



VEITHsymposium™ 2024
November 20, 2024

**TAAA Repairs For Aneurysms
From Dissections & Degenerative Disease
Are Best Treated By Combining
Open And Endo Techniques:
Technical Tips**

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Vascular Surgery
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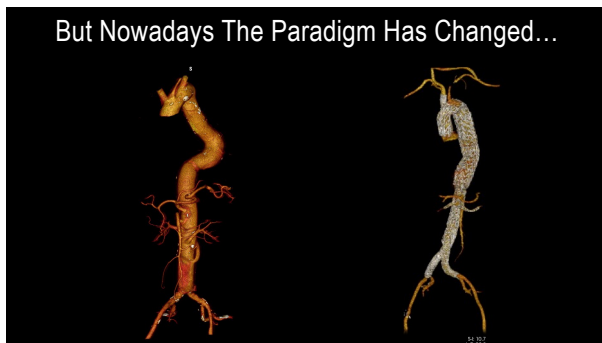
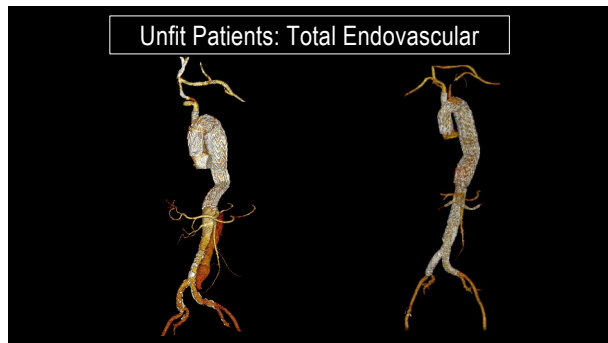
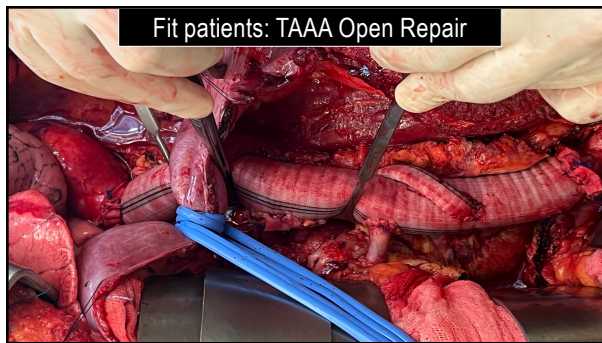
Disclosures


I have the following potential conflicts of interest to report:

- Institutional research grant from Dr. Frantz Köhler Chemie GmbH
- Lecturer at symposia hosted by Cook, Inc., Bolton Medical, Jotec® s.r.l., Medtronic, Inc., W.L. Gore and Associates, Maquet Getinge Group & Dr. Frantz Köhler Chemie GmbH
- Consultant for Medtronic, Inc., Terumo Aortic & W.L. Gore and Associates
- Off-label discussion of the "in-vivo" use of crystalloids
- Off-label discussion of thoracic endovascular devices

NO
 Receipt of honoraria
 Participation in a company sponsored speakers' bureau
 Employment in industry
 Shareholder in a healthcare company
 Owner of a healthcare company

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"Hybrid Thinking"

Open
Surgery

Hybrid
Repair

Endo
Surgery

**Synchronous Or Staged Planned Surgical Maneuver*
To Prepare Or To Complete A TEVAR**

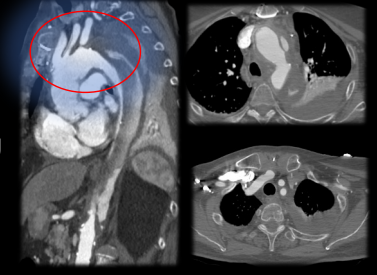
Excluding maneuvers for access related issues*

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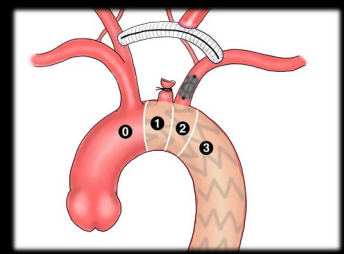
Aortic Debranching

Arch Debranching - Case #1

Female 73 yrs
Ruptured TBAD
6 Days After Ascending
Aortic Replacement
for TAAD





Arch Debranching - Case #1




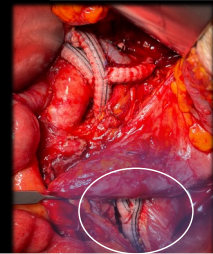
Preop. CT Angiography Post-Op CT Angiography

