

The LINIC logo is located in the top left corner. It features the word "LINIC" in white, uppercase letters. The letters are partially overlaid by a stylized graphic consisting of several curved, brushstroke-like shapes in dark blue, red, and yellow. The background of the slide is light blue with large, faint, light blue brushstroke-like patterns.

LINIC

Dysfunctional Fistula

AVF with DCB

Scott O. Trerotola, MD

Stanley Baum Professor of Radiology

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Disclosure

Speaker name:

Scott O. Trerotola, MD

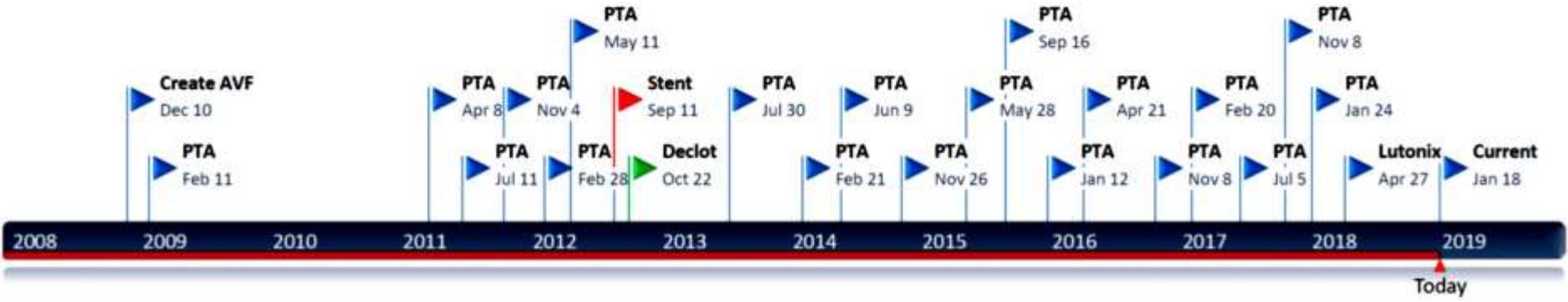
I have the following potential conflicts of interest to report:

- Consulting
 - Employment in industry
 - Stockholder of a healthcare company
 - Owner of a healthcare company
 - Other(s)
-
- I do not have any potential conflict of interest

