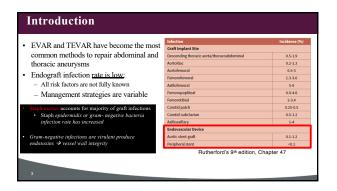
Infected endografts: Etiology, Diagnosis, Treatment Options and Outcomes

> Mohammad H. Eslami MD MPH MBA Chief, Division of Vascular and Endovascular Surgery Co-Director, Vascular Center of Excellence Professor Surgery, WVU School of Medicine

Charleston Area Medical Center, Charleston, WV

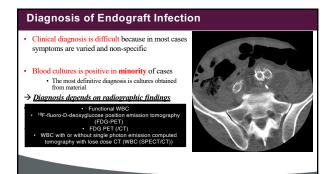
Disclosures

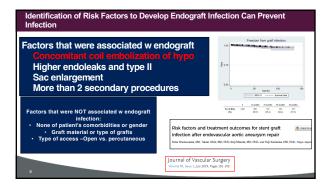
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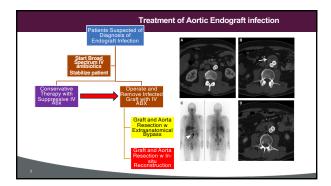


Temporal Classification of Graft Infection

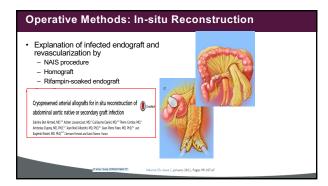
- <u>Early graft infection</u> is related to infection of the prosthetic graft at perioperative period (0-4 months)
 - Synchronous infection
 - Hospital acquired bacteremia
 - Sepsis, fever, advanced wound infection
 - Treatment of aortoenteric fistula
- <u>Late infections</u> are due to graft colonization by low virulent bacteria

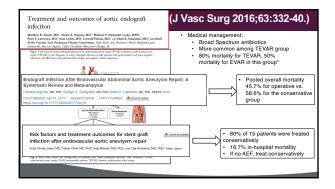


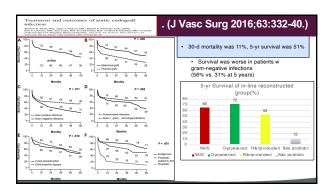


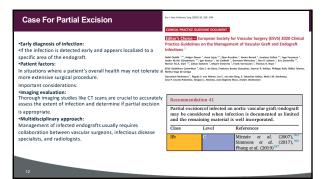


Operative Methods: Extra-anatomic Bypass and Explanation • Extra-anatomic bypass -Ax-bifem bypass graft -Explanation of infected endograft and aortic debridement









Conclusions

- 1. Rate of endograft infection is low but leads to very high mortality rates
 - Best to avoid endografts with synchronous infection
 Endograft for AEF
- 2. Radiographic Diagnosis WBC scintigraphy or FDG PET scan if CTA is equivocal
- 3. Operative vs. Medical management: If patient can tolerate it, it is best to remove the infected endograft
 - 1. All AEF should be treated operatively
- 2. If gram negative cultures, treatment should be extra-anatomic bypass and excision

