

# Curriculum Vitae - Luuk Smeets

## Education/ Working details

1987-1993	Gymnasium B	OSG Jerusalem, Venray, NL
1993-1997	Master of medicine	University of Utrecht
1997	Scientific intern	British Columbia Children's Hospital, Vancouver, Canada
1998-2000	Intern	University of Utrecht, NL
2000-2002	Surgical resident	St Antonius Hospital, Nieuwegein, NL
2002-2004	Surgical training	University Medical Center Utrecht, NL
2004-2008	Surgical training	Twenteborg Hospital, Almelo, NL
2008-2010	Vascular Surgery Training	Maxima Medical Center, Veldhoven, NL
2010-present	Staff Vascular Surgeon	Rijnstate Hospital, Arnhem, NL

## Thesis

25-11-2005 Remote endarterectomy. Endovascular alternative to bypass surgery.  
University of Utrecht. Promotor; prof dr. F.L. Moll, co-promotor; dr. G.H. Ho.

## Memberships scientific associations:

- Dutch Society of Surgery
  - Working Group Diabetic Foot
  - Working Group on Amputation Issues
- Dutch Society of Vascular Surgery
- European Society for Vascular Surgery
- Association of Diabetic Foot Surgeons
- Diabetic Foot Study Group (of the EASD)
- Federation of Medical Specialists
- Royal Dutch Medical Society (KNMG, Koninklijk Nederlands Medisch Genootschap)
- Dutch Society for Global Health Professionals (NVTG, Nederlandse Vereniging voor Tropische Geneeskunde en Internationale Gezondheidszorg)

## Relevant Courses

- Good Clinical Practice, 2011, recertification course, 2016.
- Teach the Teacher, 2011.
- 2012 Management in Health Care.

### **Contributions on diabetic foot care**

- Organisation of regional “Diabetic Foot Symposium” for 140 participants every two years. Most recent may 15<sup>th</sup> 2019. Also giving presentations/workshops.
- Live webinar on Diabetic Foot, a new multidisciplinary guideline, October 3<sup>rd</sup> 2018. Still available at: [www.mednet.nl/diabetischevoet](http://www.mednet.nl/diabetischevoet).
- Member of the working group on the diabetic foot, on behalf of the Dutch Society of Surgery.

### **Presentations on diabetic foot care**

- Impact of the Introduction of a multidisciplinary diabetic foot team on acute hospital admissions. Posterpresentation, 7<sup>th</sup> international symposium on the Diabetic foot, May 2015, The Hague, The Netherlands.
- Percutaneous flexor tenotomy. Association of Diabetic Foot Surgeons, June 29<sup>th</sup> 2018, London, United Kingdom.
- The Effect of Percutaneous Flexor Tenotomy on Healing and Prevention of Foot Ulcers in Patients with Claw Deformity of the Toe. Posterpresentation, 15<sup>th</sup> annual meeting of the Diabetic Foot Study Group, September 2018, Berlin, Germany.
- Current insight in the Chopart amputation; a multidisciplinary approach. Posterpresentation, 8<sup>th</sup> International Symposium on the Diabetic Foot, May 2019, The Hague, The Netherlands.

### **Current projects on diabetic foot care**

- Assessing the role of denosumab in acute Charcot patients, Rijnstate Hospital.
- Assessing local resistancy patterns in diabetic foot microbiology.

## Publications

1. The ketogenic diet as a treatment of pharmacotherapy-resistant epilepsy: Experiences in Vancouver. *Smeets L en Wiendels D.R.* *Epilepsy Bulletin* 1998; 26,4:130-133.
2. Surgical treatment of iliac occlusions through a single incision in the groin. *Keller BPJA, Borst de GJ, Smeets L, Tejjink JAW, Berg van den JC, Moll FL,* *VNIVD Journal for vascular diagnostics* 2001;14(2).
3. Midterm follow up of balloon-expandable ePTFE endografts in the femoropopliteal segment. *Hagenaars T, Gussenhoven EJ, Smeets L, Moll FL, Buth J, Nevelsteen A, Dijk van LC, Sambeek van MRHM, Urk van H.* *J Endovasc Ther* 2002; 9: 428-435.
4. Remote endarterectomy: First choice in surgical treatment of long segmental SFA occlusive disease? *L. Smeets, Ho GH, Hagenaars T, Berg van den JC, Tejjink JAW, Moll FL.* *Eur J Vasc Endovasc Surg* 2003; 25: 583-589.
5. Remote iliac artery endarterectomy: Seven year results of a less invasive technique for occlusive iliac artery disease. *Smeets L, Borst de GJ, Vries de JP, Berg van den JC, Ho GH, Moll FL.* *J Vasc Surg* 2003; 38: 1297-1304.
6. Radiological guided endarterectomy (with stenting) for femoropopliteal reconstruction. *Smeets L, Ho GH, Moll FL.* In: Branchereau A, Jacobs MJ, editors. *Hybrid Vascular Procedures, European Vascular Course, Amsterdam.* Blackwell publishing, 2004: 197-208.
7. Multicentre study to assess the feasibility of a new covered stent and delivery system in combination with remote superficial femoral artery endarterectomy (RSFAE). *Knight JS, Smeets L, Morris GE, Moll FL.* *Eur J Vasc Endovasc Surg* 2005; 29: 287-294.
8. Outcome after occlusion of infrainguinal bypasses in the Dutch BOA study: comparison of amputation rate in venous and prosthetic grafts. *Smeets L, Ho GH, Tangelder MJD, Algra A, Lawson JA, Eikelboom BC, Moll FL.* *Eur J Vasc Endovasc Surg* 2005; 30: 604-609.
9. Does conversion of intended remote iliac artery endarterectomy alter the early and long-term outcome? *Smeets L, Horn van der G, Ho GH, Berg van den JC, Moll FL.* *Vascular* 2005; 13(6): 336-342.
10. Remote superficial femoral artery endarterectomy and distal aSpire stenting: results of a multinational study at three year follow-up. *Rosenthal D, Martin JD, Smeets L, De Vries JPPM, Gisbertz S, Wellons ED, Moll FL.* *J Cardiovasc Surg (Torino)* 2006; 47(4): 385-91.
11. Bypass failure is worse than debulk failure performed for limb salvage. *Hissink RJ, Smeets L, Vries de JPPM, Moll FL.* *Charing Cross* 2006, pp 281-285.
12. Optimal position of the patient in the catheterization of the subclavian vein. *Biemans JMA, Smeets L, Kelder JC, Heesewijk van JPM, Moll FL, Tejjink JAW.* *Dutch Journal of Medicine* 2007; 151(4): 243-247.
13. Remote endarterectomy for occlusive iliac and superficial femoral artery disease. *Smeets L, Ho GH, Moll FL.* *Future Cardiology* 2007; 3(1): 43-51.
14. Clinical outcome after re-occlusion of initially successful remote endarterectomy of the superficial femoral artery. *Smeets L, Huijbregts HJTAM, Ho GH, Vries de JPPM, Moll FL.* *J of Cardiovasc Surg (Torino)*; 2007 48(3): 309-14.
15. Percutaneous screw fixation versus conservative treatment for fractures of the waist of the scaphoid: a prospective randomised study. *Smeets L, Hegeman JH.* *Dutch Journal of Traumatology* 2008; 2.

