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# **MIAVR Curriculum: Supporting your team's success**

**MIAVR CURRICULUM**



**MINIMISE**

Coming together to improve MIS AVR



**Edwards**

## The value of minimally invasive surgery\* for aortic valve replacement (MIAVR)

AVR through full sternotomy has been referred to as the gold standard for aortic stenosis treatment for the past 5 decades. Although successful, full sternotomy is not always suitable for patients with some comorbidities, creating the need for alternative procedures such as MIS.

MIAVR aims to reduce trauma by maintaining chest wall continuity, and to achieve decreased post-operative pain, while maintaining the same efficacy, quality and safety of the conventional full sternotomy approach.<sup>1</sup>

### The value of MIS



#### Patients

- Improved cosmesis<sup>1,2</sup>
- Reduced post-operative pain<sup>1,3,4</sup>
- Improved patient satisfaction<sup>1</sup>
- Shorter hospital stay<sup>5</sup>
- Faster return to normal activities<sup>1</sup>



#### Surgeons

- Reduced ventilation time<sup>3,6</sup>
- Reduced post-operative blood loss<sup>3</sup>
- May reduce risk of complications<sup>3,7</sup>
- Lower mortality<sup>8</sup>



#### Hospitals

- Reduced time in ICU and/or hospital<sup>5</sup>
- Reduced cost related to complications<sup>9-11</sup>
- May increase hospital revenue<sup>12</sup>

## Your success in MIAVR: how Edwards can support you and your team

### *The Edwards MIAVR Curriculum*

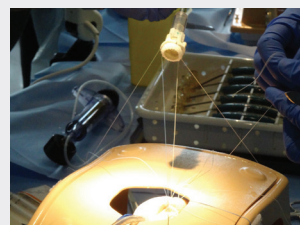
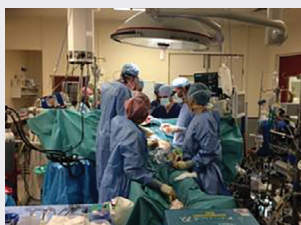
The Edwards MIAVR curriculum aims to train and provide on-going support for the full MIS team, using a step-by-step approach, designed to increase the whole team's expertise and knowledge of this technique.

The team will be guided through well-defined steps to learn how to perform AVR using a rapid-deployment valve via mini-sternotomy over a period of 3–6 months.

The curriculum involves training and guidance from renowned leaders in the field and provides on-going clinical support and online resources.

\*Upper-hemisternotomy

MIAVR Curriculum				
	Practical Session <b>Tutorship (optional)</b>	Theoretical Session <b>Mini-sternotomy fundamentals</b>	Practical Session <b>Proctorship</b>	Follow-up <b>Clinical support</b>
<b>Location</b>	Proctor centre	Nyon, Switzerland	Trainee centre	Trainee centre
<b>Duration</b>	2 cases (1 day)	2 days	2 cases over 1 day**	On demand
<b>Audience</b>	Cardiothoracic surgeons***	MIS Team	MIS Team	MIS Team
<b>Content</b>	<p>Case observation at Proctor centres</p> <p>Interactive one-on-one meeting with your Proctor.</p> <p><i>Tutorship is optional and set based on centre experience or interest</i></p>	<p>Why and how to conduct MIS, including:</p> <ul style="list-style-type: none"> <li>• Patient selection</li> <li>• Imaging techniques</li> <li>• Anaesthesia management</li> <li>• Recorded case study</li> </ul> <p>Team workshops, including a wet-lab and roundtable discussions</p>	<p>Expert coaching in MIS</p> <p>On-site support for 2-3 cases</p>	<p>Support from Edwards Clinical Specialist, when needed</p>



### The value of the Edwards MIAVR Curriculum

- The Edwards MIS curriculum assists the whole team in learning MIS for AVR via mini-sternotomy
- The curriculum is a step-by-step, tailored approach which guides your team through the learning curve
- Provide tailored on-going support from key leaders in the field, as and when you need it

*\*\*Additional cases may be requested on separate days \*\*\*Other team members may attend on request*

## Who can attend?

The Edwards MIAVR curriculum is specifically designed for the full MIS aortic team, including cardiothoracic surgeons, anaesthetists, perfusionists, cardiologists and scrub nurses, who are committed to rapid deployment aortic valve technology and have a desire to learn more about mini-sternotomy surgical techniques.

We strongly recommend the whole team attends the programme.

## How can I apply?

Participation in the MIS Curriculum is by invitation only. If you are interested in attending the training, please contact your Edwards representative.

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### References:

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