Endo-Bentall : la solution pour 2025 ?

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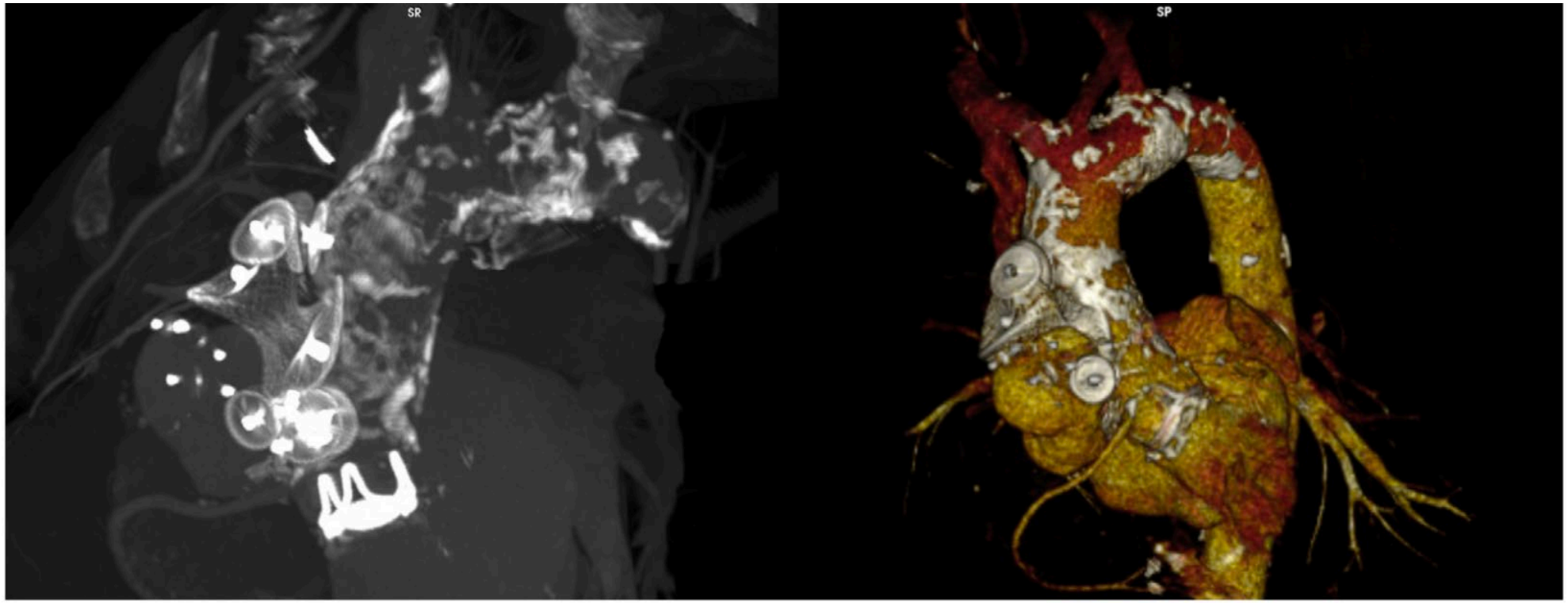
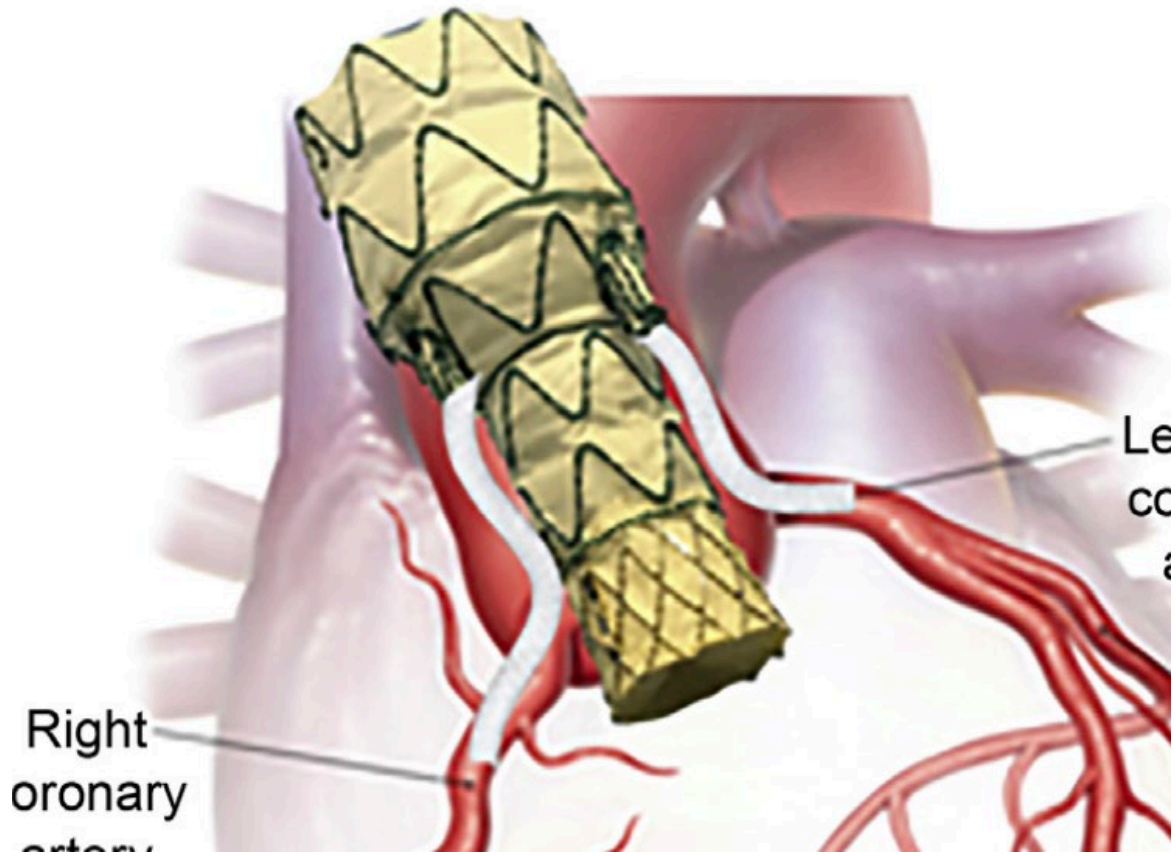
Endo-Bentall : la solution pour 2025 ?

- Un TAVI (Balloon ou Self expanding)
- Une endoprothèse (TEVAR)
- Fenêtrée ou branchée pour les coronaires

Endo-Bentall : la solution pour quelle pathologie ?