Visceral Debranching - Case #2

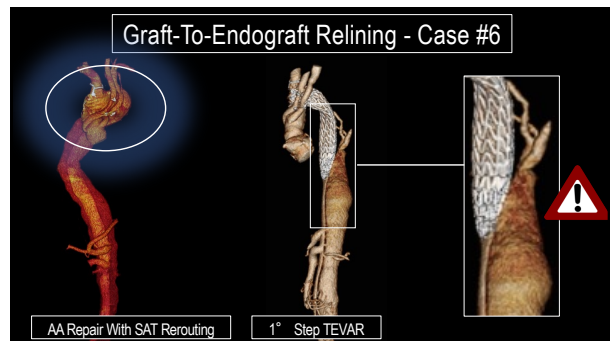
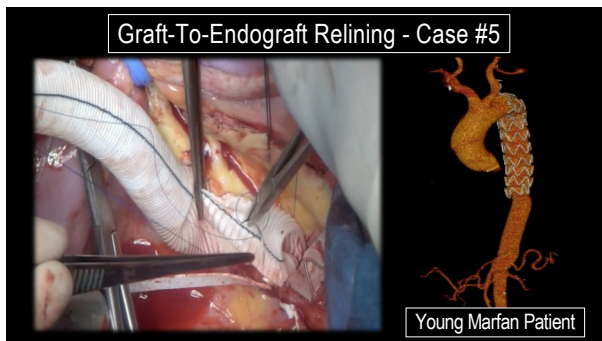
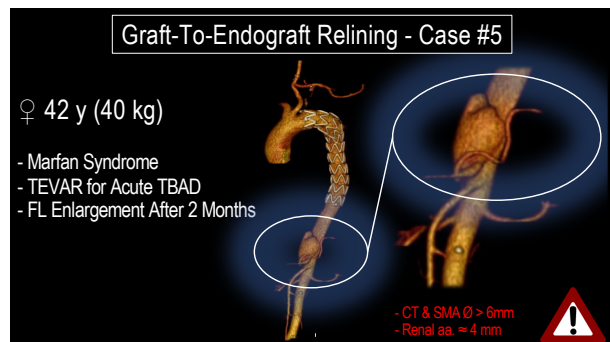
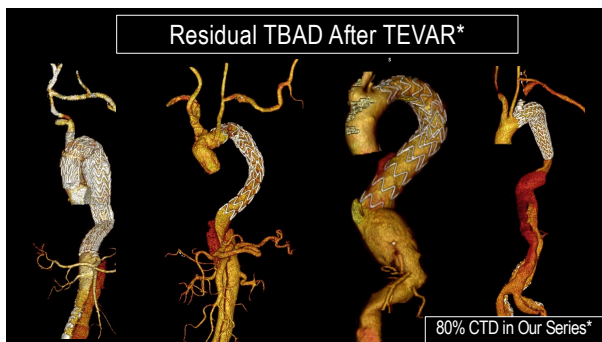
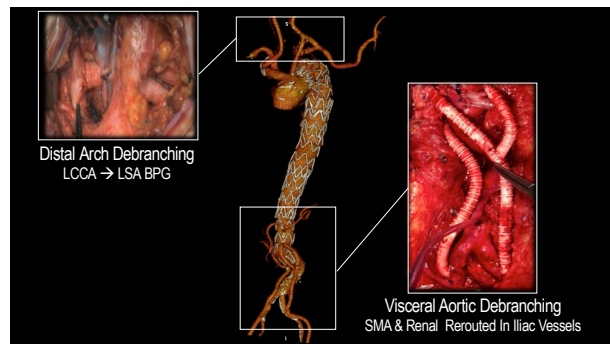
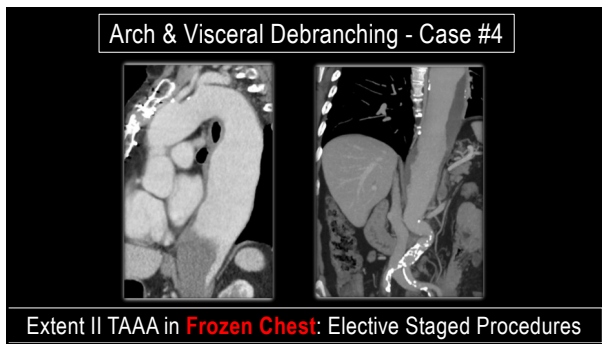


