



ICHOM's Role in the Adoption of VBHC

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Agenda

1. **Porter's Model of VBHC**
2. Catalyzing transformation to VBHC

Outcomes are the powerful lever to unlock a value-based health care system

$$\text{Value} = \frac{\text{Patient health outcomes achieved}}{\text{Cost of delivering those outcomes}}$$

Improve outcomes

- Starting point is to measure and improve the health results that matter most for a patient's condition



Reduce costs

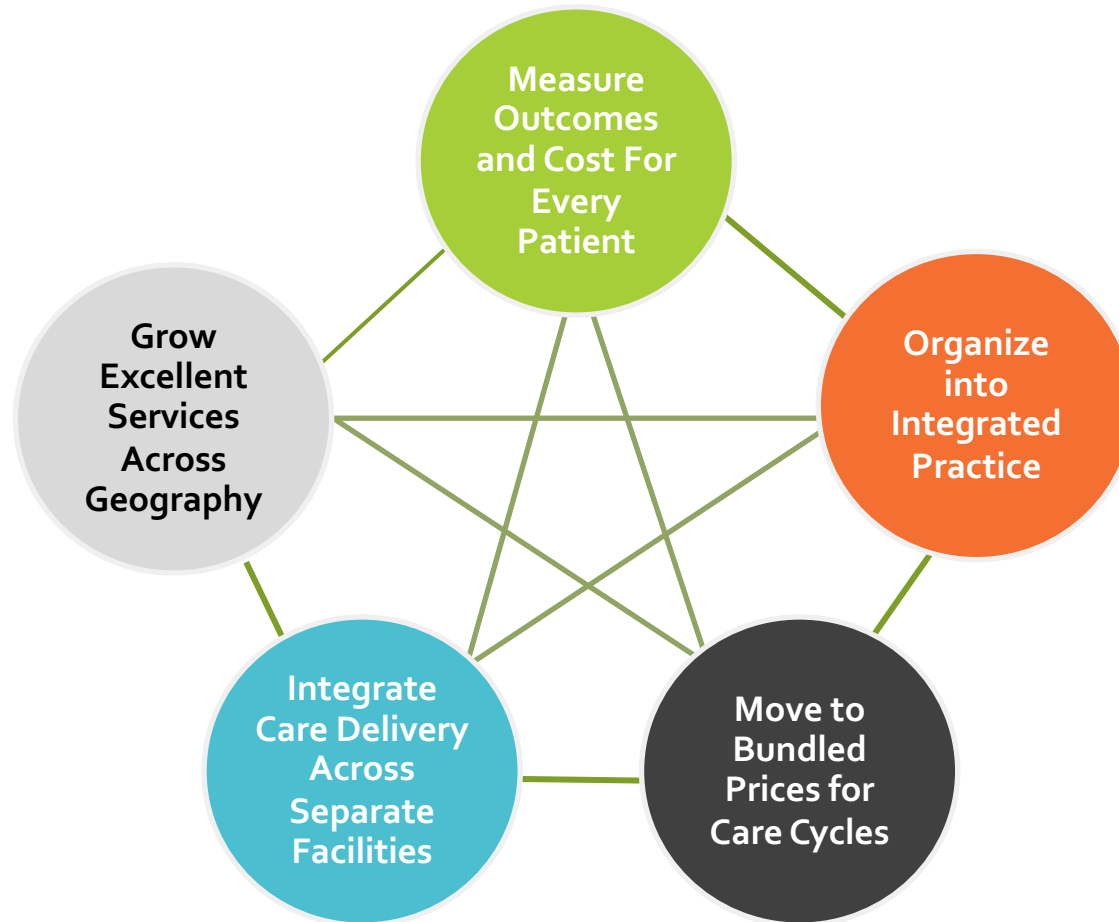
- Streamline care delivery to only those services that improve outcomes



Increase value

- Better outcomes at equal or lower cost leads to higher value

ICHOM's work is grounded in Michael Porter's Framework of Value-Based Healthcare



Build an Enabling IT Platform

Examples

Measure
Outcomes
and Cost For
Every
Patient

The Mayo Clinic



The Mayo Clinic in the US has implemented ICHOM Standard Sets for various different diseases in over **50,000 patients**.

They have written a paper on the **barriers and enablers** to outcomes measurement. Nordan et al 2018.

MD Anderson

MD Anderson Cancer Centre in Texas has integrated outcomes measurement into standardized care. They have **integrated PROMs** questionnaire into their EHR and used these results to guide their consultations with patients and improve the care they provide

Time Driven Activity Based Costing

TDABC is a method developed by **Prof Kaplan** at the Harvard Business School.

It uses process mapping to understand the time devoted to patients and to identify areas of potential inefficiency.

The Boston Children's Hospital

BCH has used TDBAC to **optimize their care pathways** for Neoplasm and Craniosynostosis



Examples

Organize
into
Integrated
Practice

The Martini Klinik



The Martini Klinik was established in 2005 as a centre dedicated solely to **prostate cancer care**. By 2011 they were seeing over 5,000 prostate cancer patient per year.

