CONTROVERSES ET ACTUALITÉS EN CHIRURGIE VASCULAIRE

CONTROVERSIES & UPDATES IN VASCULAR SURGERY

JANUARY 25-27 2018

MARRIOTT RIVE GAUCHE & CONFERENCE CENTER

PARIS, FRANCE WWW.CACVS.ORG

Endoprothèse thoracique avec système ***ACTIVE CONTROL :***

Comment ça marche et quels bénéfices?

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Disclosure

Speaker name:

Jean Picquet

☑ I have the following potential conflicts of interest to report:

☐ Consulting

☐ Employment in industry

☐ Shareholder in a healthcare company

☐ Owner of a healthcare company

☑ Other(s): **Principal Investigator** / W.L. Gore

☐ I do not have any potential conflict of interest

Conformable GORE® TAG® Thoracic Stent Graft

GORE TAG® CONFORMABLE THORACIC STENT GRAFT

- Most Studied TEVAR Device
  - Ten clinical studies
  - Global Registry for Endovascular Aortic Treatment (GREAT)
  - Twenty years of clinical experience
  - **Designed for multiple etiologies with proven results**

A Legacy of Firsts

1998
First thoracic stent graft to receive CE Mark in Europe

2005
First thoracic stent graft approved in the U.S.

2008
First thoracic stent graft approved in Japan

2009
Next-generation thoracic stent graft receives CE Mark*

2011
Approved by FDA for treatment of aneurysms*

2012
First thoracic stent graft approved in the U.S. for isolated lesions including traumatic transections*

2013
First stent graft approved in the U.S. for acute and chronic Type B Dissections*

2016
First thoracic stent graft to reach 100,000 devices distributed

2017
First thoracic stent graft to feature a new delivery system that offers controlled, staged deployment

Gore® C-TAG® Outcomes

GORE TAG®
CONFORMABLE
THORACIC STENT GRAFT

Proven Long-Term Outcomes Across All Etiologies

Aneurysm

89% FREEDOM from device-related reintervention
through 5-year follow-up in Aneurysm of the Descending Thoracic Aorta clinical study (TAG 08-03)

97% FREEDOM from device-related reintervention
through 2-year follow-up in GREAT

Traumatic Transection

100% FREEDOM from device-related reintervention
through 5-year follow-up in Traumatic Transection clinical study (TAG 08-02)

98% FREEDOM from device-related reintervention
through 2-year follow-up in GREAT

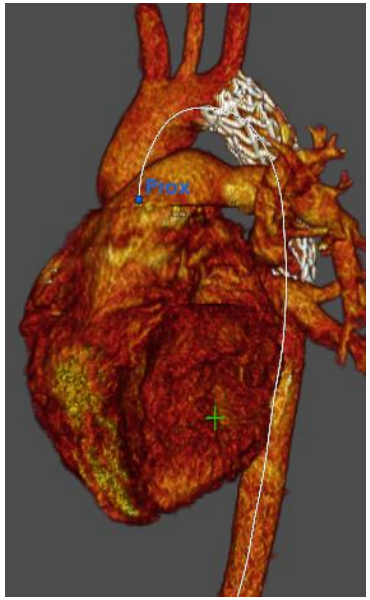
Type B Dissection

90% dissection-related survival
through 1-year follow-up in Acute Complicated Type B Dissection clinical study (TAG 08-01)

