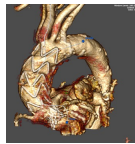


**Endovascular Graft Repair Of Ascending Aortic Dissections Including Endo-Bentall Procedures And Physician Modified Double Fenestrated Endografts (PMEGs) With Captiva From Medtronic: When Is It Possible And Results**

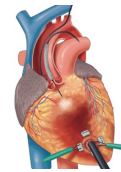
Pr L Canaud  
Pr T Gandet

Montpellier, France

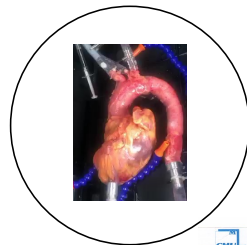
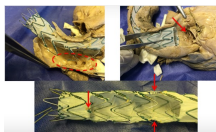


**TEVAR for the ascending aorta: transapical approach**

- Accurate deployment
- Pericardial effusion



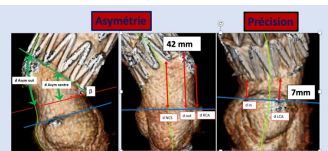
**TEVAR for the ascending aorta: transapical approach**



**TEVAR for the ascending aorta: transapical approach**

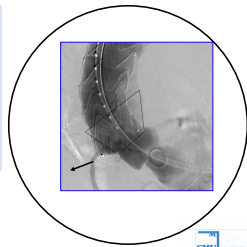


**TEVAR for the ascending aorta: aortic root issues  
Springback effect**

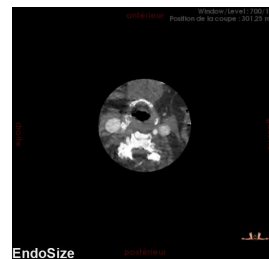


Gandet T et al. Evaluation of the proximal stent graft placement after endovascular repair for type A aortic dissection. JVEI 2016

- Unaccurate deployment
- Proximal SINE

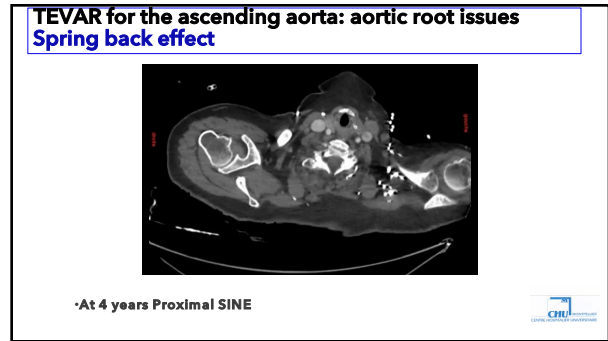
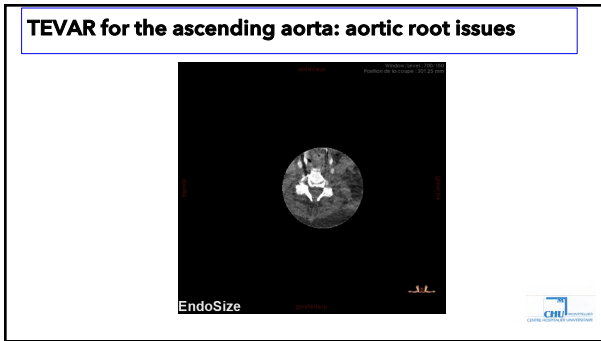


