“One-stop shop” varicesspreekuur

Algemene chirurgie

St. Anna Zorggroep

“One-stop shop” varicesspreekuur

Algemene chirurgie

St. Anna Ziekenhuis | F. van der Linden | THEMA dagen | Sorrento 16 april 2010

“One-stop shop” varicesspreekuur

- Historie
- Indeling
- Therapie

  -EVLT
- “One-stop shop” varicesspreekuur
- Toekomst

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Historie

- “One-stop shop” varicesspreekuur (1994)
- Cryo-strip VSM (1994)
- TriVex convolutectomie (september 2002)
- 3 gecertificeerde vaatchirurgen (2003)
- EVLT (2008)

Historie

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TriVex


LIJF&LEVEN
EINDHOVENS DAGBLAD
Nieuwe methode tegen spataders
Licht uit, spot aan, spat weg
Thuis
Krachten bundelen
EINDHOVENS DAGBLAD
HELMOND EN OMSTREKEN
Snelle spataderoperaties St.-Anna
VVD wil inspecteur in de klas bij islamonderwijs

Historie

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Indeling

- Primaire varices

  -hormonale factoren

  -langdurige hydrostatische overdruk

  -obesitas

  -genetische predispositie
- Secundaire varices

  -posttrombotisch

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- Secundaire varices

  -posttrombotisch

Indeling

- Stamvarices (VSM / VSP)
- Zijtakvarices
- Reticulaire varices (1-3 mm)
- Teleangiëctasieën (< 1 mm)

  -venectasieën

  -besenreiser

Indeling CEAP-classificatie

C	E	A	P
Clinical status (kliniek)	Etiologie	Anatomie	Pathofysiologie
C0 geen zichtbare afwijkingen			
C1 teleangiëctasieën of reticulaire venen	E_c congenitaal	A_s superficieel	P_r reflux
C2 varices	E_p primair	A_p perforerend	P_o obstructie
C3 oedeem	E_s secundair (posttrombotisch)	A_d diep	$P_{r,o}$ combinatie
C4a pigmentatie, eczeem C4b lipodermatosclerosis, atrofie blanche	E_n geen veneuze oorzaak bekend	A_n geen veneuze locatie bekend	P_n geen veneuze pathofysiologie bekend
C5 genezen ulcus			
C6 actief, veneus ulcus			
S symptomatisch			
A asymptomatisch			

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Therapie

- Stamvarices (VSM / VSP) → Cryo / EVLT
- Zijtakvarices → Muller / SCT
- Reticulaire varices (1-3 mm) → SCT
- Teleangiectasieën (< 1 mm) → SCT