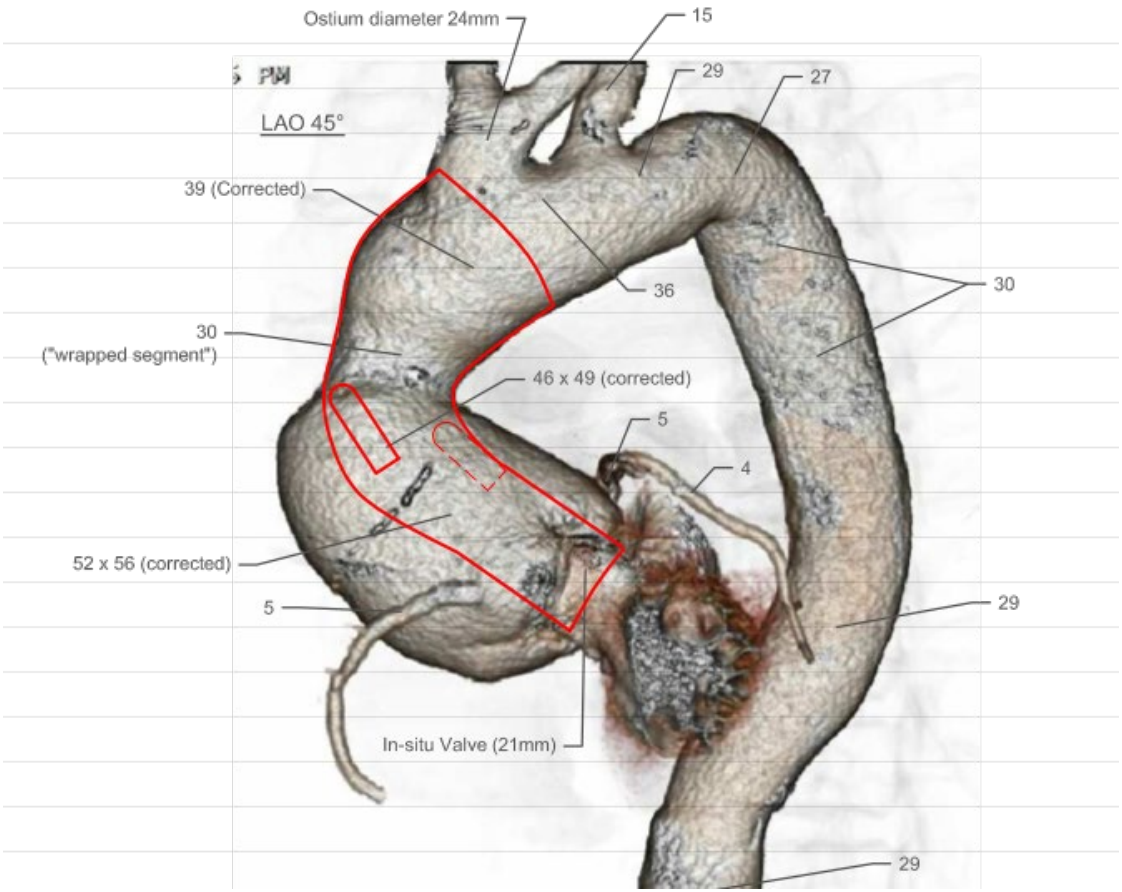


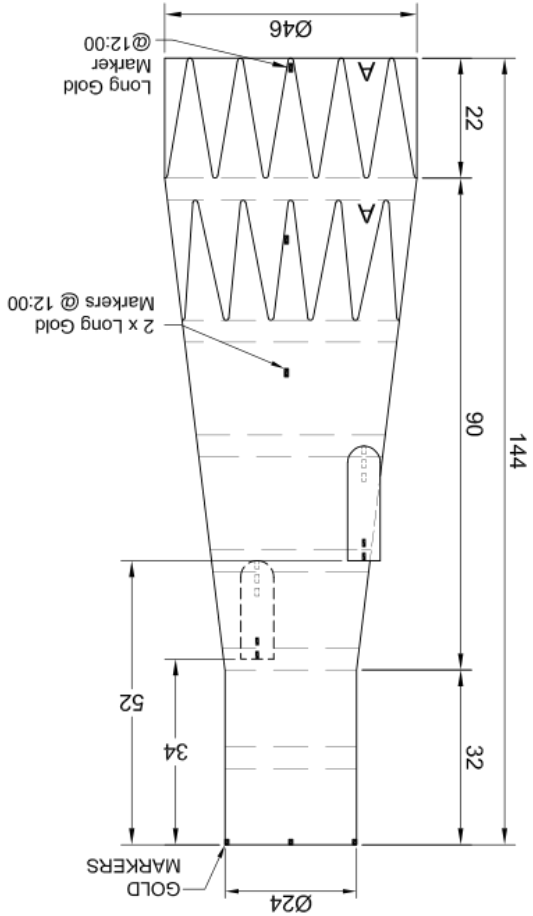
First-in-Human Endo-Bentall Procedure for Simultaneous Treatment of the Ascending Aorta and Aortic Valve