**TEVAR for the ascending aorta: aortic root issues  
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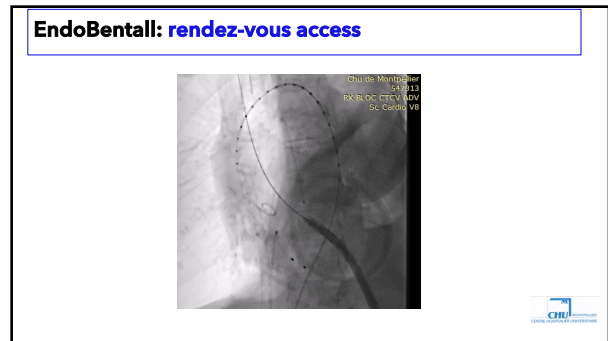
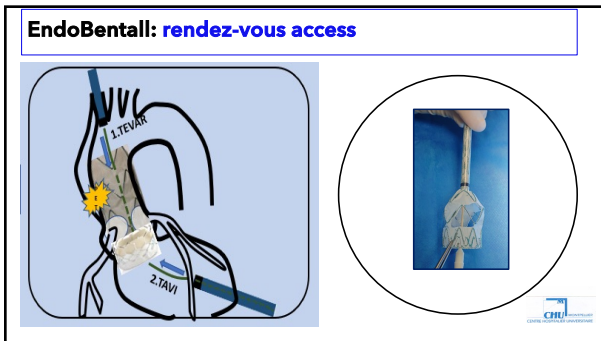
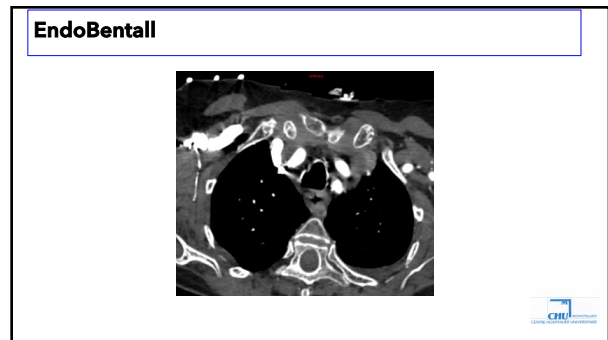


EndoSize







**Necessity to treat the aortic root:  
EndoBentall**



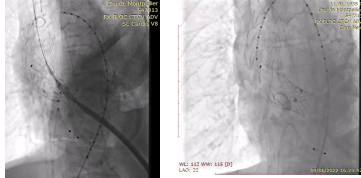
**EndoBentall: rendez-vous access**




- ECMO support
- Rapid pacing



**EndoBentall: rendez-vous access**





- ECMO support
- Rapid pacing



**EndoBentall: rendez-vous access**


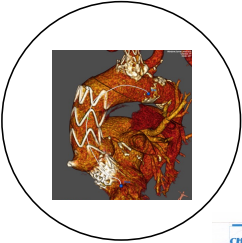


**EndoBentall: rendez-vous access**


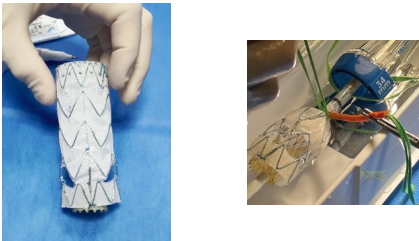


**EndoBentall: rendez-vous access**

- Massive aortic regurgitation
- Hemodynamic support / ECMO
- Apical access
- two- operators technique


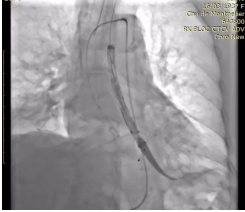


**EndoBentall: single-module**





**EndoBentall: single-module**

- ❑ No Massive aortic regurgitation
- ❑ No Hemodynamic support needed
- ❑ Carotid access


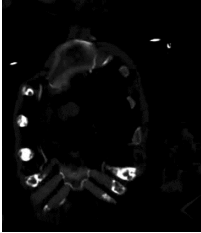



**EndoBentall: single-module**


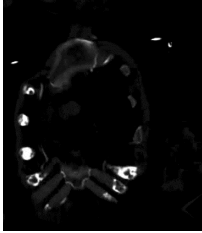
- ❑ No Massive aortic regurgitation
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- ❑ Carotid access



**EndoBentall: single-module**



**EndoBentall: single-module**



**Conclusion**

- ❖ Modular approach: TEVAR + TAVI
- ❖ Stent graft modifications
- ❖ Advantages of the Single-device
- ❖ Sealing of the root with large fenestration
- ❖ Limited number of cases

