

From Innovation to Complication: Managing a Kinked Navitor Valve

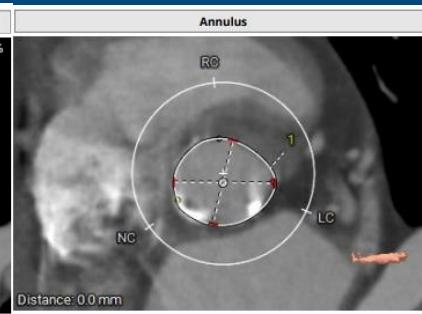
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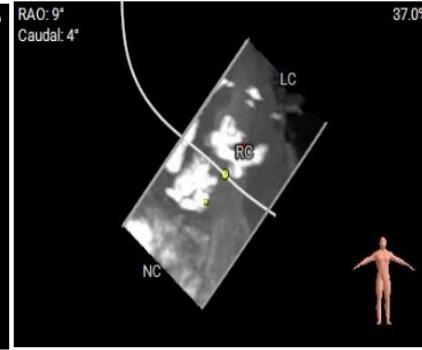
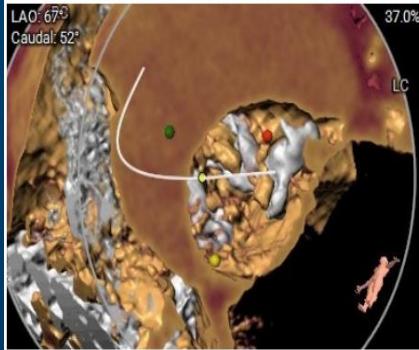
Case presentation

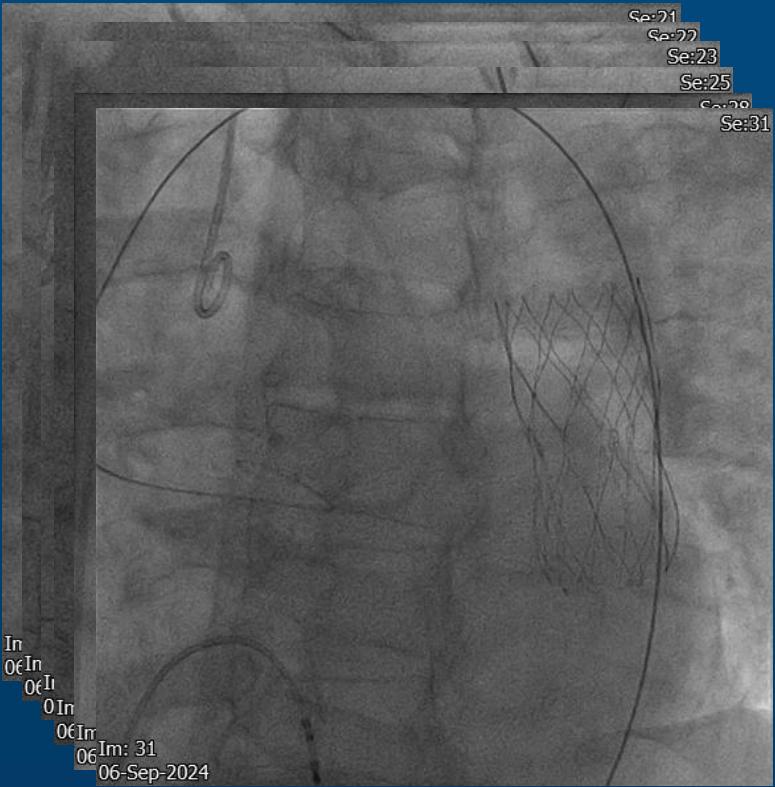
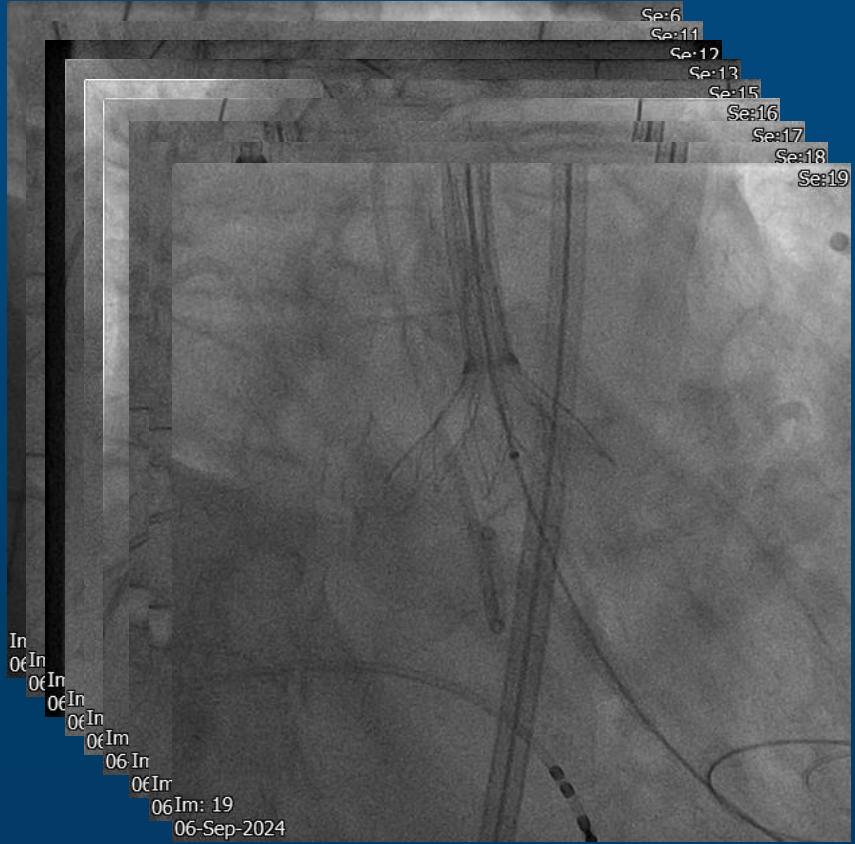
- 80 years old male admitted for elective TAVI for severe symptomatic AS.
- For full escalation as good baseline.
- PMH:
 - Hypertension
 - Hypercholesterolaemia
 - CKD 3
 - Squamous cell carcinoma
 - Essential tremor
 - Alcohol excess
 - Ex smoker