  -venectasieën

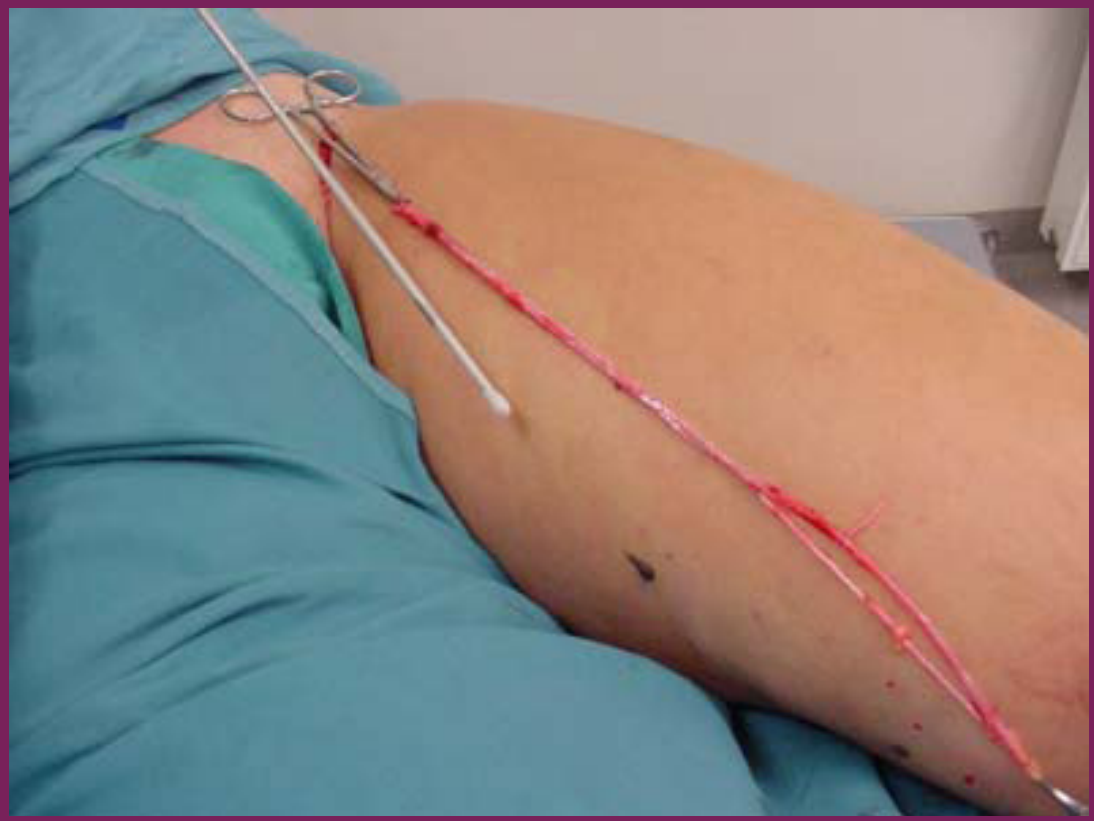
  -besenreiser

Therapie

- Stamvarices (VSM / VSP)

  -Cryo-strip (VSM)

  -EVLT (VSM + VSP)