97% acute dissection-related survival
through 1-year follow-up in GREAT

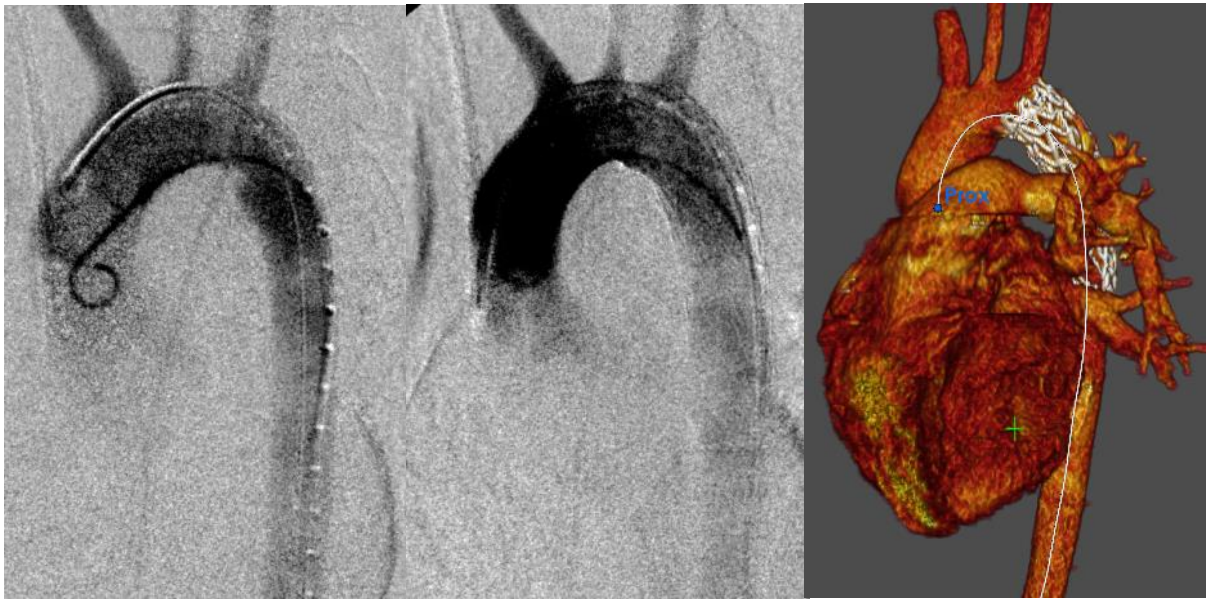
Conformability

- The *Gore® C-TAG®* perfectly **conforms** to the anatomy ***by design***
  - From the simplest case to the most challenging anatomies



What do we need more?

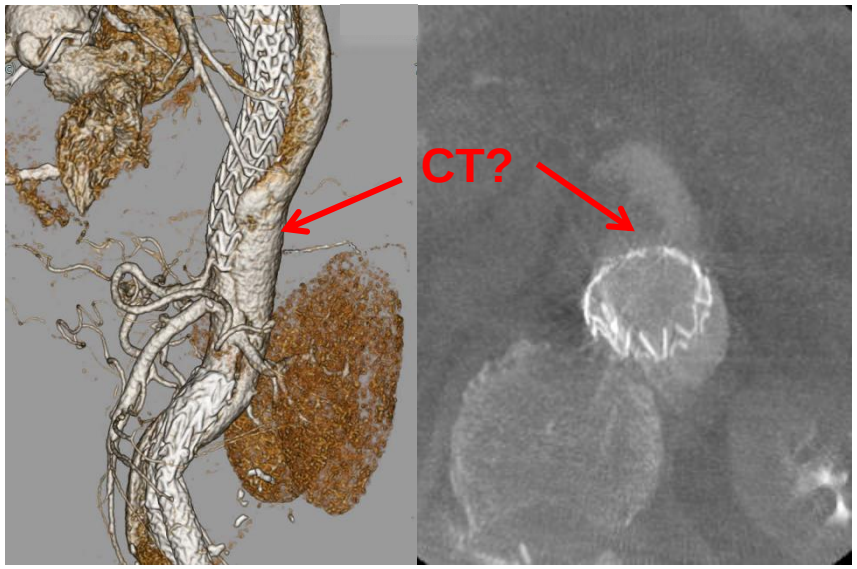
- **Control** during the deployment to achieve **predictability** and **accuracy of placement**