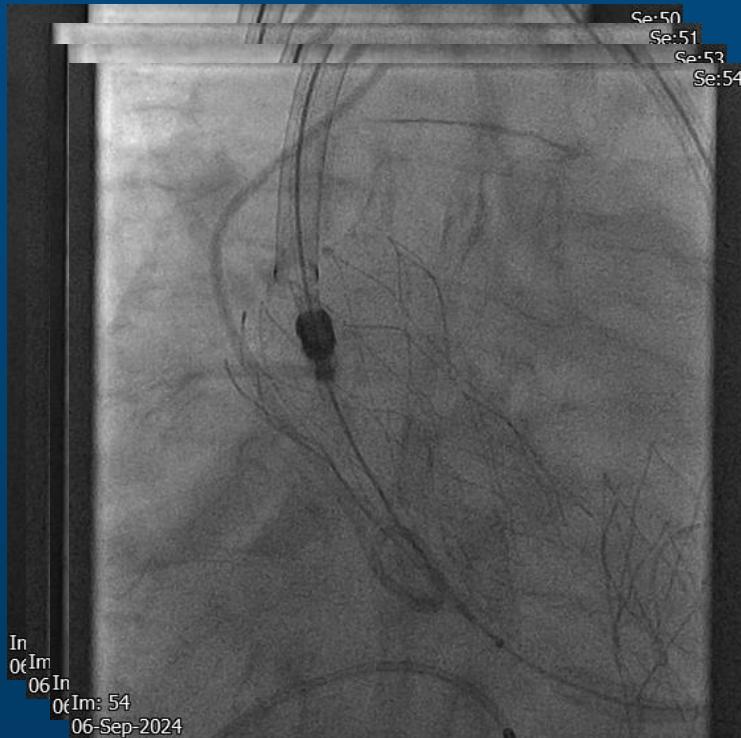
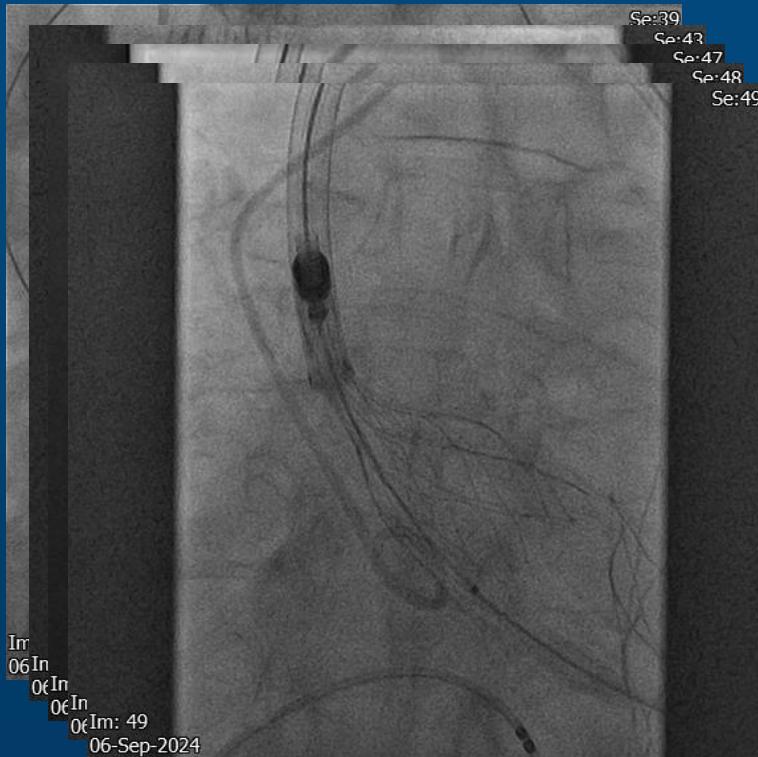