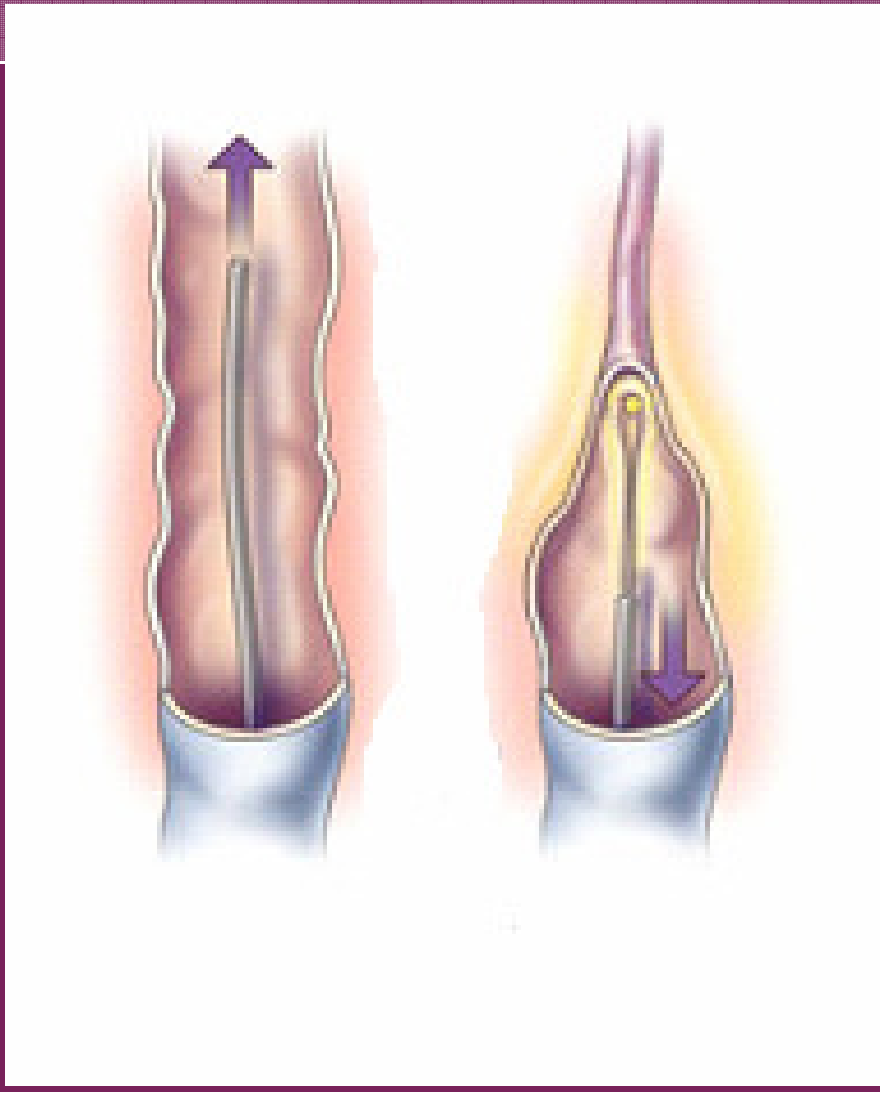


Therapie

- Stamvarices (VSM / VSP)

  -Cryo-strip (VSM)

  -EVLT (VSM + VSP)



Therapie

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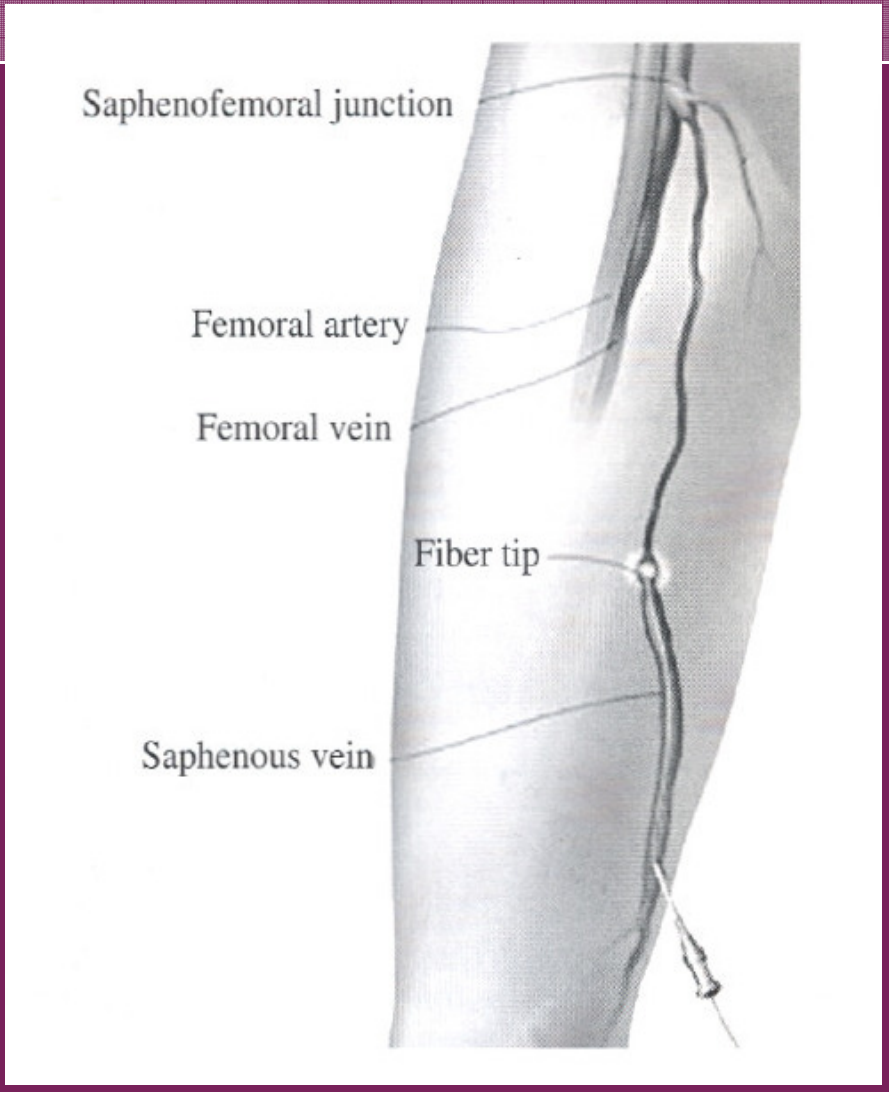