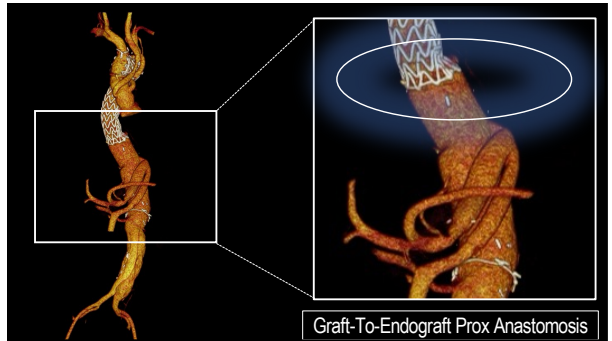
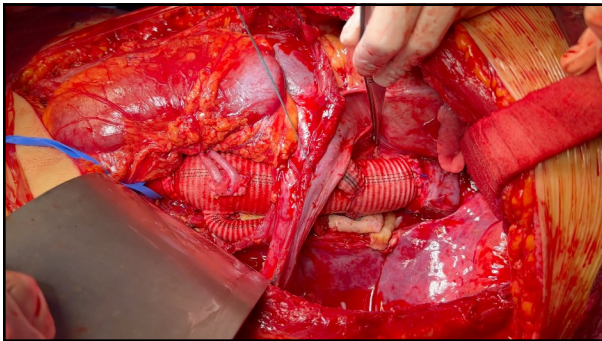
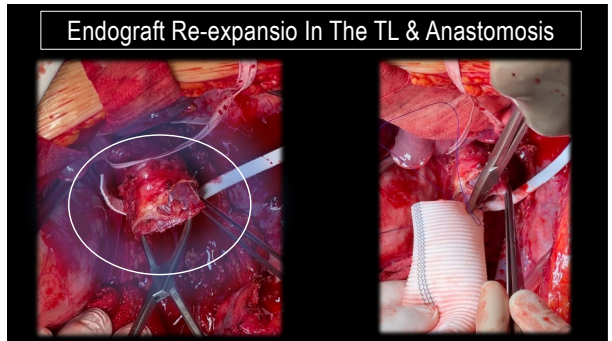
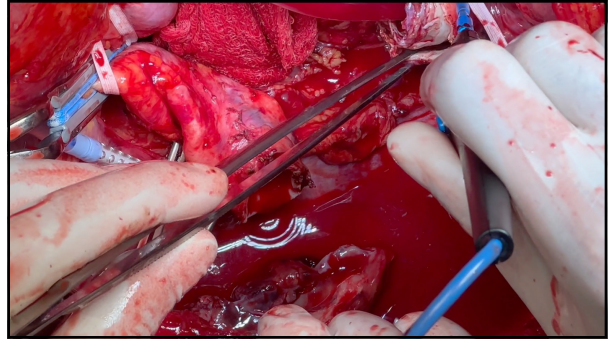
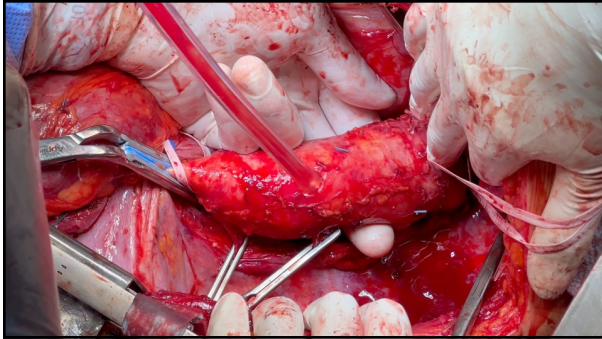
Ruptured Perivisceral PAU Emergency Hybrid Repair

