

TAVI, a transaxillary approach: from data to practice

Scientif Rationale

Severe aortic stenosis is one of the most common and serious valvular heart diseases in the elderly population, with a significant clinical impact in terms of morbidity, mortality, and quality of life. In recent years, the advancement of transcatheter aortic valve implantation (TAVI) techniques has revolutionized the therapeutic approach, offering an effective alternative to traditional surgery, even for patients at high or prohibitive surgical risk.

Traditionally performed via transfemoral access, TAVI is now exploring new frontiers through the diversification of vascular approaches, with the aim of expanding procedural eligibility to patients with complex anatomies or contraindications to conventional access routes. In this context, **transaxillary access** is emerging as a promising, safe, and reproducible option, thanks to its minimally invasive nature and the possibility of being performed under local anesthesia—resulting in reduced recovery times and perioperative complications.

This congress aims to provide a multidisciplinary, evidence-based update on the current and future role of TAVI via transaxillary access. The program will cover anatomical and technical considerations, clinical indications, patient selection criteria, as well as strategies for managing complications and ensuring long-term follow-up. The event will feature contributions from national and international experts and will include interactive sessions, real-world case presentations, live discussions, and video-based content, with the goal of equipping participants with practical tools for the implementation of this technique in daily clinical practice.

Course Director

Olivera Rasovic, MD

Target Audience

Cardiac surgeons, interventional cardiologists

Agenda

1 July 2025

16:00 Welcome & Introduction

16:20 Transaxillary access – The data

16:40 Patient selection

17:00 Room Setup

17:15 The surgical access – Share the experience

17:40 Troubleshooting and Q&A

18:00 Cases discussion

18:30 Conclusion

2 July 2025

8:30 Live cases (two patients)

12.30 Conclusion

Venue

AULSS 8 Berica

Viale Ferdinando Rodolfi, 37, 36100 Vicenza

U.O.C. di Cardiocirurgia - Sala Riunioni

7° piano, 5 Lotto