EVLT

- Staminsufficiëntie VSM / VSP
- Poliklinisch
- Lokale anesthesie (tumescent anesthesie)
- Minimaal invasief (katheterteчhniek)
- Patiëntvriendelijk
- Uitstekend lange termijnresultaten

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EVLT

REVIEW ARTICLES

Endovenous therapies of lower extremity varicosities: A meta-analysis

Renate van den Bos, MD,[a] Lidia Arends, PhD,[b,c] Michael Kockaert, MD,[a]
Martino Neumann, MD, PhD,[a] and Tamar Nijsten, MD, PhD,[a] *Rotterdam, The Netherlands*

Background: Minimally invasive techniques such as endovenous laser therapy, radiofrequency ablation, and ultrasound-guided foam sclerotherapy are widely used in the treatment of lower extremity varicosities. These therapies have not yet been compared with surgical ligation and stripping in large randomized clinical trials.

Methods: A systematic review of Medline, Cochrane Library, and Cinahl was performed to identify studies on the effectiveness of the four therapies up to February 2007. All clinical studies (open, noncomparative, and randomized clinical trials) that used ultrasound examination as an outcome measure were included. Because observational and randomized clinical trial data were included, both the Meta-analysis Of Observational Studies in Epidemiology (MOOSE) and Quality Of Reporting Of Meta-analyses (QUORUM) guidelines were consulted. A random effects meta-analysis was performed, and subgroup analysis and meta-regression were done to explore sources of between-study variation.

Results: Of the 119 retrieved studies, 64 (53.8%) were eligible and assessed 12,320 limbs. Average follow-up was 32.2 months. After 3 years, the estimated pooled success rates (with 95% confidence intervals [CI]) for stripping, foam sclerotherapy, radiofrequency ablation, and laser therapy were about 78% (70%-84%), 77% (69%-84%), 84% (75%-90%), and 94% (87%-98%), respectively. After adjusting for follow-up, foam therapy and radiofrequency ablation were as effective as surgical stripping (adjusted odds ratio [AOR], 0.12 [95% CI, −0.61 to 0.85] and 0.43 [95% CI, −0.19 to 1.04], respectively). Endovenous laser therapy was significantly more effective compared with stripping (AOR, 1.13; 95% CI, 0.40-1.87), foam therapy (AOR, 1.02; 95% CI, 0.28-1.75), and radiofrequency ablation (AOR, 0.71; 95% CI, 0.15-1.27).

Conclusion: In the absence of large, comparative randomized clinical trials, the minimally invasive techniques appear to be at least as effective as surgery in the treatment of lower extremity varicose veins. (J Vasc Surg 2009;49:230-9.)

EVLT

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EVLT

- Succespercentage (3 jaar)
  -EVLT: 94%
  -RFA: 84%
  -stripping: 78%
  -echogeleide foam SCT: 77%

