

Visions PV .035

Digital IVUS catheter



Help reduce procedural contrast use and radiation time with IVUS guided EVAR procedures

Features and bene



25 radiopaque markers, 1 cm apart, on distal shaft

Visible RO markers spaced 1 cm apart allow for quick length measurements.

Inked markers (non-radiopaque)

Inked markers, 1 cm apart, on proximal shaft

Pull back the IVUS catheter and count the external inked markers on proximal shaft to facilitate length assessments.





IVUS imaging

- Confirms position in true lumen versus false lumen
- Provides real-time diameter measurements
- Assesses vessel morphology

1. Hoshina, et al. A Retrospective Study of Intravascular Ultrasound use in Patients Undergoing Endovascular Aneurysm Repair: Its Usefulness and a Description of the Procedure. Eur J Vasc Endovasc Surg. 2010;40:559-563

2. von Segesser, et al. Routine Use of Intravascular Ultrasound for Endovascular Aneurysm Repair: Angiography is not Necessary. Eur J Vasc Endovasc Surg.

All IVUS images: Data on file.



Study data reported a reduction in contrast¹

Amount of contrast (cc)



(IVUS group 67 ± 34 ml vs. non-IVUS group 123 ± 50 ml; p<0.01)

Study data reported a reduction in mean x-ray exposure time when utilizing adjunctive IVUS vs. angio alone²

 Mean X-ray exposure time

 25

 20
 Without IVUS 24 min (n=31)

 15
 With IVUS (p<0.05) 8 min (n=49)

 5
 Range 9-65 min

 0
 Range 0-60 min



Help reduce procedural contrast use and radiation time with IVUS guided EVAR procedures

Utilize the imaging capabilities of IVUS

to assist in reducing radiation during IVUS guided EVAR procedures

Radiopaque and inked catheter shaft markers facilitate low contrast and low radiation procedures



Renal vein and left renal artery



External iliac artery with internal iliac (hypogastric) branch





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