PMEGs and OTS devices are both options for urgent/emergent treatment of ruptured complex AAA

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- TAMBE FDA approved 2024
- "One-size-fits-most" designs

PREDICTABLE RENAL-MESENTERIC ANATOMY











PMEGs

- Urgent/emergent presentation
- Rapid expansion, very large aneurysms
- Unsuitable for off-the-shelf devices Anatomic constraints
 - Not meeting clinical trial criteria
- No access to manufactured grafts





CONCERNS WITH PMEGs

- Quality control
- Measurement accuracy
- Breach in sterility
- Integrity issues
- Cost & reimbursement • Regulatory issues (PS-IDE)
- Team efficiency (1-2 hours)
 Long-term durability?









PRINCIPLES FOR URGENT PMEGS

- Do what you and your team are familiar with urgency/emergency not the best time to do it 'first'
- 2. Appropriate patient selection is fundamental fit the stent to the patient!
- You are as good as your team
- Communication is absolute key
- Simultaneous modification/access/pre-cannulation saves time
- Keep it simple
- 7. It is OK to compromise for complex anatomy
 8. Planning is not the time to rush...
- ...but move fast on the easy standard steps
- 10. Postoperative care is the same as for open RAAA don't relax!

CONCLUSION

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- OTS devices are preferred when available
- Anatomic feasibility limits its application • In cases of complex AAA, supraceliac
- coverage might be excessive
- PMEGs require significant physician/team training for planning, modification and implantation
- Team expertise is critical for both modalities of treatment