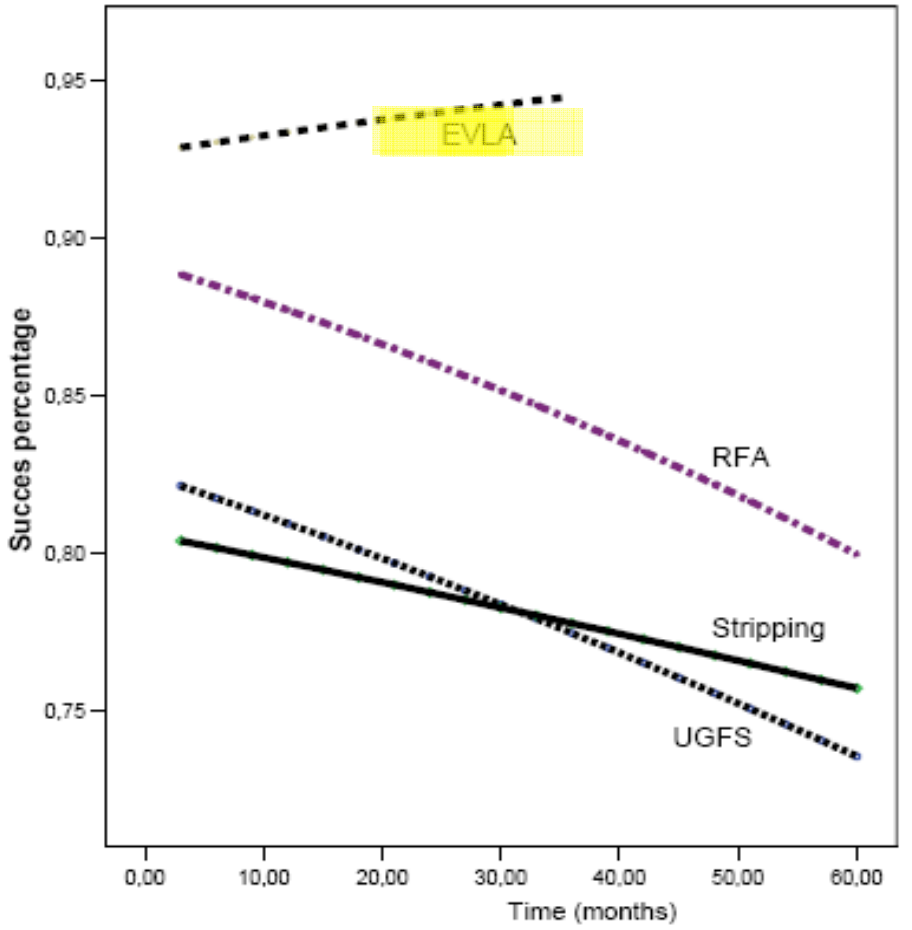

Fig 3. Anatomic success rate for surgical stripping, ultrasound-guided foam sclerotherapy *(UGFS)*, endovenous laser ablation *(EVLA)*, and radiofrequency ablation *(RFA)* in time. The estimated success rates declined significant for stripping ($P = .004$), but no significant negative trend was detected for UGFS ($P = .08$), RFA ($P = .25$), and EVLA ($P = .61$) over time.

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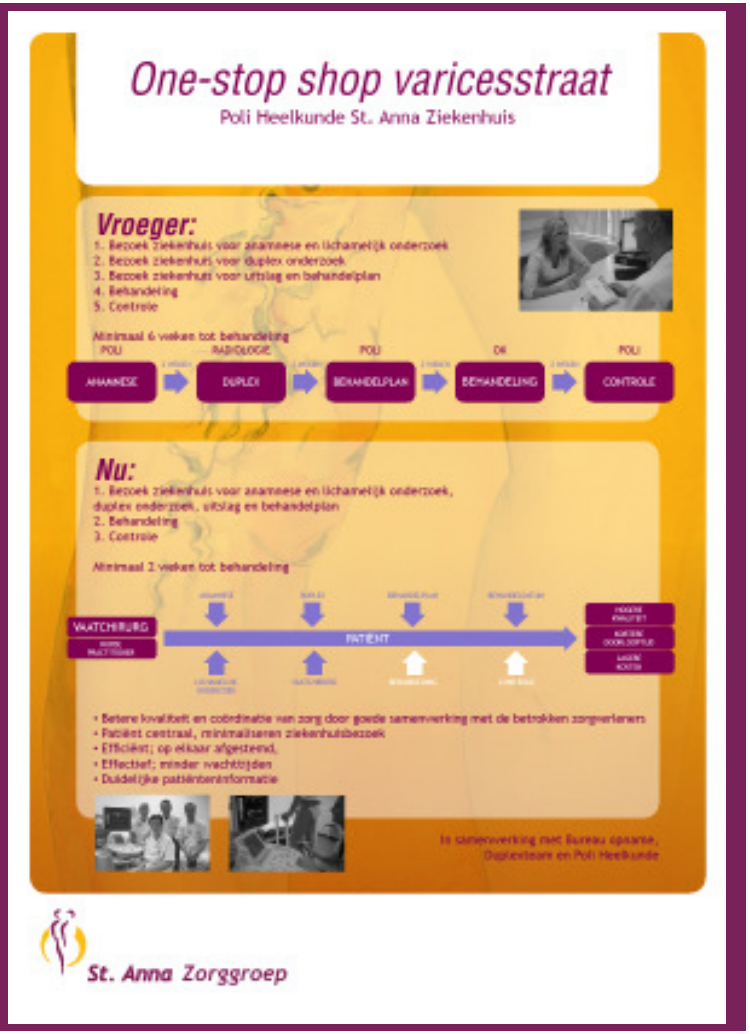