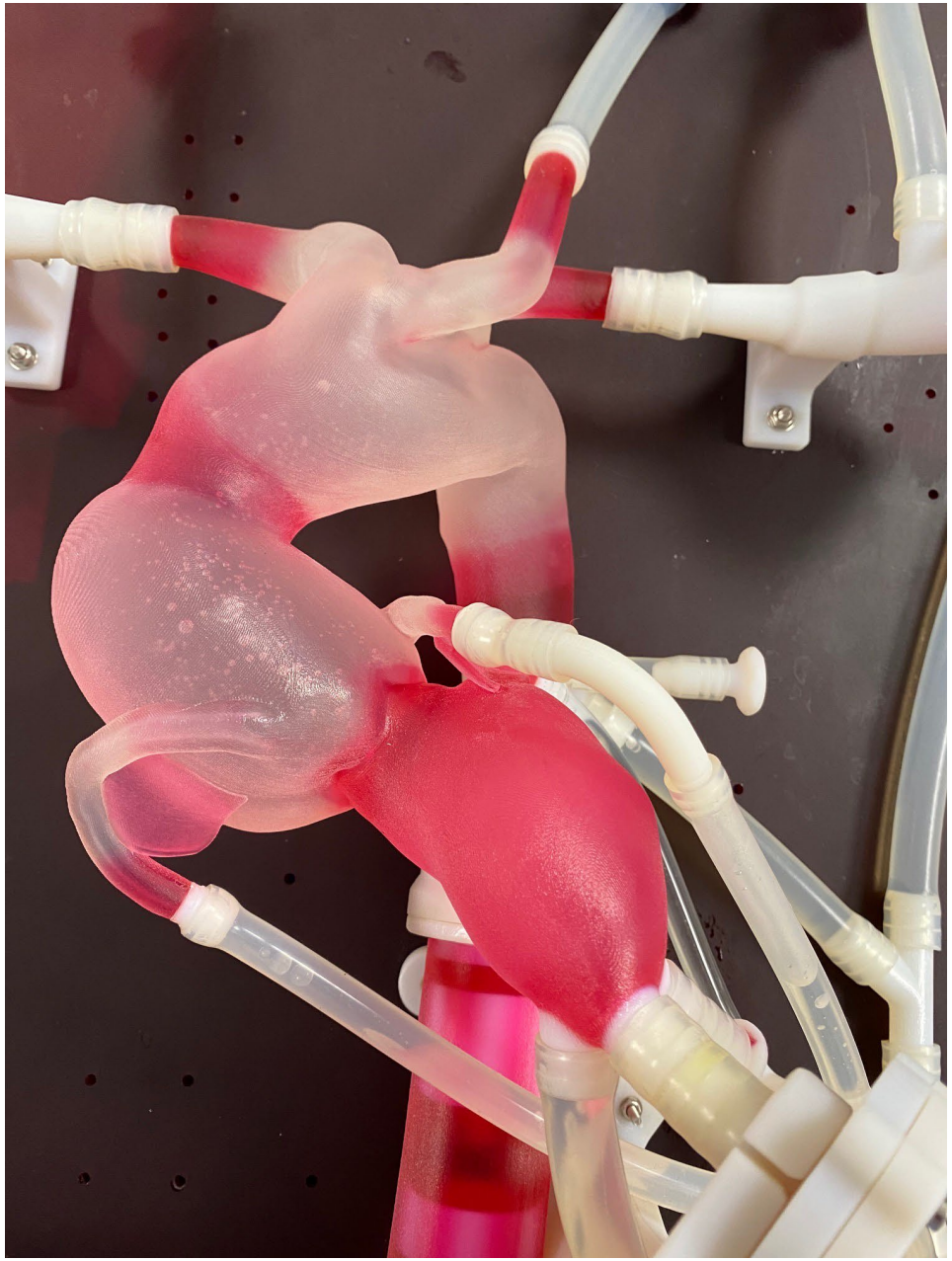
Diego Felipe Gaia, MD, PhD,[a] Oscar Bernal, MD,[b] Edilberto Castilho, MD,[a] Carolina Baeta Neves Duarte Ferreira, MD,[a] Danny Dvir, MD,[c] Matheus Simonato, MD,[a] José Honório Palma, MD, PhD[a]