DCB Case

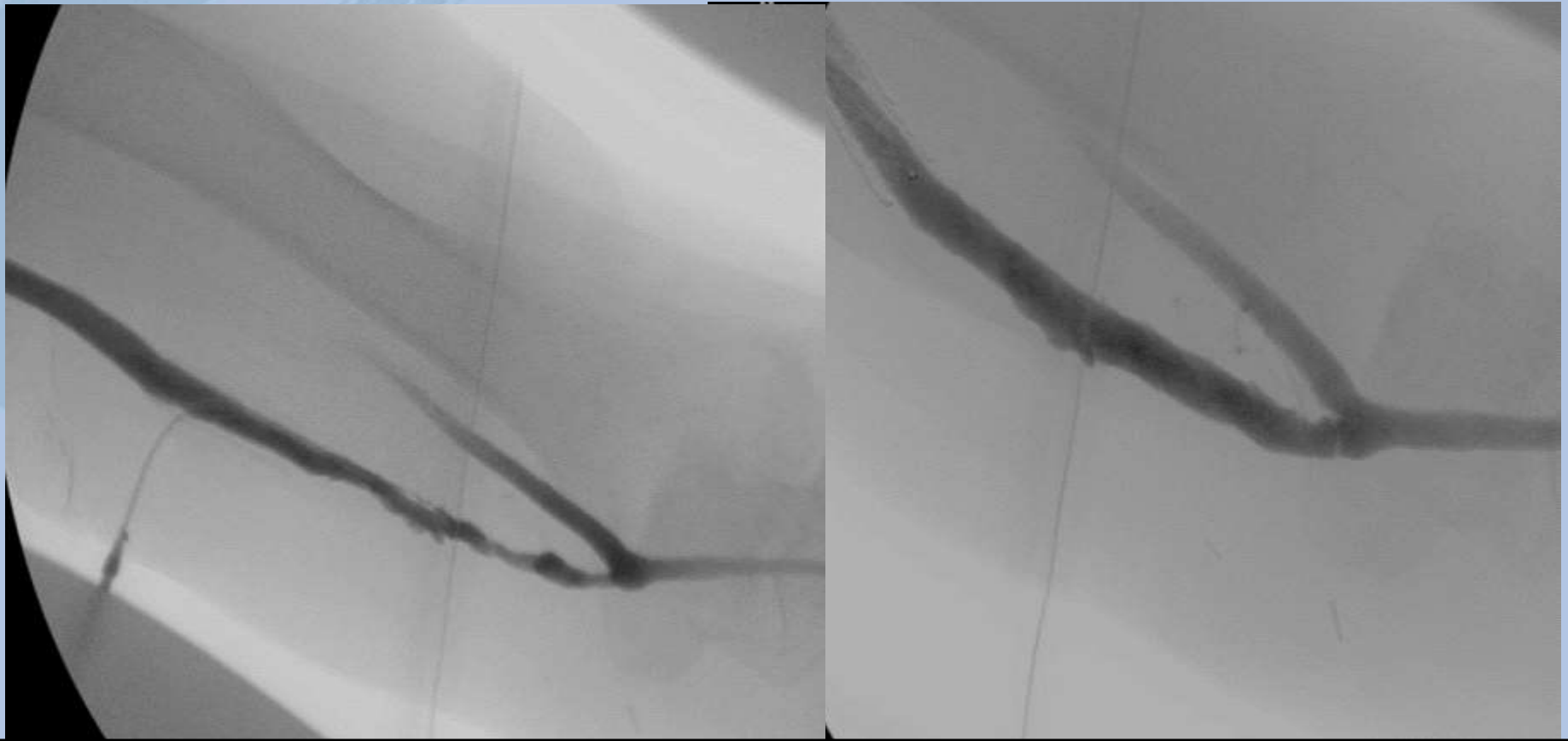
- 69 year-old white male
- ADPKD
- 1988: Initiated PD
- 1990: Kidney Transplant #1
- 1996: Failed transplant
 - Returned to PD: Failed
 - Failed RUE AV access
 - R-Femoral AV graft
- 1999: Kidney Transplant #2
- 09/2008: Failed transplant: TDC
- 12/2008: LUA BVT AVF
- 2008-2018: 21 interventions
 - 1 stent
 - 1 thrombectomy
- Chronic hypotension
- Few other practical options for new AV access
 - “Precious fistula”