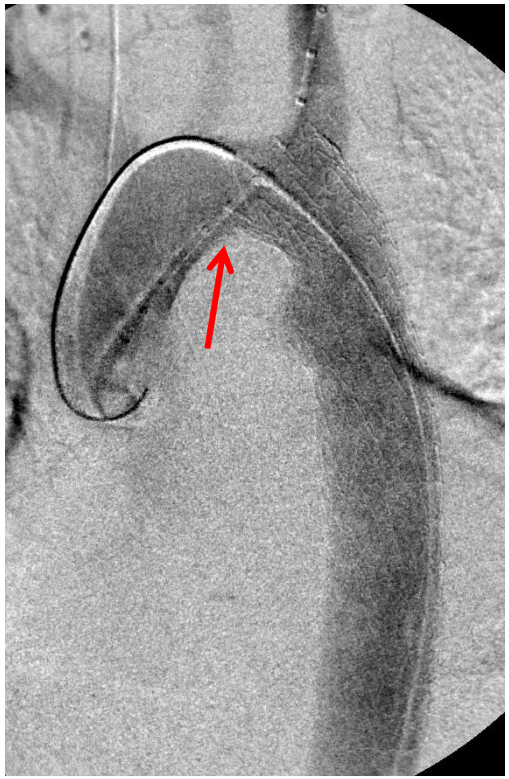
Deployment with lack of accuracy

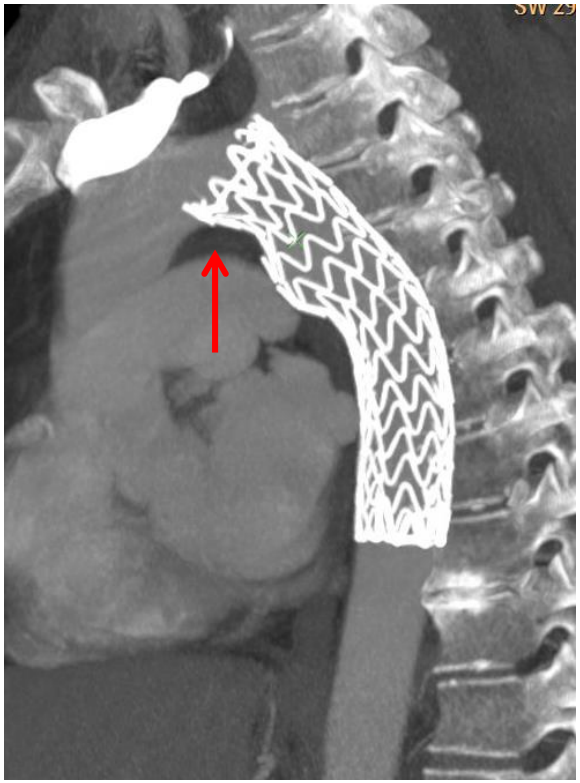
Proximal

Distal



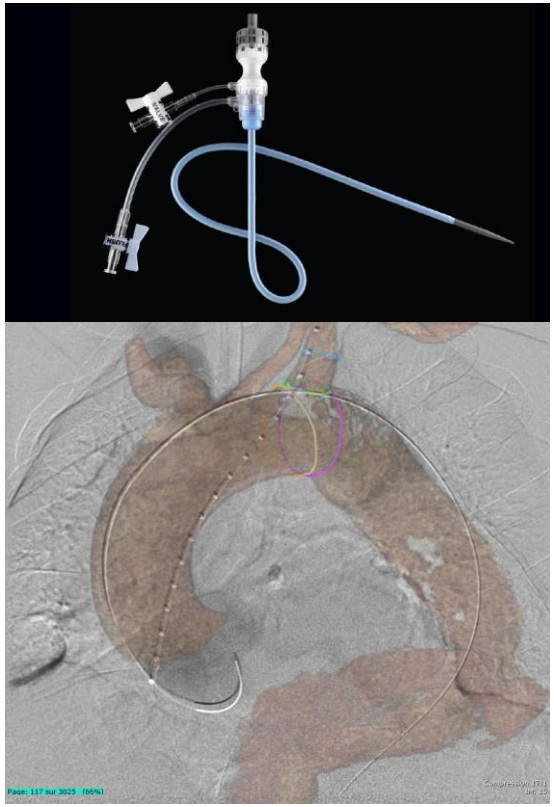
Even better proximal conformability to avoid bird beak