Endo-Bentall la solution pour quelle pathologie ?
Anevrysme Aorte ascendante

- Notre experience : 1er patient







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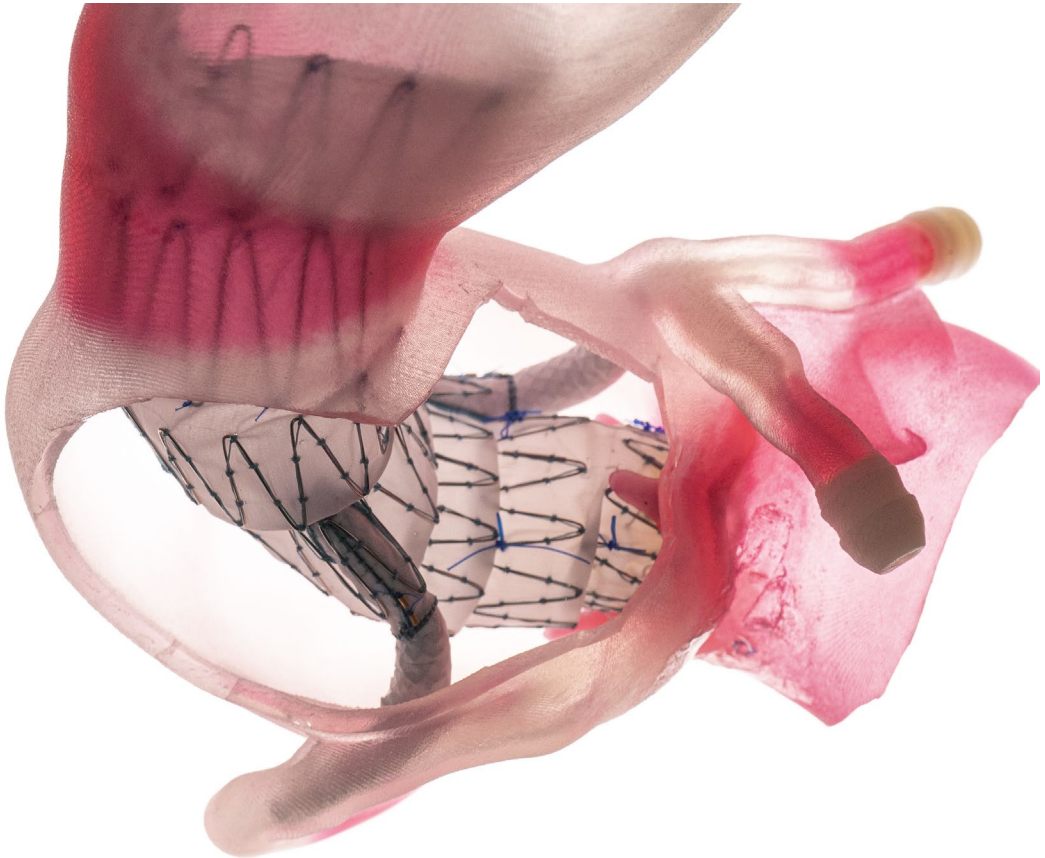
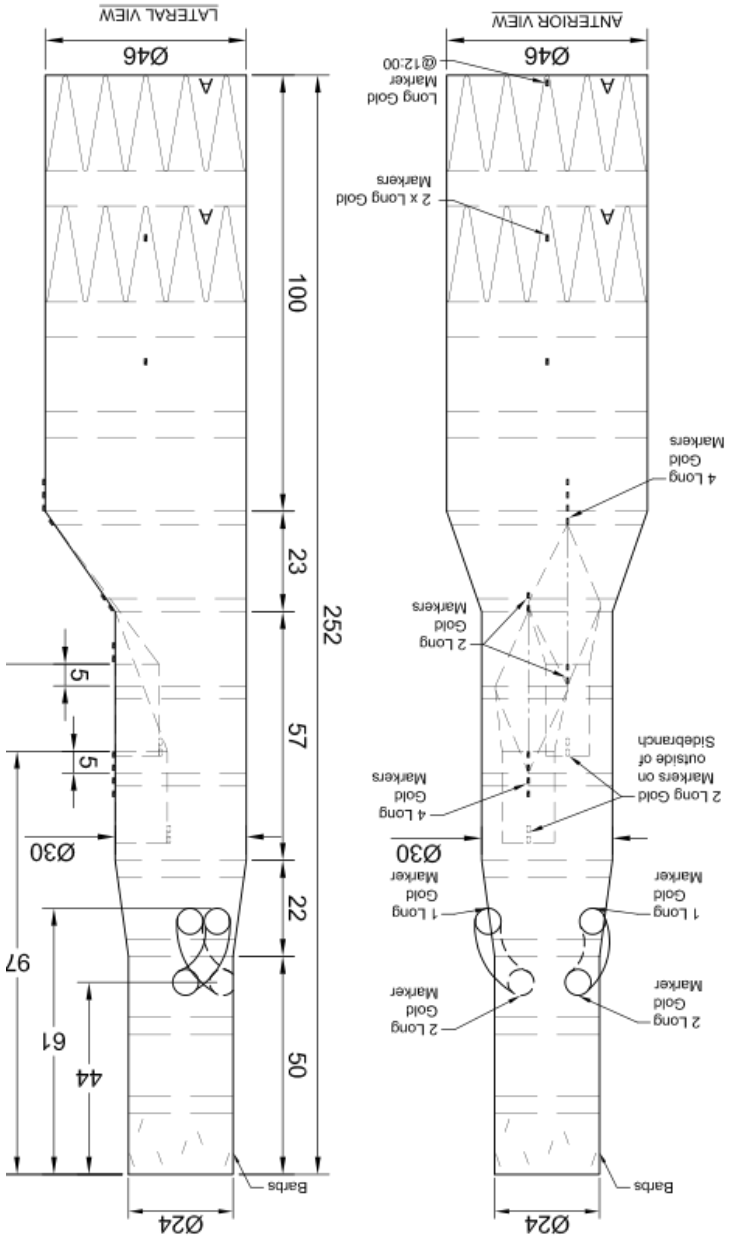
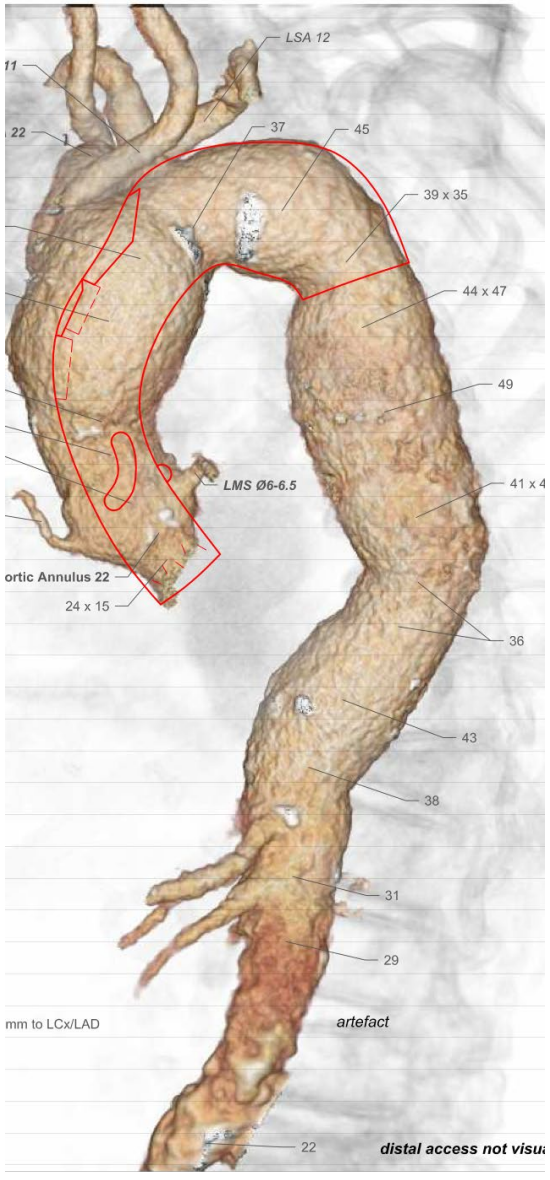
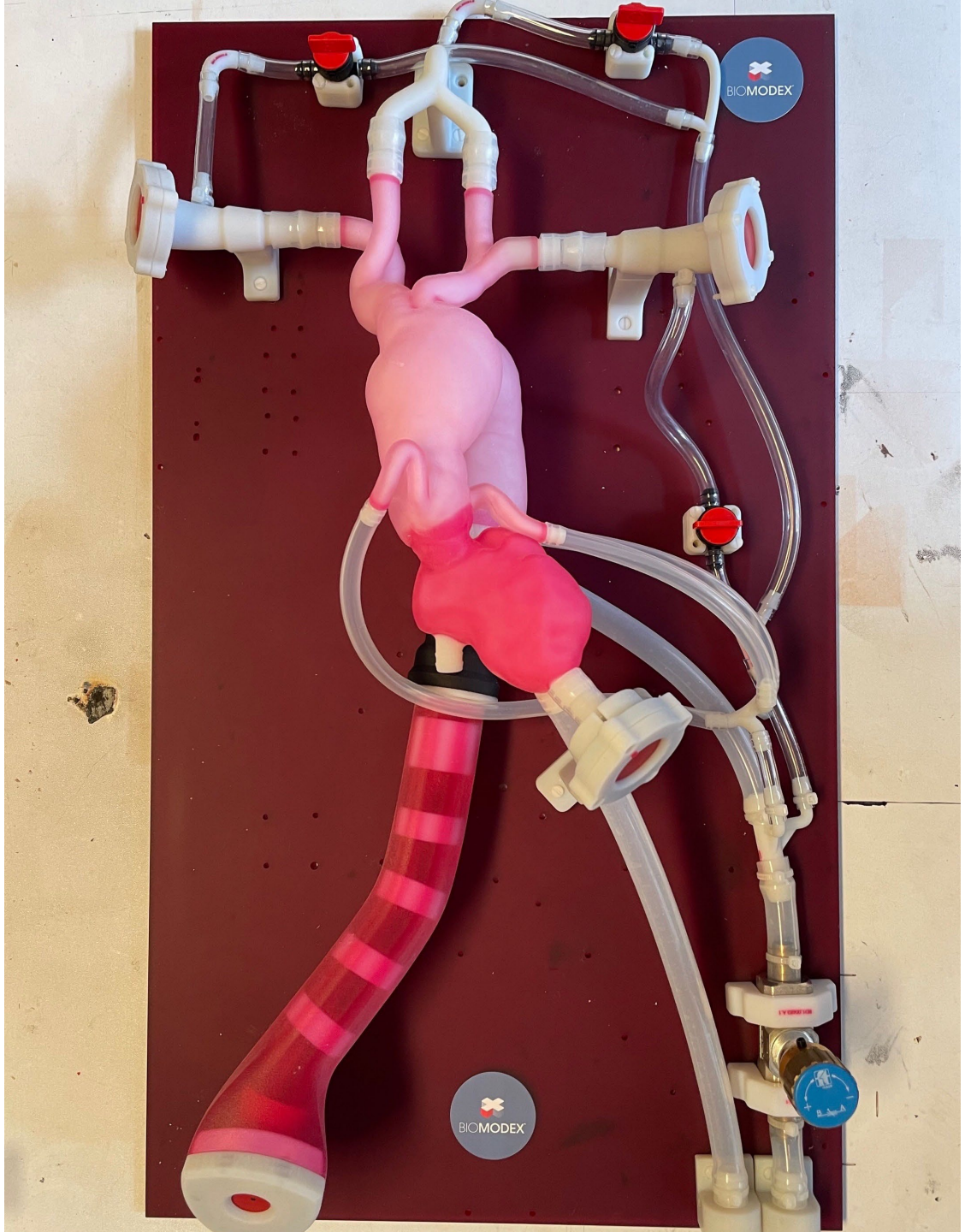