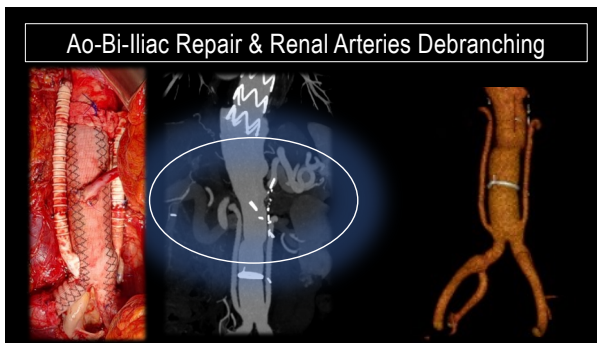
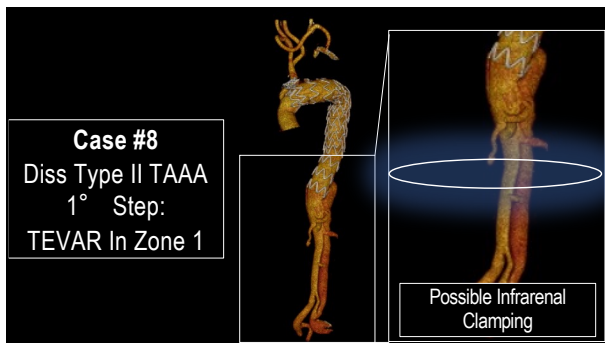
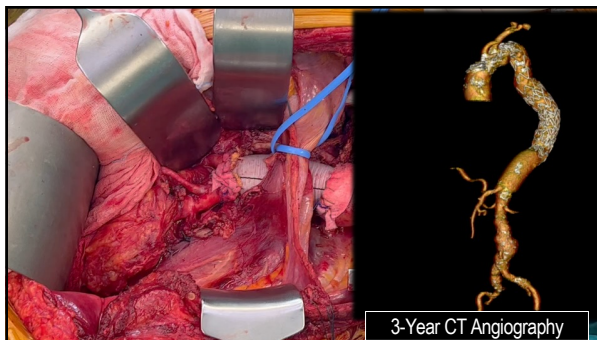
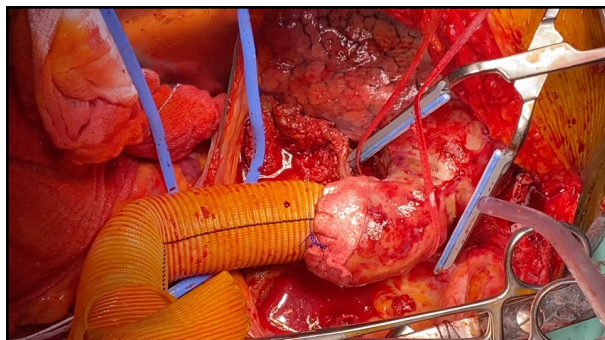
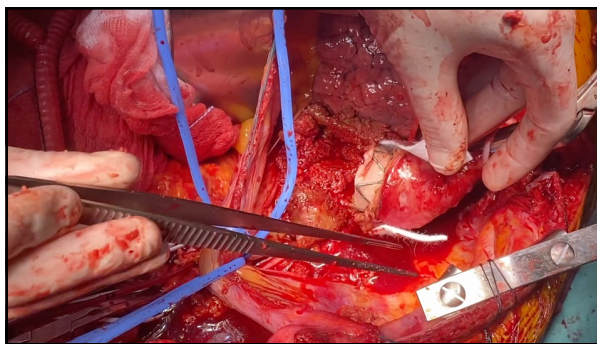
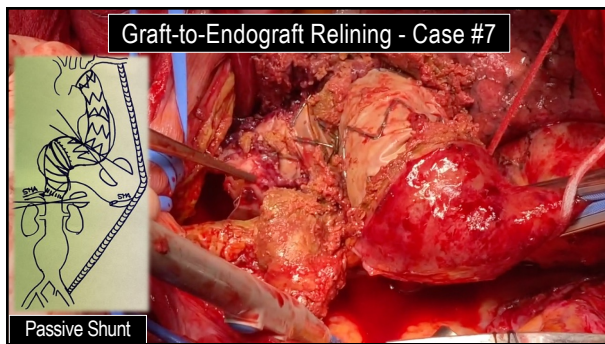
Visceral Debranching - Case #3