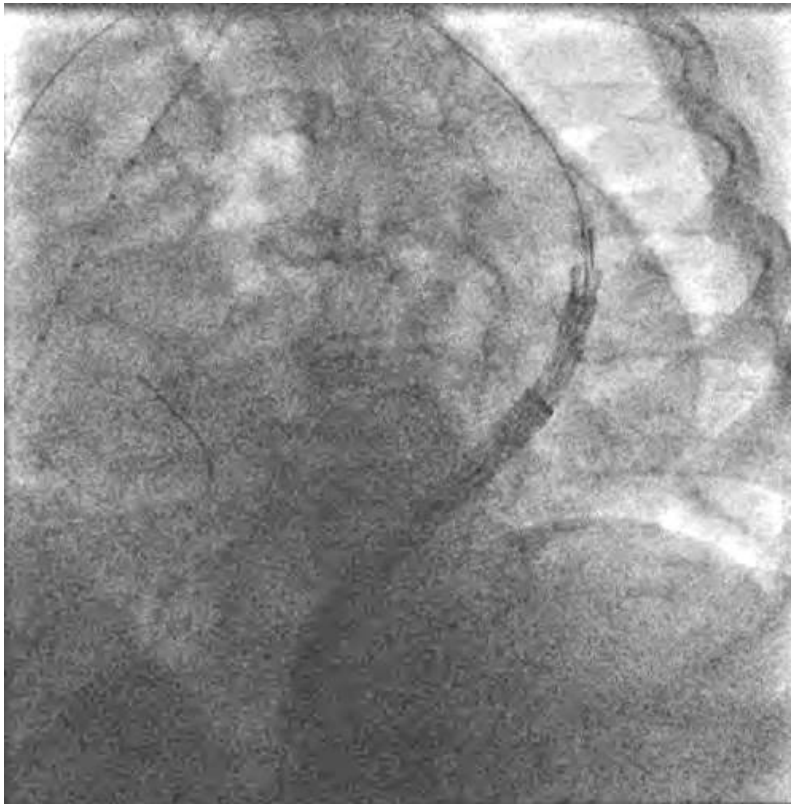




Even better navigability

- Facilitated with the 65 cm long GORE® DrySeal Flex Introducer Sheath



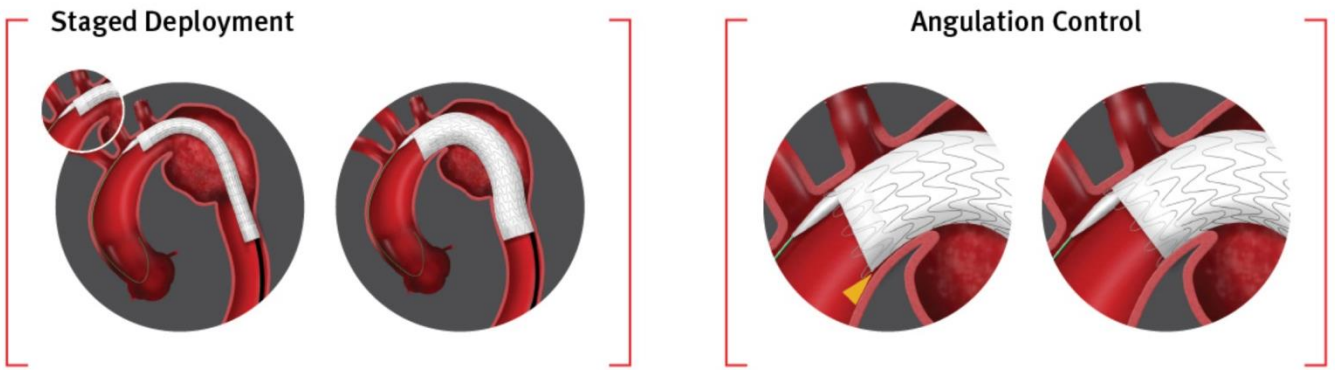


Gore® TAG®Conformable Thoracic Stent Graft with **ACTIVE CONTROL system**

- Same as Conformable GORE® TAG® Device
- Two major new features

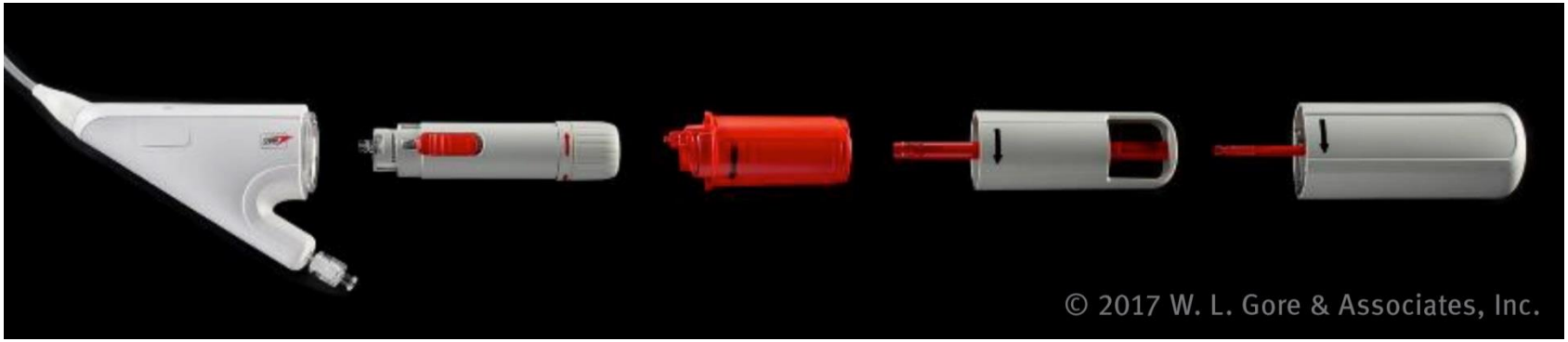
  1-Staged deployment

  2-Proximal angulation control



Gore® C-TAG®
with **ACTIVE CONTROL system**

- Curved leading olive
- Intuitive deployment system
- Optional steps can be skipped
- Lockwire keeps stent graft attached to catheter throughout the procedure



