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Study (VASGRA): All Or Part Of The Infected Graft May Be

Preserved: Under What Circumstances





Disclosure

Nothing to disclose to this talk



VGEI diagnosis is challenging and there is no one gold standard

- Non specific FitzGerald criteria (2005)
 - Abdominal and Peripheral VGEI
- Modified Duke criteria to thoracic VGEIs of composite grafts (2000)
- Thoracic aorta, infective endocarditis
- MAGIC CRITERIA (2016)
- Aorta
- ESVS Guidelines (2020) "suggest" use of MAGIC criteria for VGEI
 - Abdominal and Thoracic Aorta, and peripheral

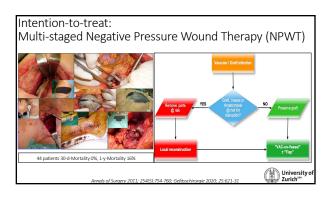
FitzGerald et al. Journal of Antimicrobial Chemotherapy 2005; 56, 996–99: Li et al. Clin infect Dis. 2000; 30: 633-638 Lyons et al. Eur J Vasc Endovasc Surg 2016;52(6):758-763

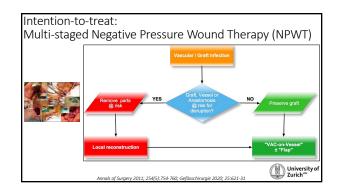


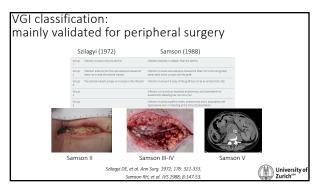
VGEI diagnosis is challenging and there is no one gold standard • Non specific FitzGerald criteria (2005) • Abdominal and Peripheral VGEI - clinical /imaging/MB investigation - pathogen isolation misleading - graft removal not always possible - duration AB TX? - multidisciplinary team to optimize TX

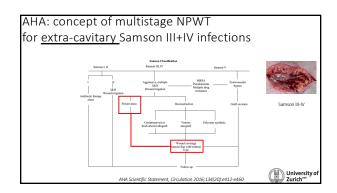


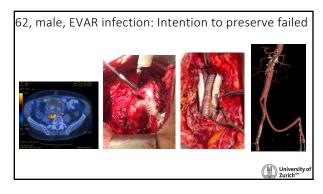


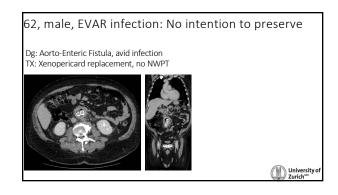


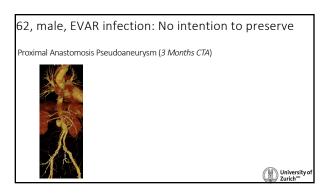


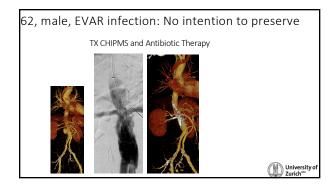


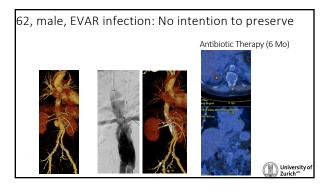


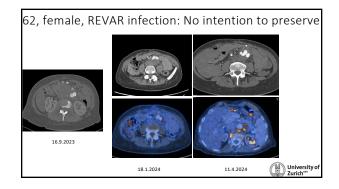


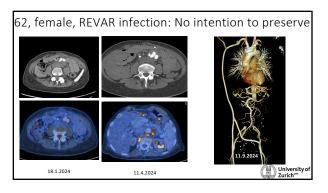




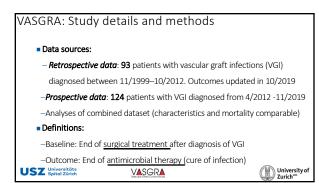


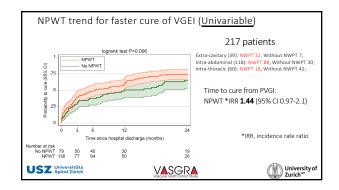


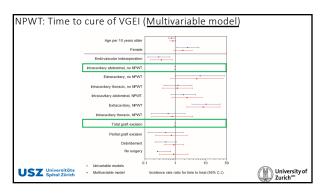


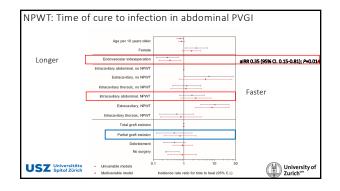


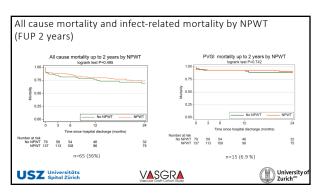


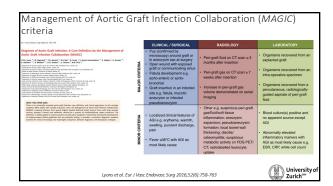


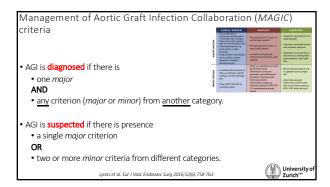


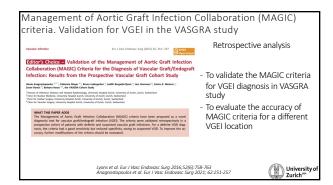


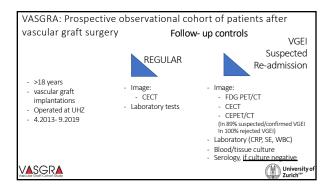


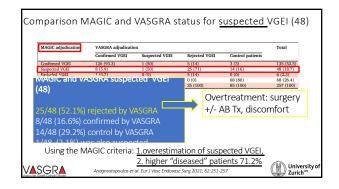


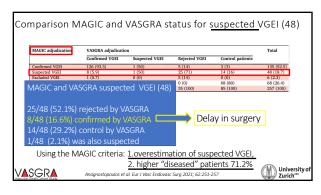












Conclusion

- 1. Partial graft excision and debridement show longer time to cure, but similar to complete graft excision.
- 2. If the NWPT is in use there is trend to faster cure.
- 3. Current MAGIC criteria were in line with VASGRA cohort in 93% offer *good sensitivity and specificity* in the context of <u>true</u> VGEI.
- 4. The current MAGIC criteria offer *reduced specificity* for a <u>suspected</u> VGEI.





Support For The Graft Preservation Concept For Treating Prosthetic Aortic Graft Infections From A European Multicenter Study (VASGRA): All Or Part Of The Infected Graft May Be Preserved: Under What Circumstances

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