ✓ Case mix adjustment
- ✓ Ethics approval
- ✓ Costs analysis
- ✓ Endpoint ≥80% of cataract surgeries

IT Platform

- ✓ Cloud based
- ✓ Patient-centered
- ✓ Multi-platform
- ✓ Data Capture
- ✓ Data Analysis



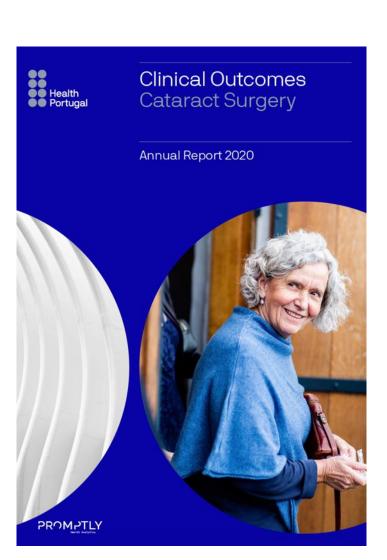




Project Management I Data completeness and validation

Analytics scalability I New pathologies

First Annual Report



Number of patients 11, 471

Sociodemographic characteristics

Comorbidities and technical factors

Visual results and refractives

Outcomes reported by patients



- Sociodemographic characteristics comparable to other european registries.
- Average follow-up rate of the CROM's of 63% and PROM's 52%.
- 85% of patients had an visual acuity before surgery < than the minimum to be able to drive (5/10)
- After surgery, 94% of patients had a capacity = > than this landing;
 78% of cases reached visual acuity "Normal" (10/10)
- 98.2% surgeries without complications
- 3 cases of infection related to surgery: endophthalmitis.
- The use of multifocal and toric lenses is grater than other european countries, such as Nordic ones.
- Patients completed questionnaires before and after surgery to assess the degree of disability for ADL related to the vision. 89% reported a significant improvement in the ADL after surgery.

WEF Coalition for Value in Health



WEF Coalition for Value in Health Health Cluster Portugal Cataract Initiative - HCP (Portugal)

A public-private partnership implementing value-based healthcare delivery model for cataract in Portugal

Driven by the need to improve care for individuals with cataracts, HCP formed a public-private partnership with 13 private and public ophthalmology centres in Portugal to implement value-based healthcare delivery model for cataract care. HCP is shifting the paradigm to deliver the best outcomes to about 11,400 cataract patients to date under the implementation of value-based care with 89% reporting significant improvement in their daily activities post treatment.

Health
Portugal
Value Based

Learn more



Healthcare

Next Challenges

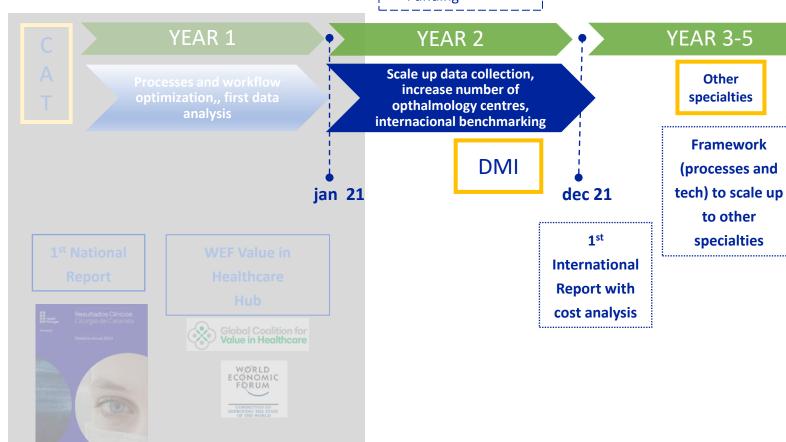
Funding Model

- Human Resources
- Data collection IT platform
- Data analysis IT platform
- Funding partners / sponsors

Cost Analysis

- Model
- Funding







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