Features of the Ideal Venous Stent

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Disclosure

Speaker name:

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I have the following potential conflicts of interest to report:

- Consulting: Cook medical; Optimed GmbH; Bard; Volcano/Philips; TVA Medical; Vesper Medical;
- Employment in industry
- Stockholder of a healthcare company
- Owner of a healthcare company
- Other(s)

I do not have any potential conflict of interest
Opinion poll

• Flexibility?

• Radial force/crush resistance?

• Diameters?

• Deployment?
Radial Force and Crush Resistance

Bench testing may not be indicative of clinical performance. Different test methods may yield different results. Competitive testing samples represent commercially available venous stents with CE mark as of June 2014.
Stent Flexibility

3 Point Bending Stiffness (N)

- Bard Venovo 14x160
- Optimed Sinus Venous 14x80
- Cook Zilver Vena 14x100

Bard

Optimed

Cook
Prevent unnecessary complications

- Crossing contralateral limb
- “Cava filter” style
- Slowly occluding struts
Anatomical regions of interest
Anatomical regions of interest
Anatomical regions of interest
Anatomical regions of interest
Features

• Fool proof positioning

• Does not cause stent-related patency loss

• Does not cause additional complications
  • Contralateral DVT
  • Pain
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