Timeline of Access History & Interventions

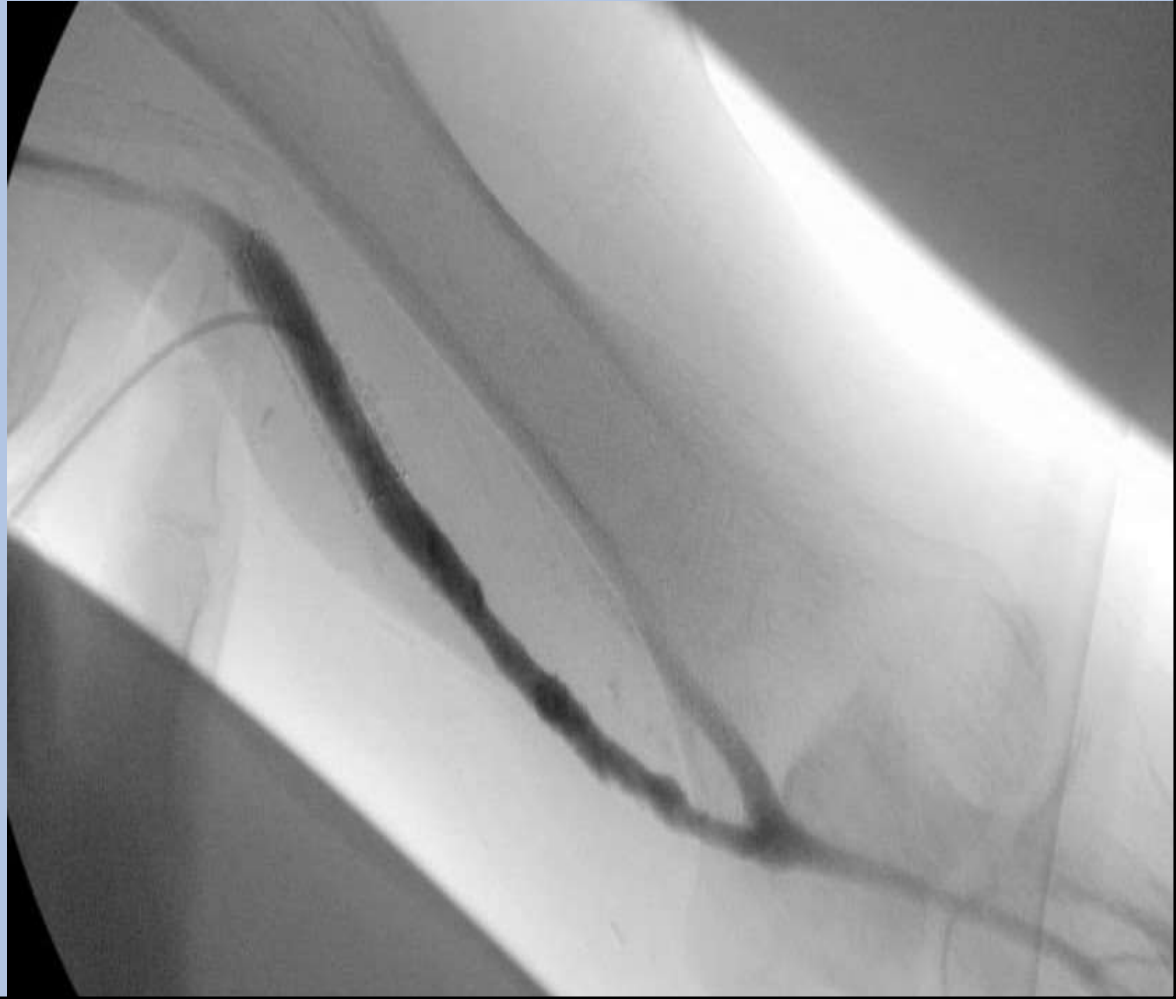
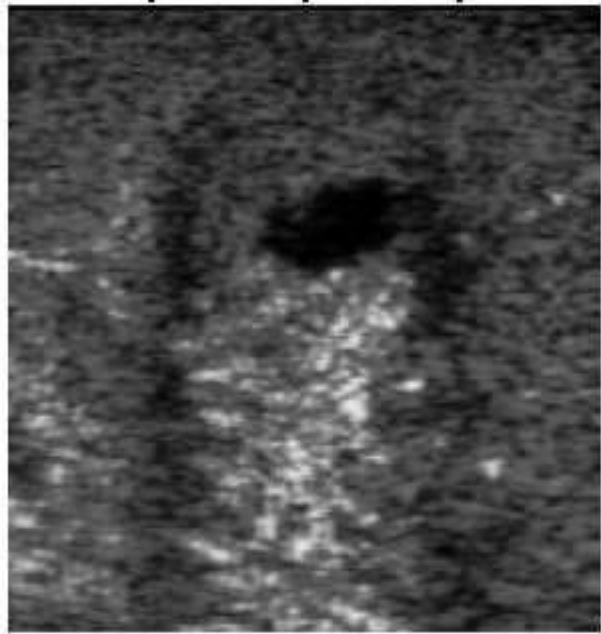


