

## Edwards Benchmark best practices developed for all stages of the clinical pathway

### Pre-Procedure



- Staff commits to Edwards Benchmark best practices and provides access to TAVI program nurse or other clinician
- Heart team/multidisciplinary team meeting
- Optimized assessment pathway and screening
- Education for patients, family, and referring physicians
- Same-day admission of elective patients
- Implementation of Edwards Benchmark compatible local protocols



### Peri-Procedure

- Optimized Edwards Benchmark procedural approach (e.g. skin prep, sedation, vascular access)
- Capacity to meet Edwards Benchmark Procedural Safety Plan
- Streamlined procedure matched to patient needs

### Post-Procedure



- Implementation of Edwards Benchmark accelerated reconditioning nursing protocol
- Consistent management of new AV blocks and Intraventricular conduction delays
- Continuity of care with implanting physician or delegate through discharge
- Safe and timely discharge home

## The Edwards Benchmark Program targets meaningful clinical outcomes

<b>1%</b> 30-day Mortality <sup>2</sup>	<b>1%</b> 30-day Stroke <sup>2</sup>	<b>1.5%</b> 30-day Major Vascular Complications <sup>1</sup>
<b>6%</b> 30-day Permanent Pacemaker <sup>3</sup>	<b>4%</b> 30-day Cardiac Readmissions <sup>2</sup>	<b>80%</b> Next Day Discharge Home <sup>3</sup>

### For more information:

**Website:**  
[eu.edwardsbenchmark.com](http://eu.edwardsbenchmark.com)

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[Benchmark\\_EU@Edwards.com](mailto:Benchmark_EU@Edwards.com)

1. Lauck, S.B.; Wood, D.A.; Baumbusch, J.; et al. Vancouver Transcatheter Aortic Valve Replacement Clinical Pathway: Minimalist Approach, Standardized Care, and Discharge Criteria to Reduce Length of Stay. *Circ Cardiovasc Qual Outcomes*, 9 (2016), pp. 312-321
2. Barbanti, M; van Mourik, M.S.; Spence, M.S.; et al. Optimizing Patient Discharge Management after Transfemoral Transcatheter Aortic Valve Implantation: The Multicentre European FAST-TAVI Trial. *EuroIntervention* 2019; Jaa-528 2019
3. Wood, D.A.; Lauck, S.B.; Cairns, J.A.; et al. The Vancouver 3M (Multidisciplinary, Multimodality, But Minimalist) Clinical Pathway Facilitates Safe Next-Day Discharge Home at Low-, Medium-, and High-volume Transfemoral Transcatheter Aortic Valve Replacement Centers: the 3M TAVR Study. *J Am Coll Cardiol Intv*, 12 (2019), pp. 459-469

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## Benchmark Program

Transcatheter Valve Care Pathway



A program designed to align the multidisciplinary heart team on the minimalist TAVI approach and improve the patient clinical pathway.



Edwards

# 1

## Self assessment & action plan

# 2

## Digital platform & resources

# 3

## Expert support

The Edwards Benchmark Program is a systematic, evidence-based approach to optimizing Transcatheter Aortic Valve Implantation (TAVI).

Designed to educate the multi-disciplinary heart team and improve operations at every point of the clinical pathway, it provides guidelines for minimizing length of stay and the use of hospital resources, with no compromise to patient safety or target clinical outcomes.



### Self-Assessments

Each Heart Team member completes an individual assessment of TAVI program

- Assesses current alignment with Edwards Benchmark best practices (1 to 5 scale)
- Results will be anonymized and reviewed by Heart Team and Edwards Benchmark faculty



### Action Plan

Digital platform automatically compiles and averages results of individual self-assessment scores

- Multidisciplinary Heart Team discusses results at site activation meeting
- Team creates action plan based on identified needs
- Team can prioritize high impact changes, designate tasks, and assign due dates to individuals



### Digital Platform

Interactive, self-paced lessons educate the user on the best practices

#### Lessons Include:

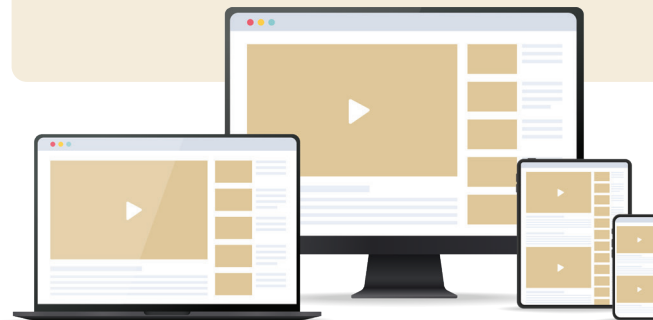
- Insights from 3M, FAST-TAVI, and pilot site experiences
- Tips to overcome objections
- Decision trees for common process

#### Six Module Categories:

1. Introduction to Benchmark
2. Best Practices Overview
3. Health Care Economics and Administration
4. Pre-Procedure Overview
5. Peri-Procedure Overview
6. Post-Procedure Overview

#### Resources Include:

- Literature Compendium
- Administrative Compendium
- Safety Checklist
- Clinical Protocols



### Symposium

#### 1.5 day training for the whole heart team

- Learn from experts
- Work as a team to identify areas of improvements
- Share experience with others



### Edwards Benchmark Faculty

Removing roadblocks through peer-to-peer education

- As a site completes its action plan, certain best practices may be more difficult to adopt
- Specialized faculty members visit sites to help teams overcome specific implementation hurdles
- Visits to a site having implemented the Edwards Benchmark best practices