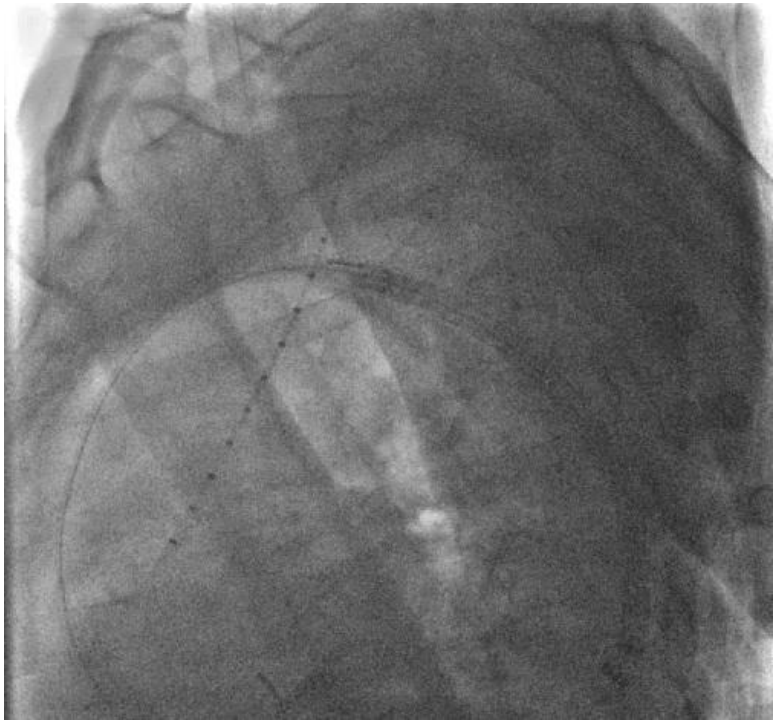
Staged deployment

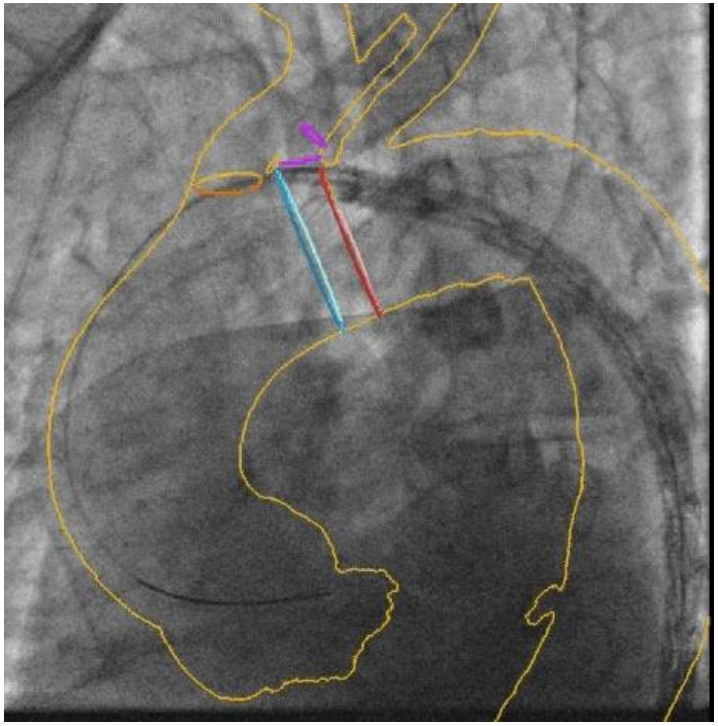
First step:

graft opens at **intermediate diameter**