Patient 2





Pr A Million
CHU Lyon



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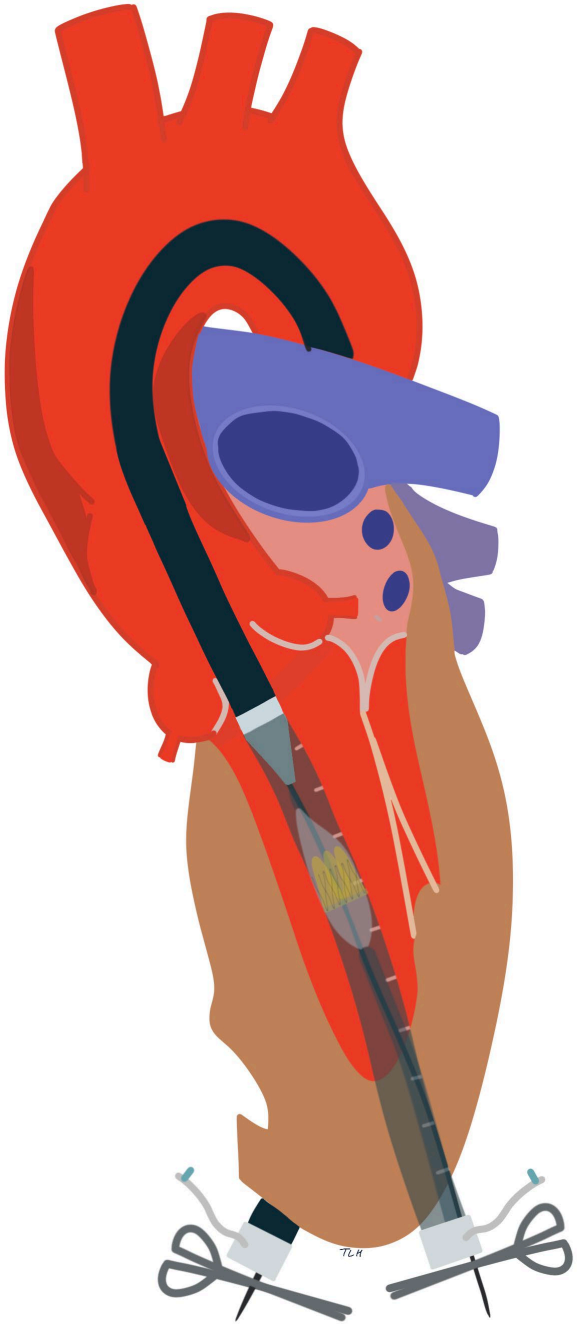
TLH

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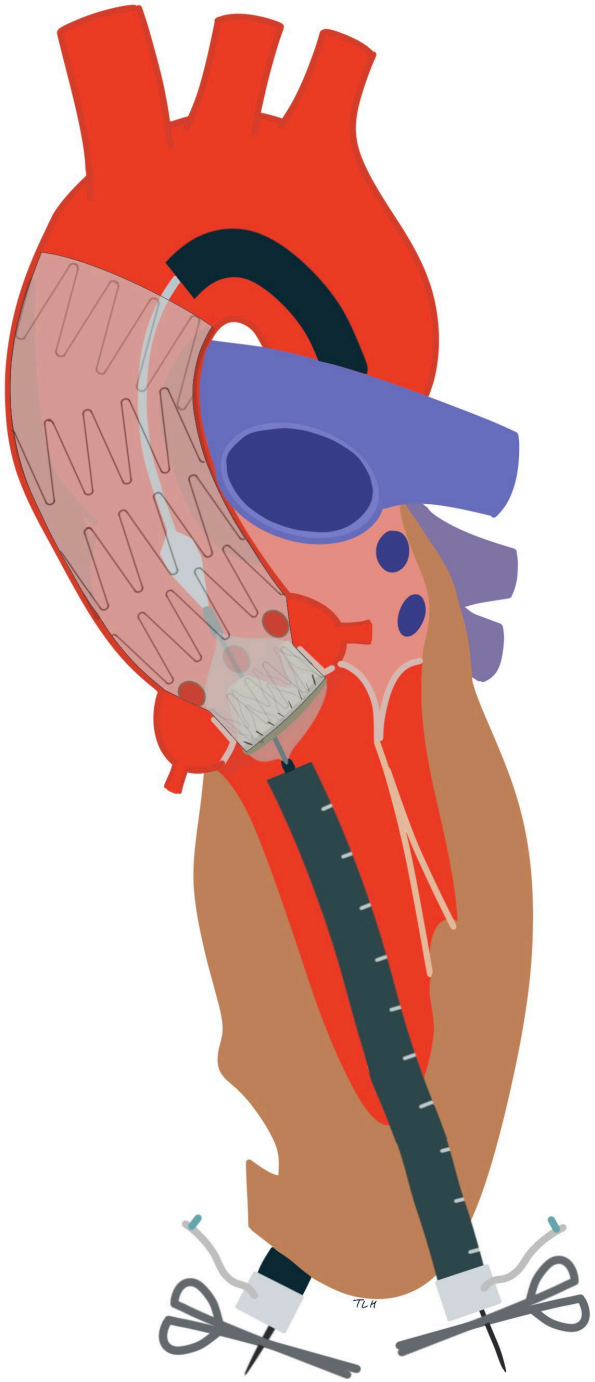
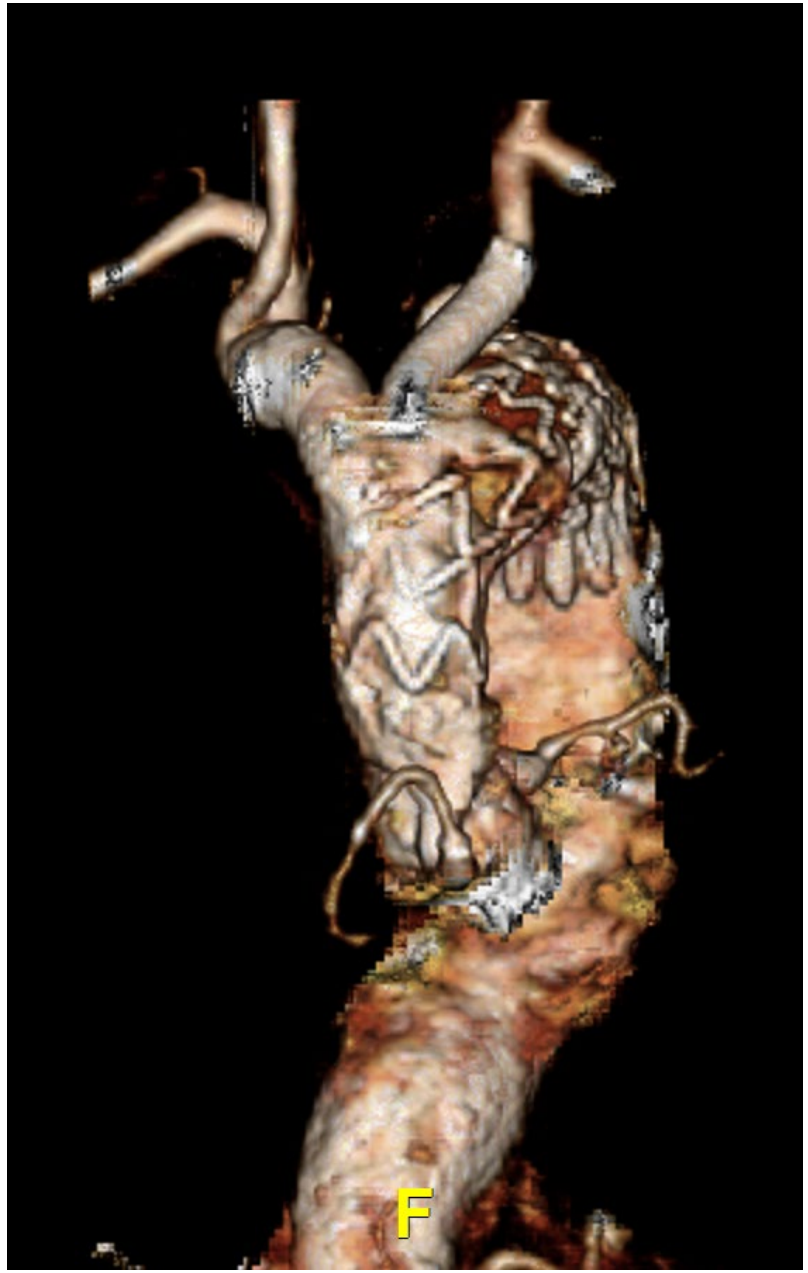

