LINC to phlebology

What’s new in endovenous varicose vein treatment?
Disclosure

Speaker name: Anina Lukhaup

I have the following potential conflicts of interest to report:

- [x] Consulting Pfizer, Bayer, Daiichi-Sankyo
- [ ] Employment in industry
- [ ] Stockholder of a healthcare company
- [ ] Owner of a healthcare company
- [ ] Other(s)

- [ ] I do not have any potential conflict of interest
What we have

Variety of treatment options
Safe and efficant
but...
What we want

• Minimal invasive treatment
• Suitable for all vessel anatomies
• No thermal nerve lesions
• Few or zero tumescent anesthesia
• No compression
• Leave nothing behind
New technology

- **HIFU - High Intensity Focused Ultrasound**
- Medical experience p.e. thyroidal nodes
- Treatment for perforator veins
- Non-invasive treatment
- No CE-Certification
- Echopulse Theraklion®
New tool

- More flexible Radiofrequency catheter
- Heating tip changeable: 2.5 and 10 cm
- 6F sheath
- Reduced treatment time
- Less invasive
- Venclose®
New laser wavelength

- 1940 nm Laser
- Higher absorption rate
- Less power output
  2-5 watt / 8-12 watt
- More focused energy diffusion
- No tumescent anesthesia (?)
- SimLa®6 IMS medical®
What we have

- Minimal or non-invasive treatment ✓
- No thermal nerve lesions ✓
- Few or zero tumescent anesthesia ✓
- Leave nothing behind ✓
- No compression afterwards ✗
- Suitable for all vessel anatomies ✗
Conclusion

• Promising new developments
• Additional to the well established methods
• Advantages
  more flexibility
  reduction of tumescent anesthesia
  less/non invasive
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