ID Type	Label	Value
1	Polygon LVOT Diameter - Min. Ø	21.8 mm
	LVOT Diameter - Max. Ø	27.2 mm
	LVOT Diameter - Avg. Ø	24.5 mm
	Area derived Ø	24.4 mm
	Perimeter derived Ø	24.7 mm
	Area	467.9 mm ²
	Perimeter	77.6 mm

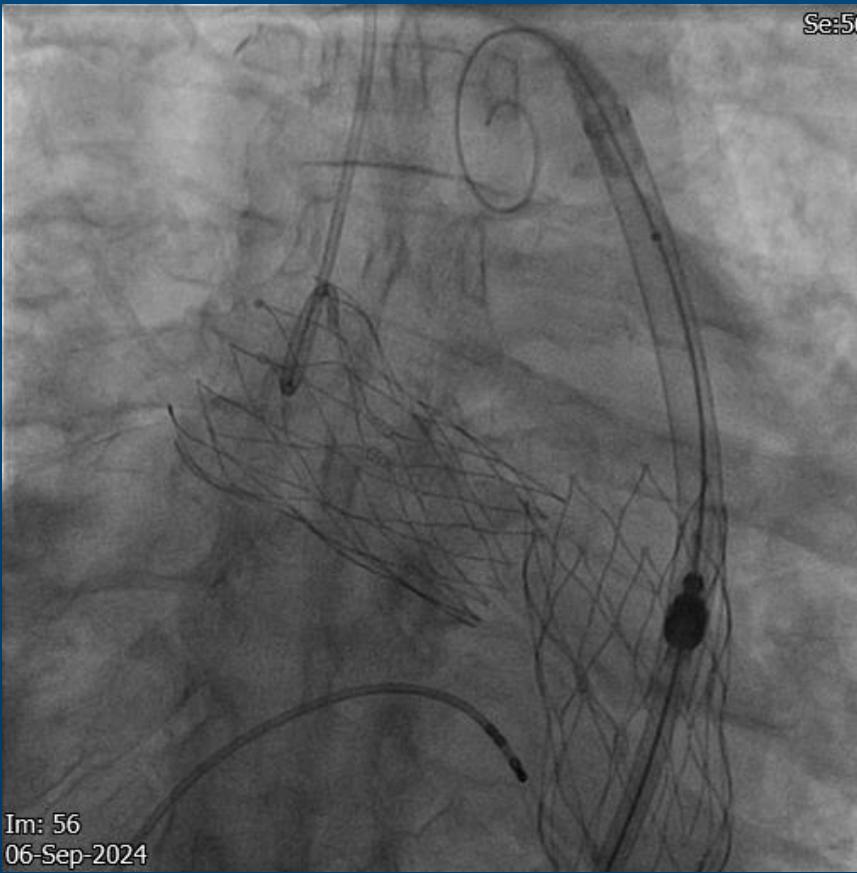
ID Type	Label	Value
1	Polygon Annulus Dimensions - Min. Ø	23.5 mm
	Annulus Dimensions - Max. Ø	27.7 mm
	Annulus Dimensions - Avg. Ø	25.6 mm
	Annulus Dimensions - Area derived Ø	25.2 mm
	Annulus Dimensions - Perimeter derived Ø	25.4 mm
	Annulus Dimensions - Area	499.4 mm ²
	Annulus Dimensions - Perimeter	79.9 mm







Se:56



Im: 56
06-Sep-2024

Conclusion/Summary/Take-home Message

- There is potential kinking of the flexible Navitor delivery catheter in tortious anatomy
- In these situations, better to use stiffer wire (Landerquest)
- Consider using sheath in tortious anatomy