TLH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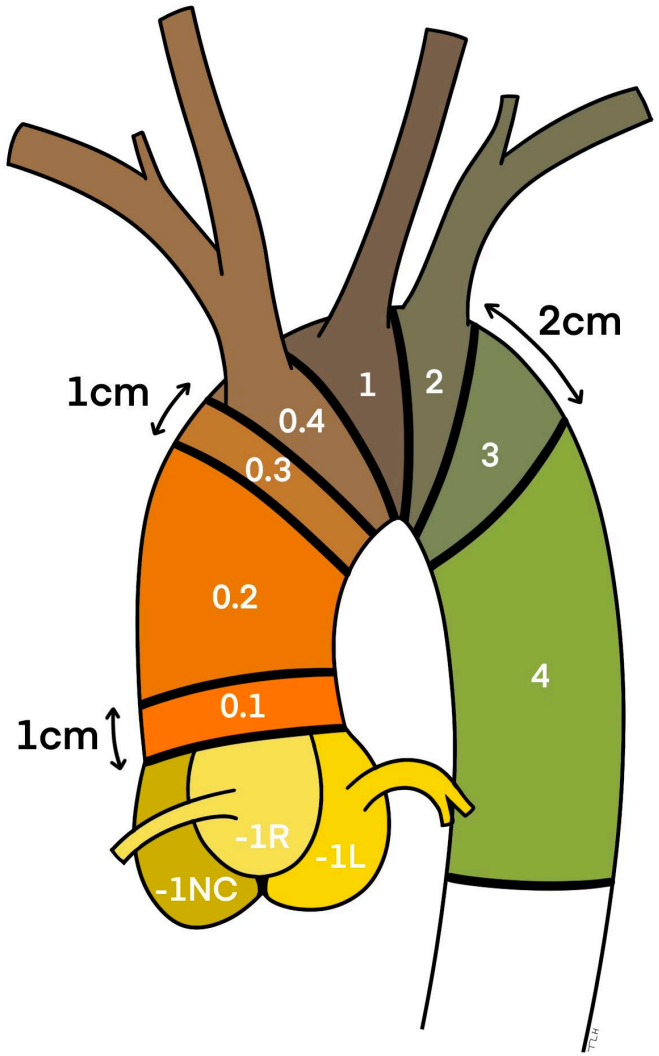
Minimal Invasive Repair?

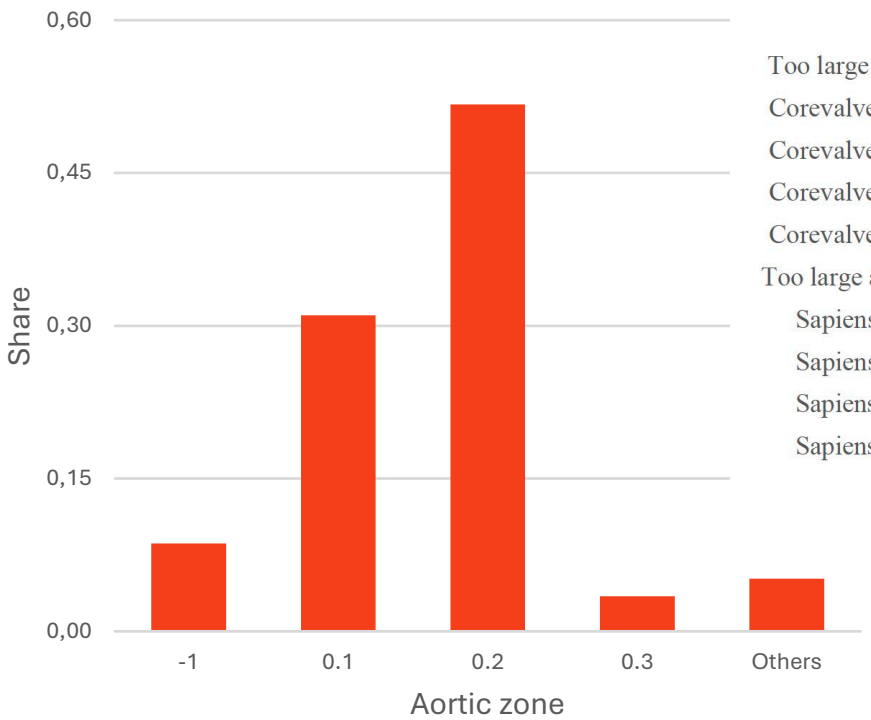
- ECMO A&V fémorale + introducteur fémoral 24Fr = clampage aortique infra renal
- Low flow lié au saignement important du VG puis acidose majeure & augmentation des lactate : TransApical abandonné pour le TAVR
- EndoBentall en pause, nouveau système de largage avec TAVR vont être testé sur des modèles 3D en Octobre