16. An endovascular alternative to bypass surgery for severe arteriosclerosis of the pelvic or leg arteries: Remote endarterectomy. *Smeets L*. *Operationeel* 2009-11.
17. Ruptured aneurysm of the internal iliac artery. *Berlage JTM, Smeets L, Prakken WJ*. *Operationeel* 2010-2.
18. Incarcerated appendix in a left femoral hernia. *Vaes, RHD, Scheltinga MRM, Smeets L*. *Dutch Journal of Surgery*. 2010 Mar 9.
19. Sural artery injury with arteriovenous fistula: case report about a rare complication following arthroscopic medial meniscectomy. *In den Kleef NJ, Konings PC, Smeets L*. *J Surg Case Rep* 2015 Feb 4;2015(2)
20. Duplex investigations in children: Are clinical signs in children with venous disorders relevant? *Birgitte Maessen-Visch M, Smeets L, van Vleuten C*. *Phlebology*. 2015 Dec;30(10):719-23.
21. Treatment of an Infrarenal Aneurysm with an Eccentric Calcified Lesion in the Infrarenal Neck Using the Nellix Endoprosthesis. *van den Ham LH, Smeets L, Reijnen MM*. *J Vasc Interv Radiol*. 2016 Feb;27(2):290-3
22. The Nellix™ EndoVascular sealing system in patients with abdominal aortic aneurysms in conjunction with iliac artery occlusive disease. *van Sterkenburg SM, van den Ham LH, Smeets L, Lardenoije JW, Reijnen MM*. *Vascular*. 2017 Apr;25(2):190-195
23. Massive Hematoma after a Rupture of the Descending Scapular Artery: Case Report, *Schepens I, Smeets L*. *Austin J Vasc Med* 3(2): id1019 (2016)
24. 1-Year Results of a Multicenter Randomized Controlled Trial Comparing Heparin-Bonded Endoluminal to Femoropopliteal Bypass. *Reijnen MMPJ, van Walraven LA, Fritschy WM, Lensvelt MMA, Zeebregts CJ, Lemson MS, Wikkeling ORM, Smeets L, Holewijn S*. *JACC Cardiovasc Interv*. 2017 Nov 27;10(22):2320-2331.
25. Hyperbaric Oxygen Therapy in the Treatment of Ischemic Lower- Extremity Ulcers in Patients With Diabetes: Results of the DAMO<sub>2</sub>CLES Multicenter Randomized Clinical Trial. *Santema KTB, Stoekenbroek RM, Koelemay MJW, Reekers JA, van Dortmund LMC, Oomen A, Smeets L, Wever JJ, Legemate DA, Ubbink DT; DAMO2CLES Study Group*. *Diabetes Care*. 2018 Jan;41(1):112-119.
26. The Effect of Percutaneous Flexor Tenotomy on Healing and Prevention of Foot Ulcers in Patients with Claw Deformity of the Toe. *Schmitz P, Scheffer R, De Gier S, Krol R, Smeets L*. Submitted for publication.
27. First clinical results with the Gore® Excluder® Conformable AAA Endoprosthesis. *Zwetsloot J, Reijnen MMPJ, Cuypers PAW, Smeets L, Van Sambeek MRHM*. Submitted for publication.
28. Absorbable antibiotic-loaded calcium sulphate-hydroxyapatite biocomposite to treat diabetic foot osteomyelitis - a nationwide multicentre cohort study. *K. Hutting, J. van Netten, W. ten Cate, L. Smeets, G. Welten, D. Scharn, J. van Baal*. Submitted for publication.
29. Current insight in the Chopart amputation; an update of a multidisciplinary approach. *Prins SN, Huisinga A, Hendricks H, Smeets L*. In progress