The specialization that Martini Klinik has achieved, has allowed them to improve outcomes for patients and show significantly **better rates of incontinence** and **erectile dysfunction** that other hospitals in Germany.

They **work as a team** to review the outcomes they deliver and improve their practices.

Medronic's Diabeter (NL)

Medtronic's Diabeter is effectively an IPU for Type-1 Diabetes.

In this centre, care is facilitated by an MDT, including **diabetes specialists, nurses, dieticians, psychologists and care managers**. This group provides dedicated, integrated care for type 1 diabetes.

It's services are housed within a single facility, with an overarching VCare IT platform



Integrate Care Delivery

- Concentrate **volume** of patients by condition in **fewer locations** to improve outcomes and efficiency
 - Avoid doing everything for everybody in every location
- Perform the **right services** in the **right locations** based on resource fit, and the benefits of patient convenience for repetitive services
 - Move **less complex surgeries** out of tertiary hospitals to smaller facilities and outpatient surgery centers
- Integrate the care cycle **across sites** via an **IPU structure**
 - Common **scheduling**
 - **Digital services** and **telemedicine** can help tie together the care cycle

A value-enhancing IT platform has essential elements:

- ✓ It is **patient/person-centric**
- ✓ Establishes common data definitions to **improve reporting and measurement**
- ✓ **Comines all types of data** (e.g.notes, images, PROMs) for a patients
- ✓ Enables **access and communication** among all staff involved in the care cycle (including patients)
- ✓ Standardised templates for medical conditions to **improve usability** and highlight most **important information**
- ✓ Enables **easy extraction** of information
- ✓ Adopt **interoperability standards** enabling communication among different providers and payors
- ✓ Leverages **mobile technology** for scheduling, PROMs collection, secure patient communication and monitoring, virtual visits, access to clinical notes, and patient education

Agenda

- Porter's Model of VBHC
- **Catalyzing transformation to VBHC**

ICHOM was formed to catalyze the transformation to VBHC

Where we come from

Global experts at three organizations founded ICHOM in 2012:



ICHOM is a nonprofit

- Independent 501(c)3 organization
- Idealistic and ambitious goals
- Global focus
- Engages diverse stakeholders