Blood flows around the graft

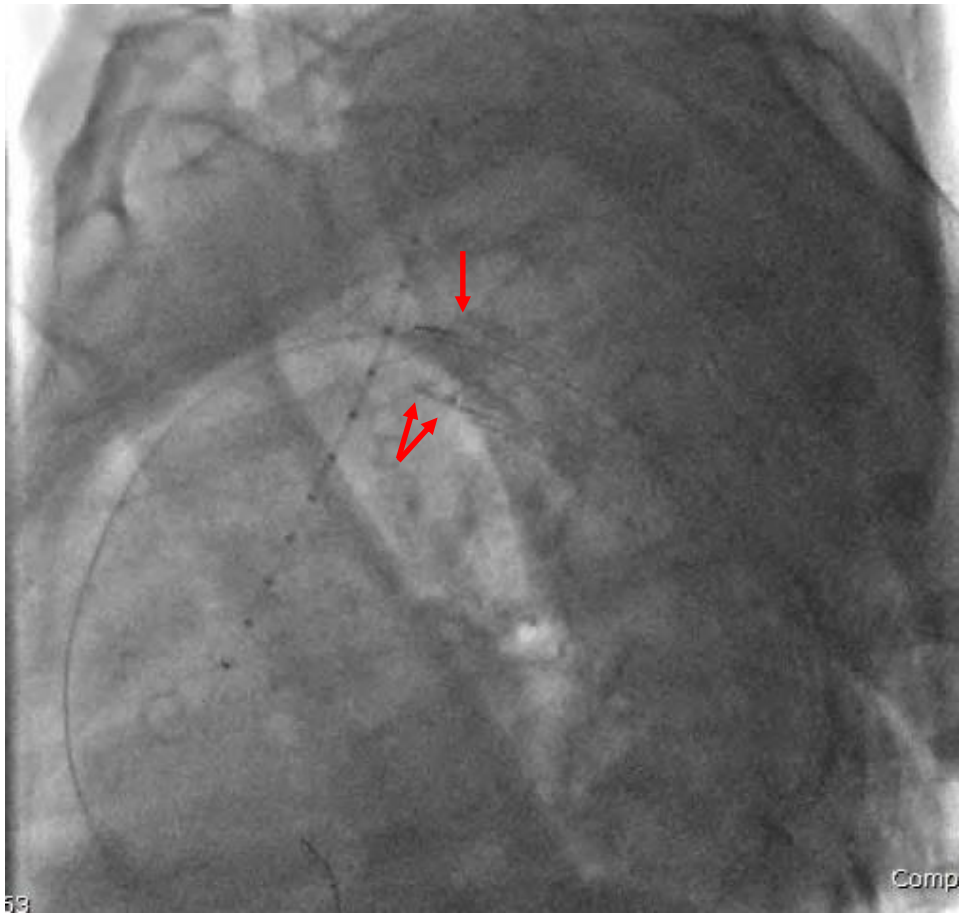
The graft position still can be adjusted