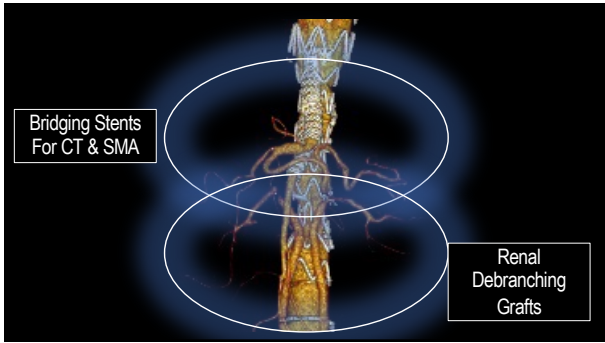
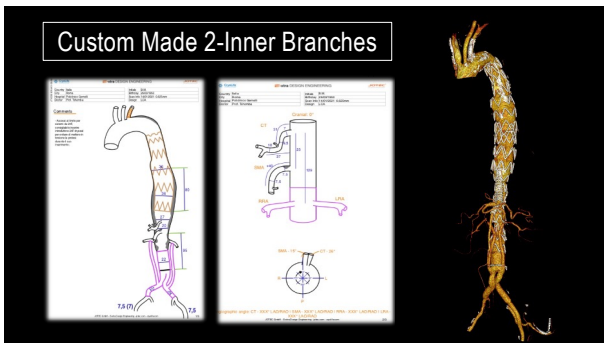
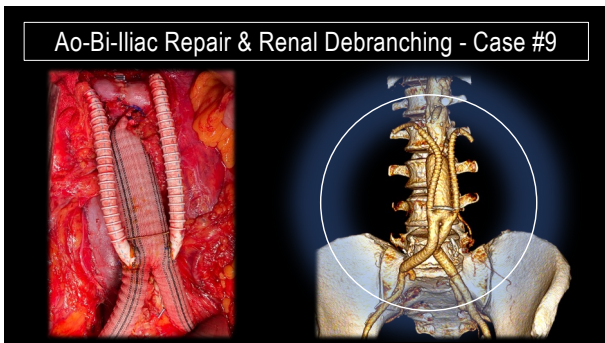
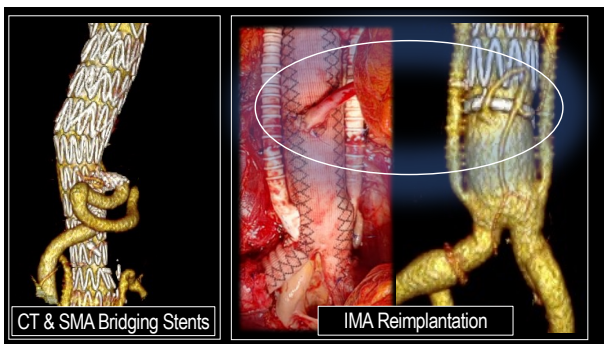
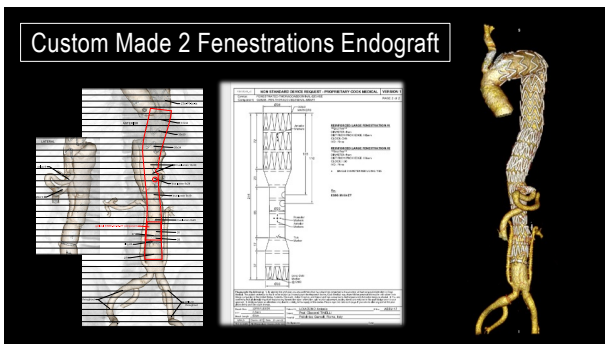


Ejection Fraction 28% 2-Year CT Angiography









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Our Experience 2018-2024

78 Hybrid Interventions For TAAA

- 30-day Mortality: 6.4%
- Spinal Cord Ischemia: 5.1%
- AKI III: 10.2%*
- Cardiac Complications: 3.8%
- Respiratory Complications: 15.3%


Never Hemodialysis/CVVHF Required*

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Conclusions: TAAA Hybrid Repair

- Emergency
- Intermediate Risk Patients?
- Excellent Short & Longterm Results
 - ✓ Standardisation
 - ✓ Larger Series
 - ✓ Longer Follow Up



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Thank You!



Aortic Gemelli Team | **CHIRURGIA VASCOLARE** | **Vascular Team**

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To Be Continued...

Hybrid TAAA Repair International Registry HYBERN REGISTRY

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Conclusions: TAAA Hybrid Repair

- Best Option in Selected Patients?
 - ✓ Ideal Staging Strategy?
 - ✓ Ideal / Dedicated Materials?
 - ✓ Role Of Spinal Cord Ischemic Preconditioning?
 - ✓ Anatomical Inclusion Criteria?



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