Courtesy of Ted Saad, MD

Typical Intervention: Pre-Post Conventional 8 mm PTA



Thickened vessel wall with neointimal “hypertrophy”: Involving needle puncture segment



April 2018: PTA 8 x 60 mm Lutonix[®] DCB
Overlapped from puncture segment
through anastomosis

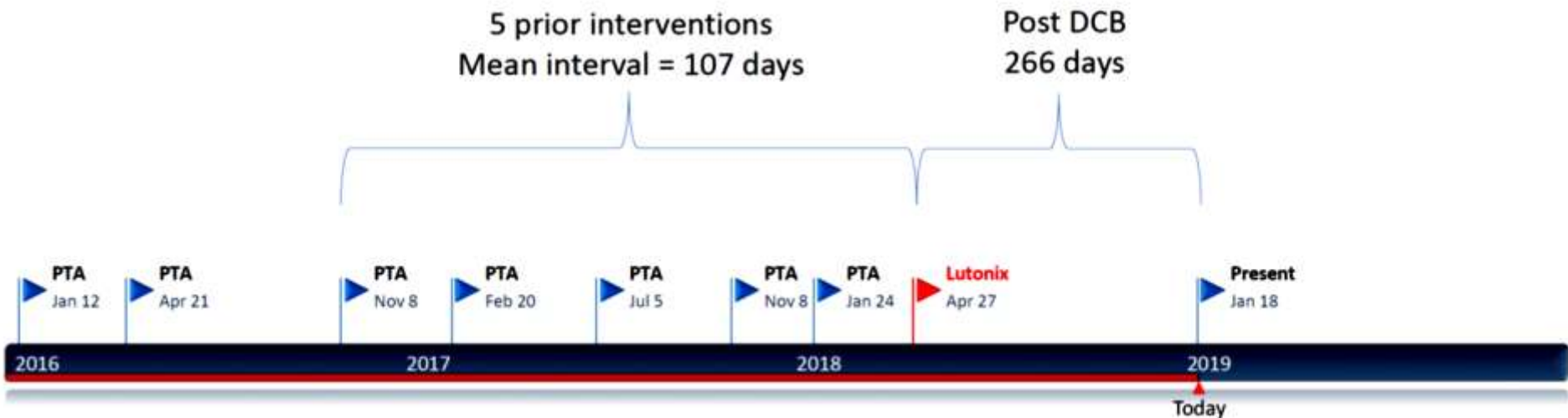


Post 8 mm Lutonix[®] DCB, April 2018

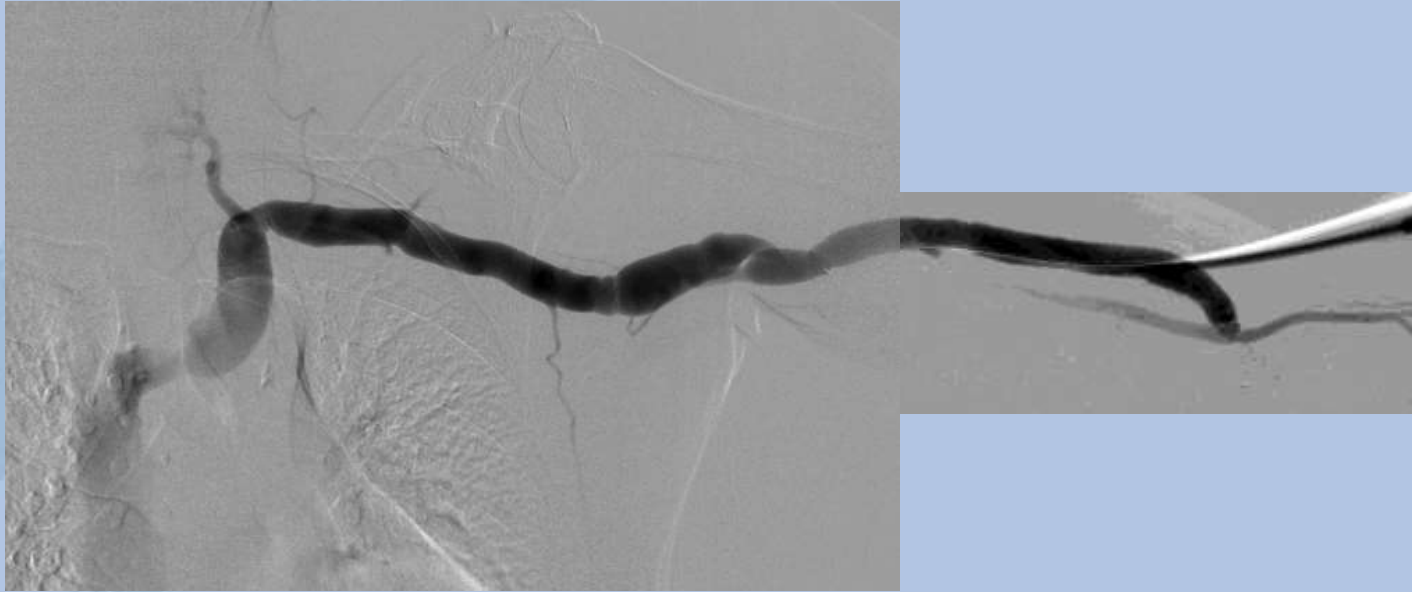


Access Timeline: “Accelerated Phase”

