Verdibasert helsetjeneste: fra teori til virkelighet

Del II. Implementing Health Outcomes Sets: Highlights and Learnings

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HelseCampus Stavanger & Norwegian Smart Care Cluster

Patient-reported outcomes can improve survival



Patient self-reporting increased survival 20%

A study at Memorial Sloan Kettering Cancer Center evaluated the impact of patient-reported outcomes, PROs, on survival rates

- 766 cancer patients on chemotherapy were randomized to either a PRO group (self-report of 12 symptoms), or to the usual care group
- When a patient reported worsening symptoms, an email alert was triggered to a clinical nurse responsible for the care of that patient
- 77% of the symptom alerts led to modified clinical interventions¹



Including providing symptom management counseling, supportive medications, chemotherapy dose modifications, and referrals.
 How long patients tolerated a continuation of chemotherapy.

Note: The usual care group could discuss symptoms during visits and could make telephone calls to the office concerning symptoms Source: Basch et al. JAMA June 4, 2017

Patient-reported outcomes are helping make patients and doctors happier



PROs improve physician satisfaction, enhance physician-patient relationships, increase efficiency and enable crucial conversations

Partners introduces PROs system-wide in 2012—>1.2M PRO scores in 75 clinics across 21 specialties collected to date

Evidence from experienced PROs users suggests PRO collection may enhance physician satisfaction and prevent burnout, for several reasons:

- Allows providers to better understand their patients—improving relationships
- Enhance shared decision making
- Enhance workflow efficiencies and save time
- Facilitate conversations that might not otherwise have taken



Example of Patient-Reported Outcomes for shared decision-making

Source: Lisa S. Rotenstein, M.D., M.B.A., Robert S. Huckman, Ph.D., and Neil W. Wagle, M.D., M.B.A.; N Engl J Med 2017; 377:1309-1312October 5, 2017; DOI: 10.1056/NEJMp1707537; http://www.nejm.org/doi/full/10.1056/NEJMp1707537

Payer-provider collaboration is improving patient outcomes and lowering cost

Collaborative Quality Initiatives (CQIs)

Payer funds infrastructure for data collection and analysis across 20+ conditions

Coordinating Center (Univ. of Michigan) analyzes data from clinical registries and reports back to providers

Clinician-led provider meetings encourage quality improvement through collaborative learning

Patient representatives included in discussion to ensure initiative maintains strong patient focus





A Standard Set is defined through series of teleconference calls, supported by research and patient input



From ICHOM

Stanford was an innovator in outcomes measurement and early adopter of ICHOM's Low Back Pain Standard Set





Overview:

- 600 bed hospital
- 500K patient visits each year
- Primary teaching hospital for Stanford
 University School of Medicine

Neurological Spine clinic

- 5 doctors
- 120-150 patients per day
- Treat over 15 neurological spine disorders

- 6 clinics across Nairobi
- Launch of 6-month implementation programme on 5th December 2016 a partnership between ICHOM, PharmAccess and Harvard Medical School
- Initial focus on measuring the ICHOM Pregnancy and Childbirth Standard S

Scale to other clinics and other condition areas

Key success factors for implementing outcomes measurement

Find the believers

• Focus on finding clinician champions who want to know their outcomes and want to be transparent with their colleagues.

Organize a cross-functional team with appropriate governance

• A sustainable outcomes measurement system must engage a broad range of functions within the organization.

Invest time and resources

• Engage senior leaders to build bridges across functions and commit resources that will drive long-term benefit.

Celebrate progress along the way

• Successful outcomes measurement programs take time.