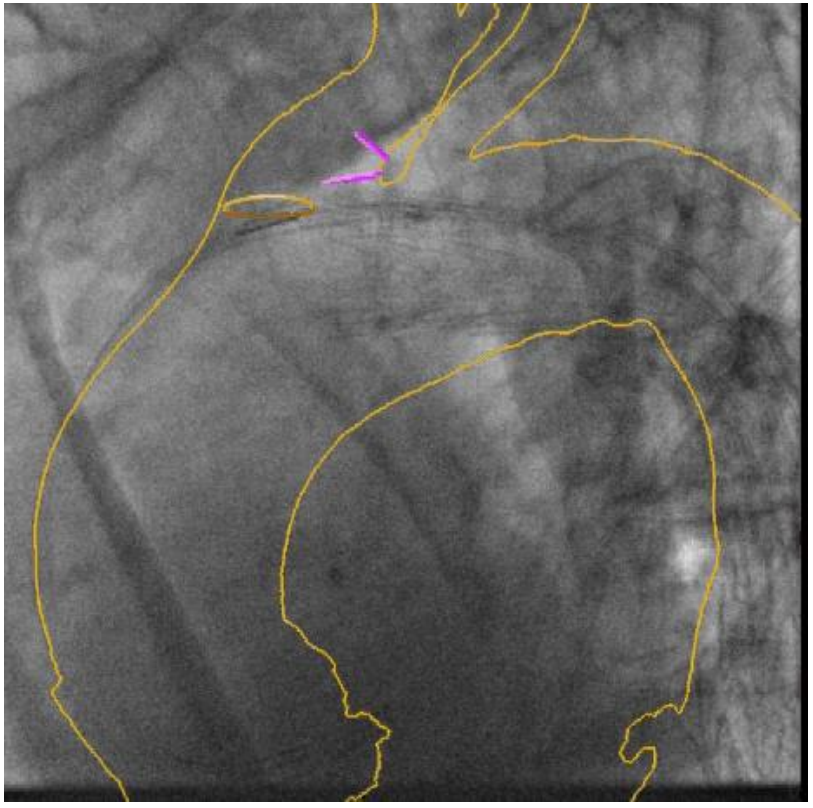
Angulation control

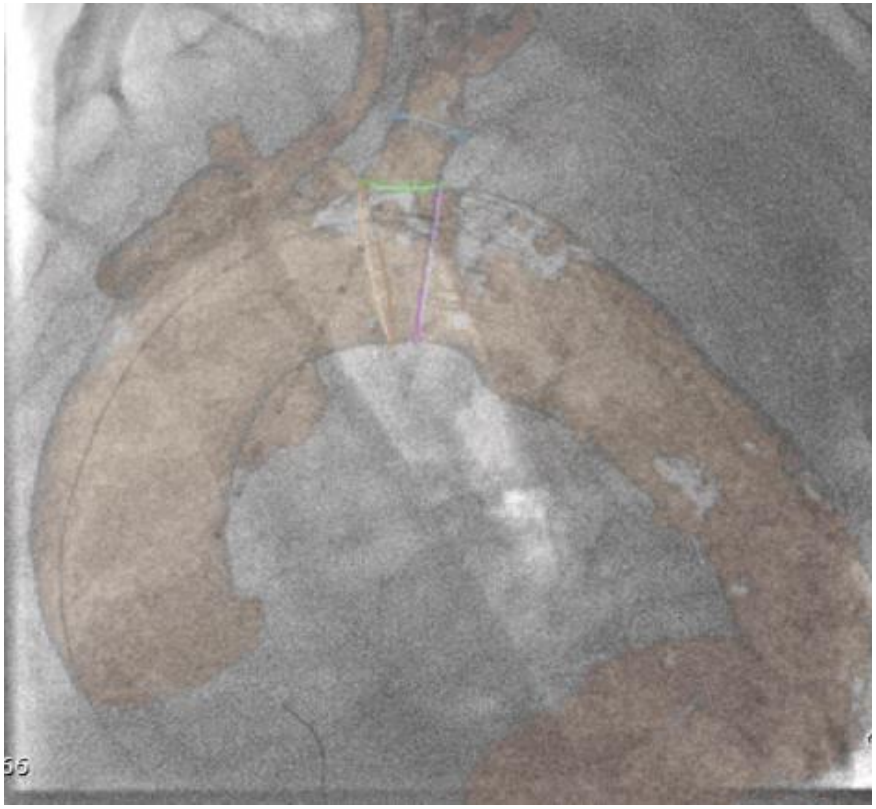
- Optional feature
- Refines orthogonal placement of the proximal end of stent graft
- Available during intermediate and / or full diameter stages