Extended intervention-free interval post DCB



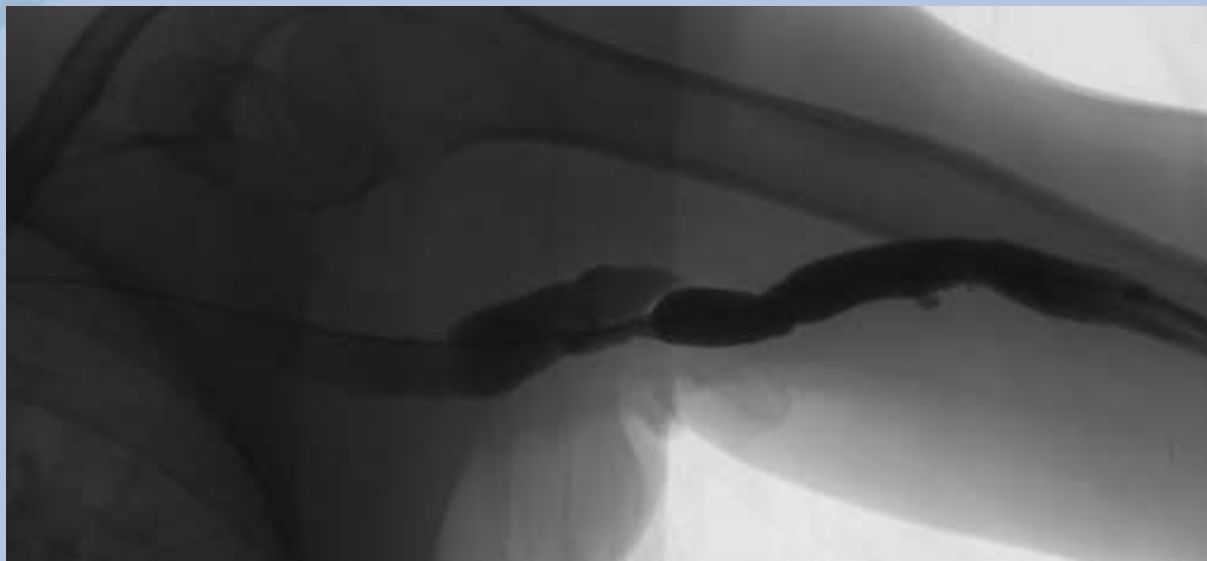
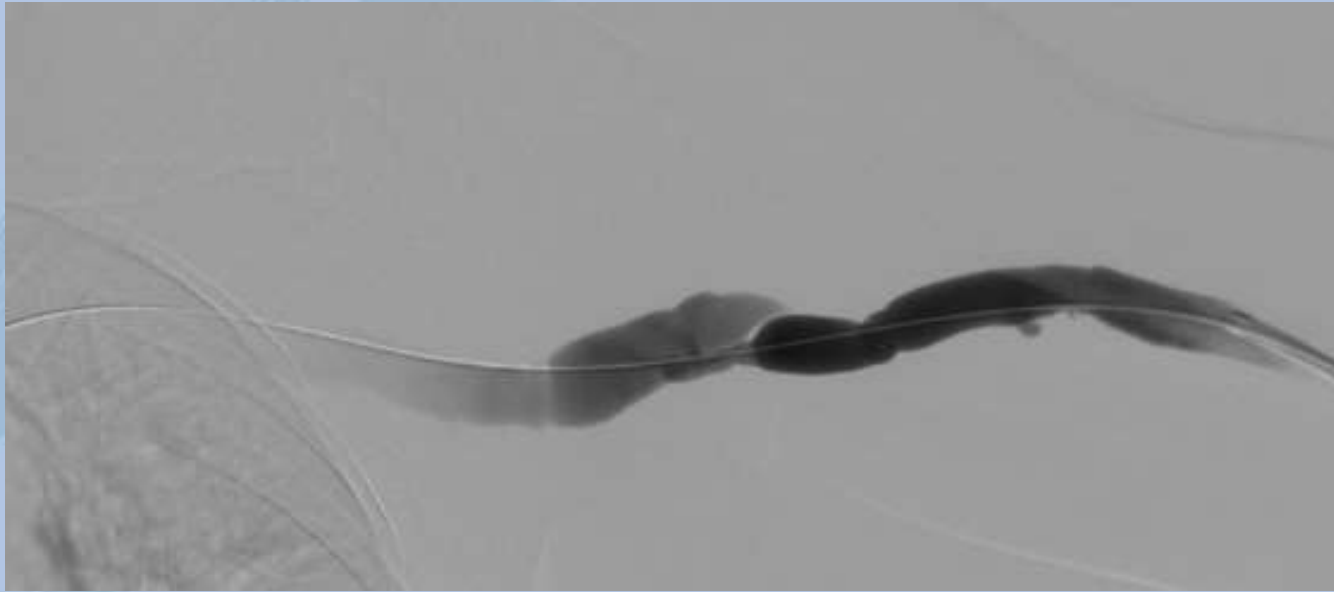




