

LINC to phlebology

What's new in endovenous varicose vein treatment?

Disclosure

Speaker name:

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I have the following potential conflicts of interest to report:

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®



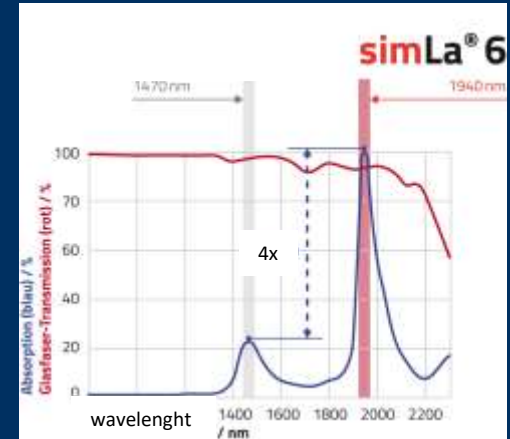
New tool

- 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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