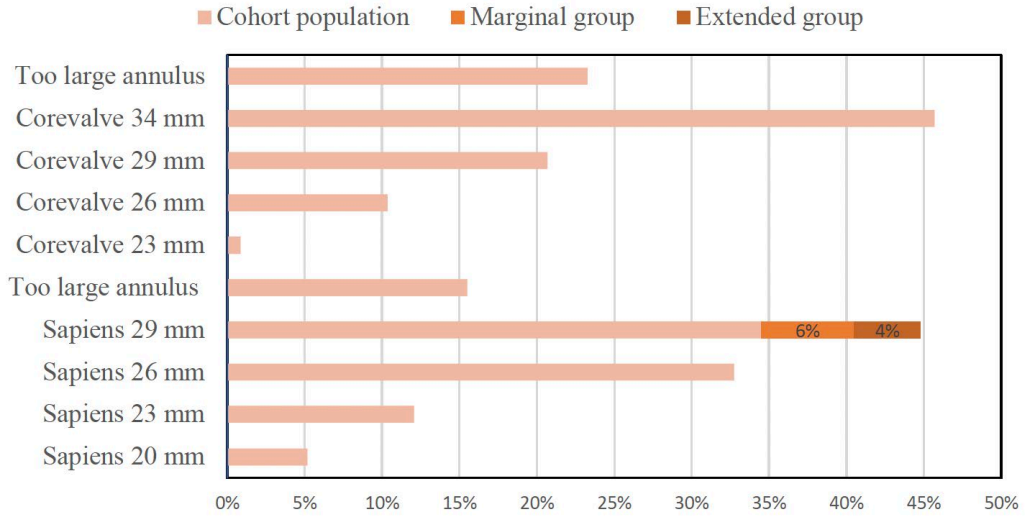
Endo-Bentall la solution pour quelle pathologie ?
Dissection aortique de type A



Anatomical feasibility of Endobentall strategies for management of acute type A aortic dissection

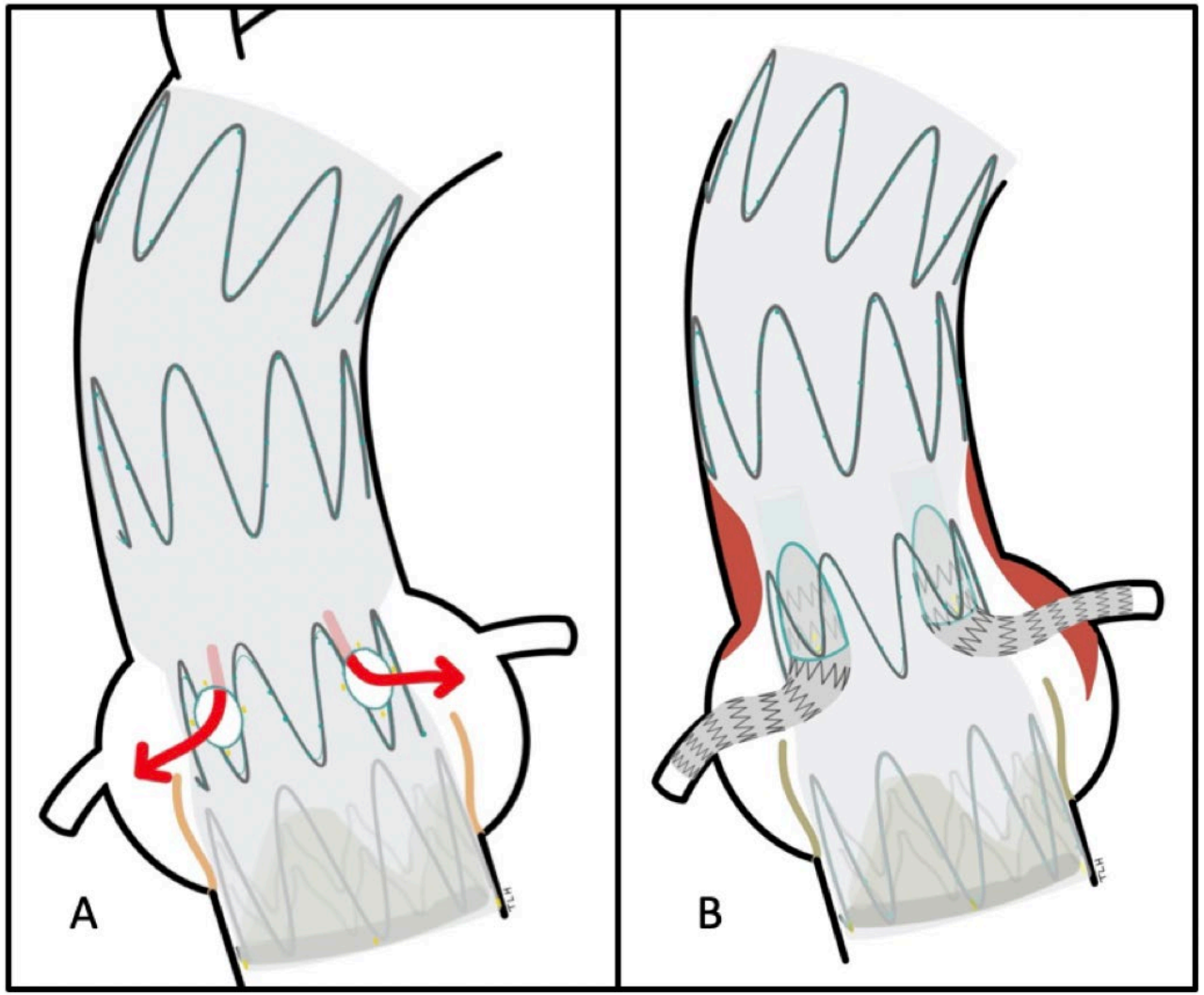
A.Vallée et al - Retrospective study in 3 aortic French centers (Marie Lannelongue, Lille, Nantes)





Endo-Bentall la solution pour quelle pathologie ?
Dissection aortique de type A

Fenestrated
Endobentall
49.3%



Branched
Endobentall
24.2%

Endo-Bentall : la solution pour 2025 ?

