The Importance of Flexibility of Venous Stents

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- Receipt of grants/research support
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  Medtronic, BD BARD, Cook, Ab medica, Bentley, Optimed, BTG

Non dedicated venous stents

Dedicated venous stents

Non dedicated venous stents

Dedicated venous stents
Conclusion

- No doubt that "Flexibility" is an important issue!

- The flexibility of majority of current venous stents seems to be enough with good short time results

- Till date with currently available studies we can not answer to:
  - What should be the minimum (threshold) of flexibility?
  - If more flexibility means better outcome?

- It is not the stent, it is more the pattern of disease which affects the outcome

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Thank you for your attention

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<table>
<thead>
<tr>
<th>Study</th>
<th>Stent</th>
<th>N</th>
<th>Pathology</th>
<th>FU</th>
<th>Primary patency</th>
<th>Ass. primary patency</th>
<th>Secondary patency</th>
</tr>
</thead>
<tbody>
<tr>
<td>VIVO-EU</td>
<td>Zilver stent</td>
<td>35</td>
<td>Iliofemoral PTS</td>
<td>12 mo</td>
<td>87.9%</td>
<td>96%</td>
<td>100%</td>
</tr>
<tr>
<td>VITRUS</td>
<td>Veniti/Vlabel</td>
<td>30</td>
<td>NIVL + Iliofemoral PTS</td>
<td>12 mo</td>
<td>90%</td>
<td>96%</td>
<td>100%</td>
</tr>
<tr>
<td>VENAGLUE</td>
<td>Venovo</td>
<td>80</td>
<td>NIVL + Iliofemoral PTS</td>
<td>12 mo</td>
<td>96%</td>
<td>96%</td>
<td>97%</td>
</tr>
<tr>
<td>Simo-Venous</td>
<td>VIVO-EU</td>
<td>75</td>
<td>NIVL + Iliofemoral PTS</td>
<td>12 mo</td>
<td>92%</td>
<td>99%</td>
<td>100%</td>
</tr>
<tr>
<td>Sinus-Obliquus</td>
<td>VITRUS</td>
<td>24</td>
<td>NIVL</td>
<td>10 mo</td>
<td>85%</td>
<td>85%</td>
<td>100%</td>
</tr>
</tbody>
</table>

- Whether more flexibility leads to better clinical outcome remains unclear.