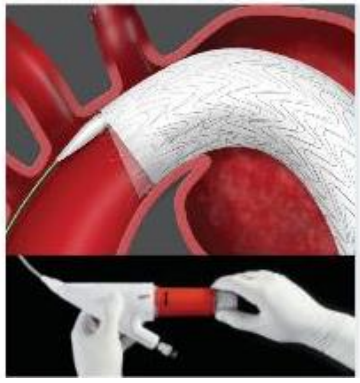
Full deployment

- The graft is deployed exactly were chosen
- Maximal precision is achieved
- Angulation can still be adjusted or the graft is released of the catheter

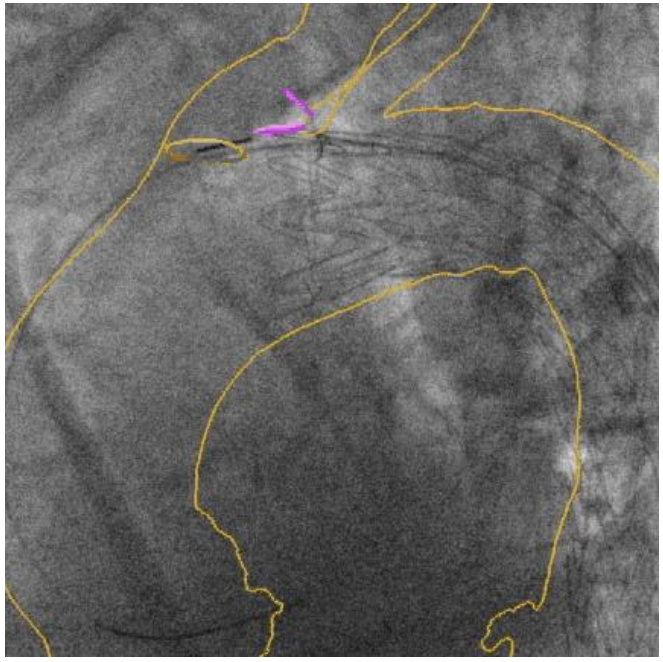


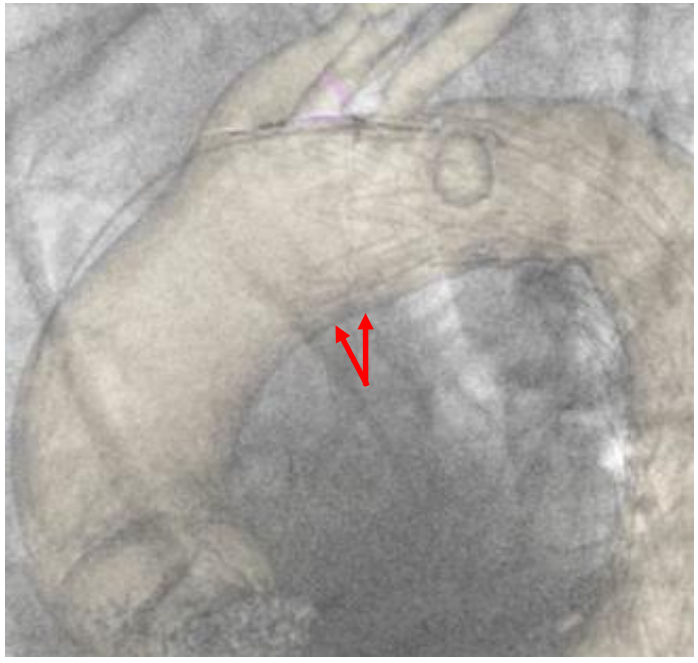


Angulation control at full deployment



- Allows even better conformability if required





Conclusion

- Gore® C-TAG® has proven results
- Gore® C-TAG® with *ACTIVE CONTROL system*
  - *Enhances precision and predictability of the graft deployment*
  - *Is intuitive and easy to use*
  - *Will allow better clinical outcomes by decreasing adverse events during deployment of the grafts*

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Thank you