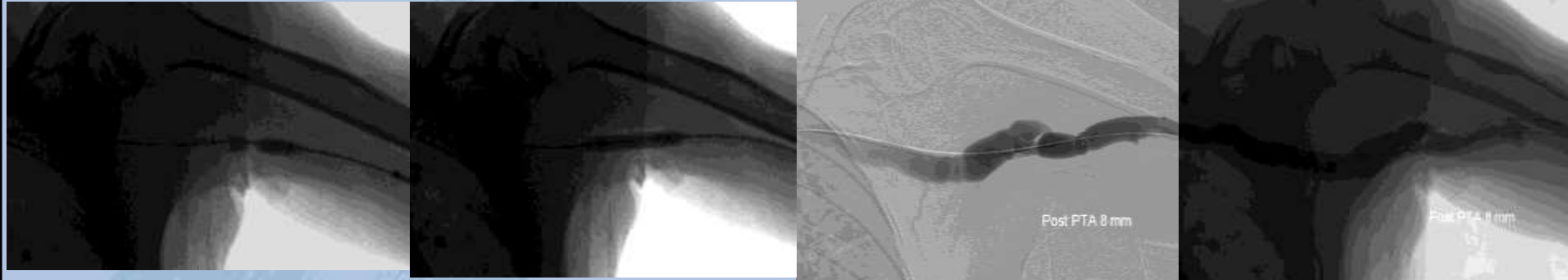
LUA BVT with abnormal exam



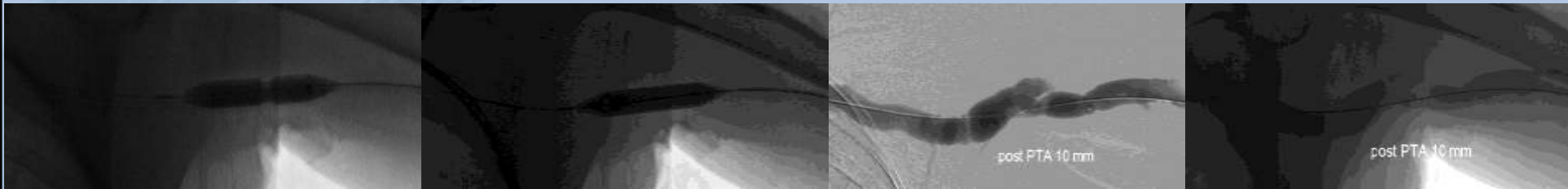
>50%



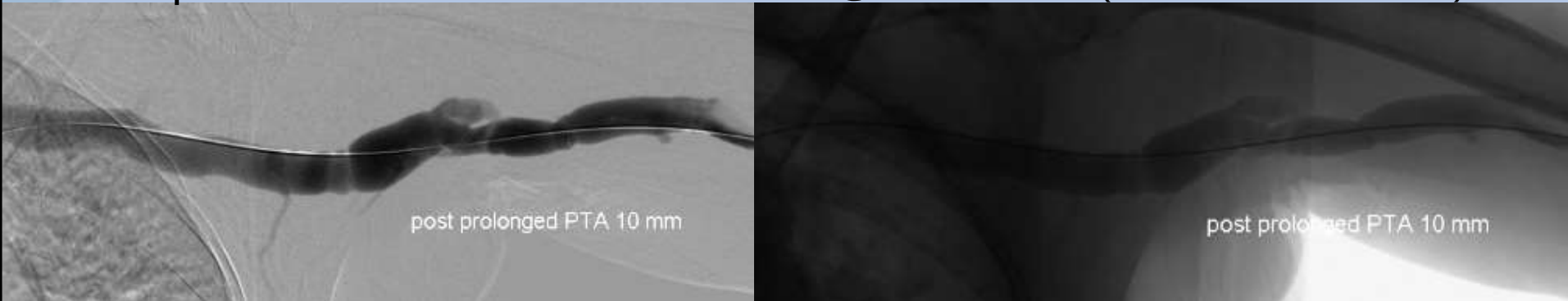
Vessel Preparation



Conquest® Catheter 8mm x 4cm @ >30 atm (30% received >25atm in IDE Trial)



Conquest® Catheter 10mm x4 cm @ >30 atm (56% residual stenosis)



5 minute inflation w/10mm x 4cm (25% residual stenosis)

LUTONIX[®] DCB (10mm x 6cm) inflated to 11atm (thus ~10.8 mm)



DCB \geq 1:1 pre-dilation balloon

DCB should extend 5mm proximally and distally

s/p DCB 10 mm x 3 min

s/p DCB 10 mm x 3 min

Good thrill restored

s/p DCB 10 mm x 3 min



The logo for LINC (Lancaster Institute for Noninvasive Care) features the letters 'LINC' in a white, sans-serif font. The letters are positioned over a stylized graphic of three curved, overlapping brushstrokes in dark blue, red, and yellow. The background of the slide is a light blue gradient with large, faint, light blue brushstrokes.

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