TIGRIS™ vascular stent case presentation:

Radial Strength and beyond

Peter Huppert
Prof. of Radiology and Neuroradiology
Klinikum Darmstadt
Disclosure

Speaker name:

Peter Huppert, M.D.

☐ I have the following potential conflicts of interest to report:

☐ Consulting

☐ Employment in industr

☐ Stockholder of a healthcare company

☐ Owner of a healthcare company

☐ Other(s)

x I do not have any potential conflict of interest
Single center TIGRIS-Registry
Vascular Center Klinikum Darmstadt*
2/2014-12/2015: 87 Patients / 91 Stents

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*Department of Radiology (P. Huppert, W. Müller, O. Kotterer)
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*Department of vascular surgery (F. Adili, P. Knez)
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TIGRIS Implantation Site PII/III

- 15 Lesions
- 18 stents
- Heavy calified 6
- Stent fracture 1
- Trifurcation involved 3
Recanalization PI-III

- 81 a, w, R III

POBA 3-4 mm
Recanalization PI-III

- 81 a, w, R III

POBA 3-4 mm  T 6/80+5/80
Recanalization PI-III

• 81 a, w, R III

POBA 3-4 mm  T 6/80+5/80
Recanalization PI-III

- 81 a, w, R III

- POBA 3-4 mm
- T 6/80+5/80
- Stent connecting by POBA
Recanalization PI-III

- Longitudinal stability near to trifurcation
Recanalization PI-III

- Longitudinal stability near to trifurcation
Calcified Lesion PII/III, Trifurcation Involved

• 78 a, w, R V

Before stent dilatation

3 + 4 mm POBA
Calcified Lesion PII/III, Trifurcation

• 78 a, w, R V

Involved

Saving anterior tibial artery?
Calcified Lesion PII/III, Trifurcation

- 78 a, w, R V Involved

Intended implantation into TFT because of heavy calcified lesion.
Room for Fenestration?
Calcified Lesion PII/III, Trifurcation Involved

o.018”
GW

3.0 mm POBA

3/24 mm be
BMS
Recanalization of Stentfracture & Occlusion

- 63 a, m, R III
Recanalization of Stentfracture & Occlusion

- 63 a, m, R III
Recanalization of Stentfracture & Occlusion

- 63 a, m, R III

T 6/80 mm + 5/80 mm ; be BMS 4/24 mm
Recanalization of Stentfracture & Occlusion

- 63 a, m, R III
Our Conclusions

• Radial strength of TIGRIS stent is sufficient for treatment of calcified popliteal lesions.

• Fenestration of TIGRIS stents by POBA and be-BMS is possible.