First-in-Human Endovascular Aortic Root Repair (Endo-Bentall) for Acute Type A Dissection

Mehrdad Ghoreishi, MD, Diljon Chahal, MD, Aakash Shah, MD, Jeanwan Kang, MD, Jeffrey Hirsch, MD, Douglas Tran, MD, Dana McCloskey, MD, ... SHOW ALL ..., and Shahab Toursavadkohi, MD | AUTHOR INFO & AFFILIATIONS

AATS Aortic symposium, NY 2024

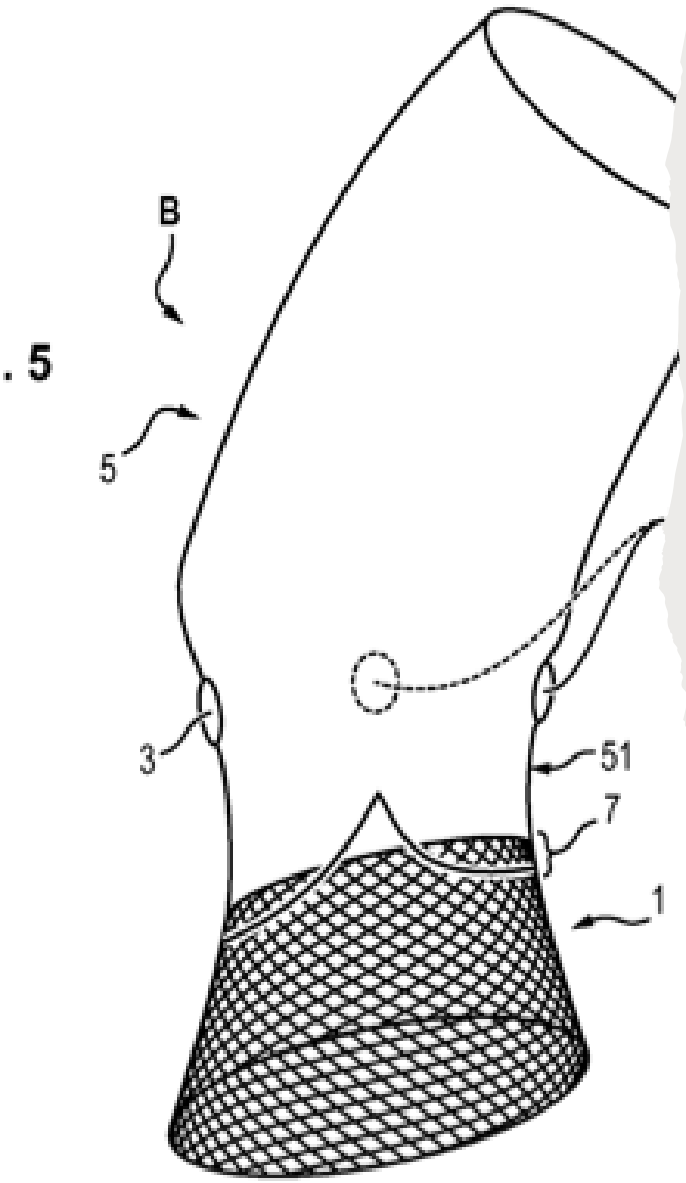
ENDO-BENTALL REPAIR: EARLY RESULTS AND FEASIBILITY OF A PHYSICIAN CONSTRUCTED ENDO-BENTALL DEVICE

Presented by:
Mehrdad Ghoreishi , Abstract Presenter , *University of Maryland*

Modular Endo-Bentall Procedure Using a "Rendez-Vous Access"

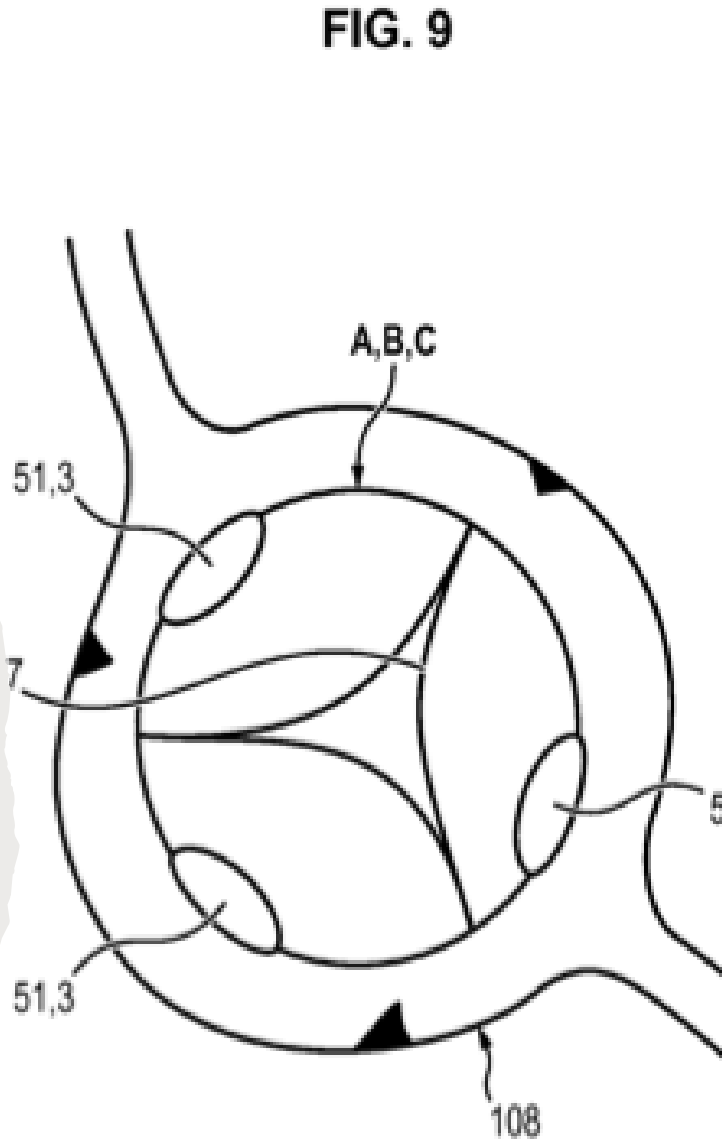
Thomas Gandet, MD, PhD, Dirk Westermann, MD, PhD, [...], and Tilo Kölbel, MD, PhD +4 View all authors and affiliations

Volume 29, Issue 5 | https://doi.org/10.1177/15266028211065959



Endo-Bentall : la solution pour 2025 ?

Oui mais,

Encore des limites

Développer une prothèse dediée