Use early successes to scale and spread

• Identify and share early success stories to catalyze interest across the organization







Dedicated teams and tools helped Erasmus MC achieve 90% PROMs compliance in early pilots



From ICHOM Source: Arora J, Haj M. Implementing ICHOM's Standard Sets of Outcomes: Cleft Lip and Palate at Erasmus University Medical Centre in the Netherlands. London, UK: International Consortium for Health Outcomes Measurement (ICHOM), December 2016 (available at www.ichom.org)



- 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

Patient-reported outcomes are helping improve patient care and placing the patient's voice at the forefront

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PERSPECTIVE

Patient-Reported Outcomes - Are They Living Up to Their Potential?

Judith F. Baumhauer, M.D., M.P.H. N Engl J Med 2017; 377:6-9 July 6, 2017 DOI: 10.1056/NEJMp1702978

There is a growing chorus of support for measuring patient-reported outcomes in clinical care. But there are still important practical questions about how data on these outcomes should be collected, visualized, shared, and used to improve the quality of care.

Disclosure forms provided by the author are available at NEJM.org.

SOURCE INFORMATION

From the Department of Orthopedics, University of Rochester Medical Center Rochester, NY.



Knee-Ligamen

Reconstruction

At an aggregate level

- Help minimize care variation e.g., compare data from different procedures for the same condition to determine which have the best outcomes
- Compare factors such as costs, risks, and time to full recovery after surgery can be compared, for procedures with similar outcomes
- Determine whether an individual surgeon's technique needs improvement or the approach should be abandoned when procedures have poor outcomes

Source: Judith F. Baumhauer, M.D., M.P.H.; N Engl J Med 2017; 377:6-9July 6, 2017DOI: 10.1056/NEJMp1702978

PROs collected from Total Kneed Replacement patients at the University of Rochester are helping improve patient outcomes

The University of Rochester collects scores from 80% of Total Knee Replacement patients on three PROs domains — physical function, pain interference, and depression —helping improve patient care by:

At an individual's point of care:

- Comparing a patient's preoperative scores with prospective population-level PRO data, can create a roadmap of recovery
- Help patients understand what to expect during recovery e.g., patients often want to know when they can return to work or participate in sports.

From ICHOM



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From DEPARTMENT OF LEARNING, INFORMATICS, MANAGEMENT AND ETHICS Karolinska Institutet, Stockholm, Sweden

MEASURING HEALTH CARE PERFORMANCE

VARIATIONS IN CARE PROCESS, RESOURCE USE AND OUTCOMES IN CHILDBIRTH CARE

Johan Mesterton



Stockholm 2019



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The Santeon Hospitals

Collaborating for value

• Care for outcome

From ICHOM

• Care for improvement





Source: Martini Hospital, Groningen; OLVG, Amsterdam; St. Antonius Hospital, Utrecht/Nieuwegein; Canisius Wilhelmina Hospital, Nijmegen; Medisch Spectrum Twente, Enscede; Catharina Hospital, Eindhoven; Source: Okunade O, Arora J, Haverhals A. Collaborating for value: the Santeon Hospitals in the Netherlands, June 2017 (available at www.ichom.org)

Outcomes transparency improves compliance

Example: Swedish myocardial infarction registry



From ICHOM



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Bundled Payments Are Moving Upstream

Article · February 26, 2019

John P. Andrawis, MD, MBA, Mark McClellan, MD, PhD & Kevin J. Bozic, MD, MBA

Dell Medical School, The University of Texas at Austin



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Next steps...

Pre-Commercial Procurement & Public Procurement of Innovative Solutions

- large needs to solve and limited resources to spend
- appreciate, reward and encourage innovation with the best outcome for patients and society
- improved health and well-being of patients, lowered consumption of health care and other health care related services and increased productivity

Moving forward supporting development, access and uptake

- How will patients themselves describe the outcomes associated with the innovation, from improvements in their medical condition to how it impacts their lives?
- How will you measure these outcomes?

Harvard Business School Case

Medtronic

- Therapy optimization
- Episodic care bundles
- Chronic care management
- 7-Step Value-Based Healthcare Framework[™]

Target areas

Cultural transformation

Informatics interoperability

Commissioning

Procurement

Education