Our mission

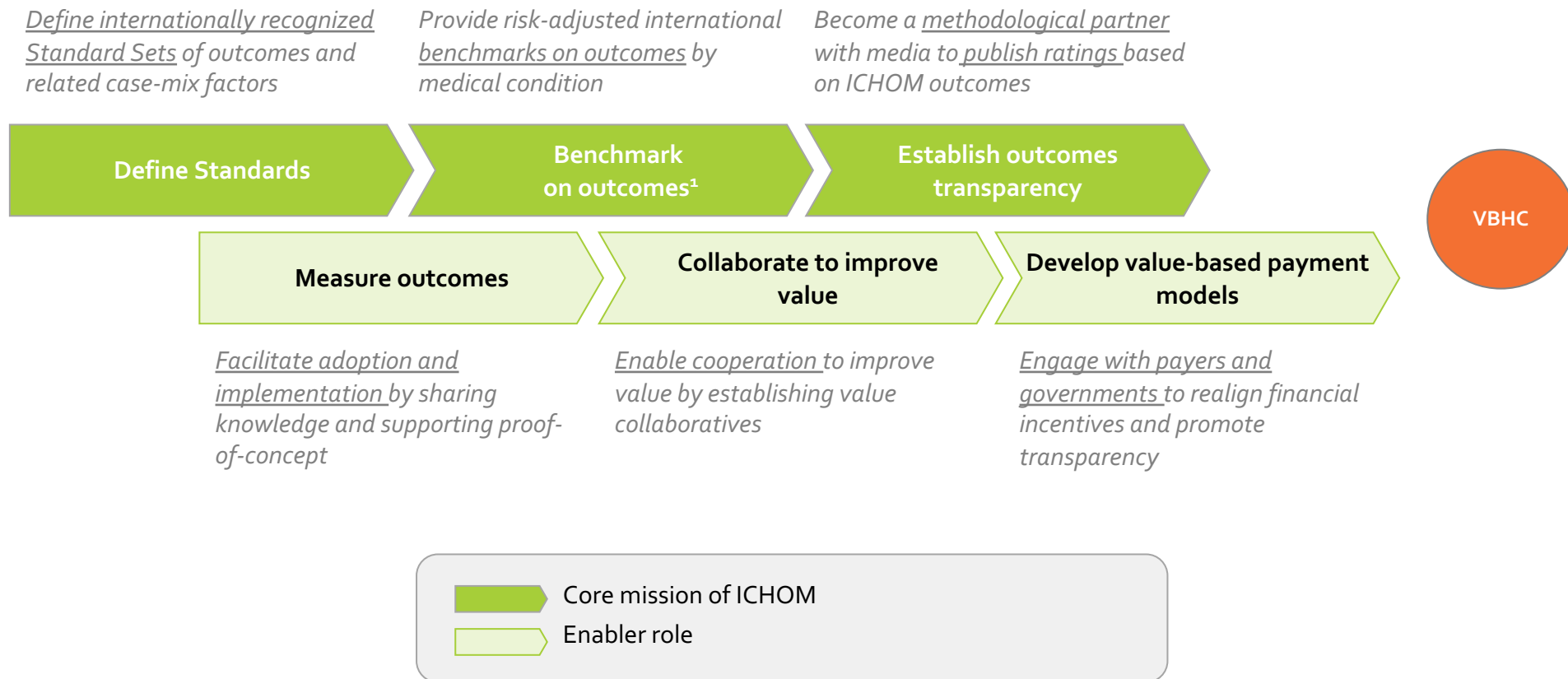


Our mission

Unlock the potential of value-based health care by **defining global Standard Sets of outcome measures that really matter to patients** for the most relevant medical conditions and by **driving adoption and reporting** of these measures worldwide

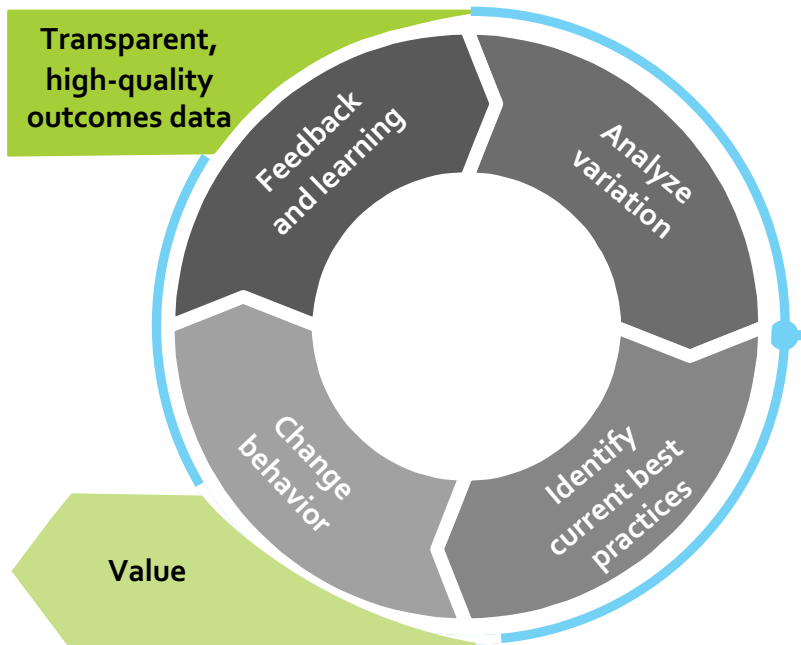
$$\text{Value} = \frac{\text{Patient health outcomes achieved}}{\text{Cost of delivering those outcomes}}$$

ICHOM's Strategic Agenda



ICHOM's work has the potential to impact all healthcare stakeholders

Key stakeholders



- **Patients** will **choose their provider** based on expected outcomes and their share of the cost



- **Clinicians** will improve quality of care by **comparing performance** and learning from each other



- **Hospitals** will **differentiate** into areas where they deliver superior outcomes at competitive prices



- **Payers** will **negotiate contracts based** on results, not volume, and encourage innovation to achieve those results



- **Life science** will **market their products on value**, showing improved outcomes relative to costs

ICHOM has achieved recognition, traction and global impact

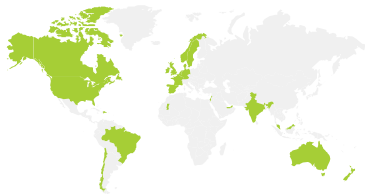
Growing Footprint

30+

Countries

650+

Institutions



Set Implementation

International Collaborations

100+

Collaborative Relationships Formed



NATIONAL QUALITY FORUM



Wide Coverage

28

completed standard outcomes sets

13

sets funded/in progress

19

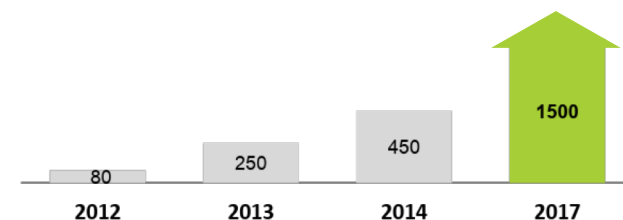
peer reviewed publications



Strong Engagement

~3x

Yearly increase in conference attendance



Our Commitment



Please join us our
mission to transform
healthcare!

ICHOM is at the forefront of
innovation, engagement and
evidence-based change.

We are committed to tackling
inefficiencies in care and providing
the best possible health outcomes
for patients.

By asking patients what matters
most to them, we will drive health
improvements which can impact
all healthcare actors.

Thank you

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