NiTiDES: From theory to practice

Dr. R. Langhoff
Disclosure

Speaker name: ........................................................................................................

I have the following potential conflicts of interest to report:

☐ Consulting
☐ Employment in industry
☐ Stockholder of a healthcare company
☐ Owner of a healthcare company
☐ Other(s)

☒ I do not have any potential conflict of interest
Evolution of Tools for Endovascular Procedures
What makes a stent a Superstar?

✓ if a stent outperforms in terms of **clinical** and **material** conditions

✓ and potentially if the study nurse tells you that something is going on with an investigational device which almost never showed a restenosis during 24-month follow up
Case baseline

Patient information:

62 y old male with Claudication Rutherford III

CRF:

art. Hypertension
Smoker
Hypercholesterinemia

Duplex:

12 cm long occlusion left SFA

Access:

contralateral 6F sheath
Case angiographic findings
Case procedure:
Case procedure
ILLUMINA Case 24 months follow up

Reference (Acute result)
Conclusions

➢ Drug-elution has proven benefits on clinical outcomes in SFA treatment over non-drug based treatment

➢ PTX-gate is still ongoing and safety concerns exist

➢ Amphilmus™ (Sirolimus + fatty acid) is a drug with proven outcomes in a daily practice scenario

➢ NiTiDES showed superb 24 month-data for a SFA DES strategy with the lowest TLR rate ever

➢ We now have a drug-based and stent based approach, even without a toxic PTX effect on the vessel wall
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