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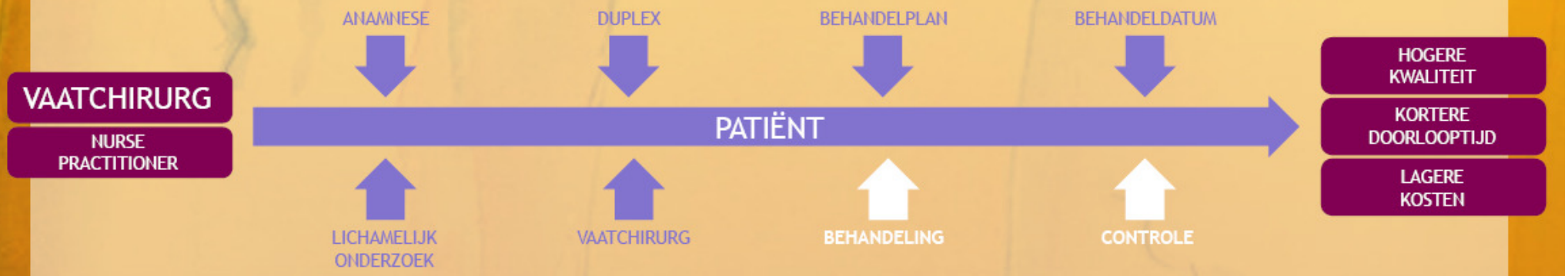
“One-stop shop” varicesspreekuur

1. Bezoek ziekenhuis voor anamnese en lichamelijk onderzoek, duplex onderzoek, uitslag en behandelplan
2. Behandeling
3. Controle

Minimaal 2 weken tot behandeling



- Betere kwaliteit en coördinatie van zorg door goede samenwerking met de betrokken zorgverleners
- Patiënt centraal, minimaliseren ziekenhuisbezoek
- Efficiënt; op elkaar afgestemd,
- Effectief; minder wachttijden
- Duidelijke patiënteninformatie

“One-stop shop” varicesspreekuur

- Patiënt centraal
- Eén polikliniekbezoek

  -anamnese, lichamelijk onderzoek, duplexonderzoek,

  → behandeladvies
- Betere kwaliteit en coördinatie van zorg
- Duidelijke patiënteninformatie
- 3 gecertificeerde vaatchirurgen + nurse practitioner
- Richtlijn “Diagnostiek en behandeling van varices” (2007)

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Toekomst

- Eén loket (vaatchirurg + dermatoloog)
- “One-stop shop” varicesspreekuur lokatie Eindhoven
- Preferred supplier (Achmea)

Toekomst

- Eén loket

Toekomst

- Eén loket (vaatchirurg + dermatoloog)
- “One-stop shop” varicesspreekuur lokatie Eindhoven
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Take-home message

- Voordelen “One-stop shop” varicesspreekuur
- EVLT (VSM / VSP) is superieur

I.C.D.Y.M. Wolf-de Jonge

A.P.A. Oomen

F.Th.P.M. van der Linden