

Abstract session: What's new in the infective endocarditis surgery?

Abstract
session

Moderated by M Di Eusanio, Ancona |

Thursday 8th October | 13:00–14:30 | Room 118–119

This session focuses on the current status of diagnostics and surgical treatment for patients with infective endocarditis. The impact of new ESC guidelines on the characteristics of infective endocarditis are discussed, alongside surgical techniques and patient outcomes post-surgery.

Presentations

13:00	Impact of the 2009 European Society of Cardiology guideline change on the incidence and characteristics of infective endocarditis C Weber <i>et al.</i>
13:09	Prosthesis type does not influence the recurrence of infective endocarditis after surgery for native valve endocarditis in a propensity weighted comparison A Rubino <i>et al.</i>
13:18	Minimally invasive surgery versus sternotomy in native mitral valve endocarditis: A propensity score matched comparison J Schambach <i>et al.</i>
13:27	Hemoadsorption in high-risk patients with infective endocarditis undergoing cardiac surgery Z Haidari <i>et al.</i>
13:36	Modified UFO-procedure for extensive infective endocarditis: A single center experience A El-Sayed Ahmad <i>et al.</i>
13:45	Should we replace or repair the aortic root in severe destructive aortic valve endocarditis with paravalvular abscesses: Long term results C Gollmann-Tepeköylü <i>et al.</i>
13:54	Comparing surgical outcome of prosthetic and native valve infective endocarditis W Pyo <i>et al.</i>
14:03	Are 18F-FDG-PET/CT results reliable in patients with ascending aortic grafts? A prospective study in no infected patients D Martínez López <i>et al.</i>
14:12	Early surgery in infective endocarditis complicated by stroke: Focus on the clinical and radiological outcomes M Contino <i>et al.</i>

Key takeaways

- In 2009, the European Society of Cardiology (ESC) guidelines on the prevention, diagnosis, and treatment of infective endocarditis (IE) were updated to restrict the use of antibiotic prophylaxis
- This multicentre retrospective analysis across 6 German cardiac surgery centres reports a significant increase in the incidence of mitral valve infective endocarditis (IE) and *Streptococcus*-related IE since the guideline update
- Further prospective studies are required to determine whether the restrictions on antibiotic prophylaxis should be reviewed in this setting
- Minimally invasive mitral valve surgery (MIMVS) is associated with reduced morbidity compared with conventional surgery but evidence is lacking on the impact of MIMVS in patients with native mitral valve endocarditis
- In a propensity score-matched analysis, patients with infective endocarditis receiving MIMVS had shorter intensive care unit stays and ventilation times compared with those receiving full sternotomy
- MIMVS was also associated with a lower rate of transfused red blood cells and fresh frozen plasma units
- The increasing number of patients receiving prosthetic valves has led to an increased incidence of prosthetic valve endocarditis
- Patients undergoing surgery for prosthetic valve endocarditis had a similar risk of perioperative mortality and morbidity but a higher risk of overall mortality, valve reinfection and permanent pacemaker implantation compared with patients with native valve endocarditis

[Click here for more information on the EACTS 2020 scientific programme.](#)

You might also be interested in...

Valve-containing prosthetics increase risk of infective endocarditis

Keywords: Infective endocarditis, adult congenital heart disease, valve-containing vprosthetics [...]

March 23, 2017

Edwards, Edwards Lifesciences and the stylized E logo are trademarks or service marks of Edwards Lifesciences Corporation or its affiliates. All other trademarks are the property of their respective owners.

© 2020 Edwards Lifesciences Corporation. All rights reserved. NP--EU-0143 V1.0

Edwards Lifesciences • Route de l'Etraz 70, 1260 Nyon, Switzerland • [edwards.com](https://www.edwards.com)



Edwards