

## CURRICULUM VITAE

**Iris Smet**

Date of birth : October 8th 1967.

Place of birth                      Sint-Niklaas (Belgium)

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    B-9100 Sint-Niklaas

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Status                                 Married to William Segers

Children                             Cédric Segers (° 22.05.1997)  
    Jérémy Segers (° 21.04.1999)

### **Education**

- College : Onze Lieve Vrouw Presentatie Sint-Niklaas  
    Education : Latin and Greek  
    Graduated in 1985
  
- University : Catholic University of Leuven , Belgium  
    Education : Doctors degree in medical science, surgery and obstetrics  
    Graduated in 1993 ( cum laude)
  
- Further Education : Educated in Anesthesia & Intensive Care medicine, Pain Therapy in the period of 1993 -- 1998.

### **Working experience**

#### **- Training in Anesthesiology**

\* Aug. 93 - July 96: Resident in training of Anesthesiology and Intensive Care Medicine; Z.O.L. campus St-Jan Genk (Belgium); superv. Dr. R. Heylen.

\* Aug 96 - July 98: Resident in training of Anesthesiology; U.Z. Leuven; superv. Prof. Dr. E. Vandermeersch.

----> **Anesthesiologist** : graduated july 1998 as a specialist in Anesthesiology and Reanimation.

\* **Emergency Medicine** : aug. 1998 – jan. 1999 specialisation in Emergency Medicine by Prof. H. Delooz, KULeuven under supervision of Dr. G. Vundelinckx at Z.O.L., head of departement of emergency medicine, campus St-Jan Genk.

- **NOW Staff Member** : Since feb. 1999 staff member of the department of anesthesiology and Pain Management of the Maria-Middelares hospital, Sint-Niklaas, Belgium. ( now AZ Nikolaas)

\* **Acute Pain** : . Set up and developpement of the Acute Pain Service (APS) in AZ Nikolaas . Responsible anesthesiologist – coordinator of APS ( 2000-2007)

. Posthogeschool –education : yearly participation in the training of reference pain nurses

. Lector at the Katholic – Hogeschool Sint-Lieven in the field of anesthesiology and paintherapy.

. In-service training and refresher-courses for the nursing departement of our hospital.

. 16 nov. 2000 : presentation of the postoperative painprotocol in the LOK surgery

. 12 june 2002 : lecture on postoperative analgesia (PCEA / PCIA),postoperative painprotocol for departement of anaesthesiology in Roeselare

. 04 dec. 2002 : lecture on postoperative painmanagement; Augustinus-hospital Wilrijk

\* **Chronic Pain** : Staffmember of the multidisciplinar paincenter at the A.Z. Nikolaas hospital ( campus Maria Middelares ) in St.-Niklaas , were we focus on radiofrequency-

techniques and neuromodulation ( spinal cord stimulation and intrathecal drug delivery systems ). Full-time paintherapy since January 2008

\* ECMT training and education : presentation and live demonstration of neuromodulation cases. Yearly faculty member of ECMT – workshop in Brussels for advanced users with hands –on cadavers : neuromodulation therapies for the treatment of chronic pain since 2001.

### **Further Information**

#### **- Special Credits**

\*March 93: Clinical comparative study between the Hendlerscreeningtest and the Minnesota Multiphasic Personality Inventory in chronic low back pain-patients. Superv. Dr. G. Vermaut.

\*Jan. 94: Lecture on "Anesthesiology and Epilepsy" at the Z.O.L. campus St-Jan Genk. Superv. Dr. R. Heylen.

\*Nov.93 - Feb. 94: Clinical double blind study of granisetron in the treatment of postoperative nausea and vomiting in patients undergoing surgery under general anaesthesia. Superv. Dr. R. Heylen.

\*Jan. 95: Lecture on " Anesthesiology and ACE - inhibitors" at the Z.O.L. campus St-Jan Genk; Superv. Dr. R. Heylen.

\*Apr.95 - Dec. 95: Clinical study about the comparison between target controlled infusion and manual infusion of diprivan;Superv. Dr. L. Van Keer.

\*June 96: Lecture on " Allergy and Anaphylaxis in Anesthesiology" at the Z.O.L. campus St- Jan Genk. Superv. Dr. R. Heylen.

\*Jan96 - July96: POINT - study: Post-operative Oral and Injectable NSAID Trial; Superv. Dr.R. Heylen.

\* Jan 2006 : lecture on the annual ECMT cadavercourse : indications and use of rechargeable technology in SCS

\*2000-2008 : co-investigator of several studies and multicenter studies on neuromodulation ( restore, PTM, intrathecal catheters.....)

\* May 2009 : Springsymposium MPC AZ Nikolaas : Lecture : Interventional techniques in the treatment of headache

\* Oct 2009 : Lecture on the annual meeting of the Hungarian pain Society , Budapest : Occipital nerve stimulation for craniofacial pain

\* Oct 2009 : Co-investigator of the European Prospective Study with the high frequency implantable system ( ongoing study)

\* Dec 2010 : NANS 2010 Las Vegas : lecture on European Prospective study with the high frequency implantable system

2010 -2012 : co-investigator of the clinical study with dorsal root ganglion stimulation

2010 - 2012 : co-investigator of the clinical study with neuromuscular electrical stimulation for chronic back pain in non-operated patients

\* Dec 2011 : NANS 2011 Las Vegas : lecture on 12 months follow up data of the European study with high frequency neurostimulation

\* September 5th 2016, ICH - GCP Training : Certificate of Completion.

-Publications :

\* Iris G.G. Smet, M.D., Marcel P. Vercauteren, M.D., Ph.D., Raf F. De Jongh, M.D., Guy J.M. Vundelinckx, M.D., and René J. Heylen, M.D., Ph.D. :  
*" Pressure Sores as a Complication of Patient-Controlled Analgesia After Cesarean Delivery "*  
Regional Anesthesia Vol.21 No. 3 May-June 1996.

\*Effectiveness of an Acute Pain Service Insertion in a General Hospital  
E Vlaeminck, I smet, A Dierickx, JP Van Buyten, P Vueghs, H Fannes, L. Vanduffel  
Poster at the 2<sup>nd</sup> World Congress of World Institution of Pain Istanbul June 26-29 2001

\*De Impact van een Pijnprotocol op de pijnbeleving van postoperatieve patienten in een algemeen ziekenhuis  
E Vlaminck; I. Smet; A. Dierickx; L. Vanduffel; JP Van Buyten  
Hospitalia

\* Jean-Pierre Van Buyten, M.D., Iris Smet, M.D., Erik Van de Kelft, M.D. : “ *A Percutaneous Technique in the treatment of Trigeminal neuralgia more precise and safer trough EM-navigation : the first time in the world to get this !* “  
Neuron Vol. 9 No. 7 November 2004.

\* Iris Smet, M.D; Erik Vlaminck; Marcel Vercauteren, Ph.D : “ *Randomized controlled trial of patient-controlled epidural analgesia after orthopedic surgery with sufentanyl and ropivacain 0,165 % or levobupivacain 0,125 %* “  
British Journal of Anaesthesia 2008 : 100 : 99-103

\* Erik Vlaminck, Iris Smet, Adelheid Dierickx, Luc Vanduffel, JP Van Buyten : “ *De impact van een pijnprotocol op de pijnbeleving van postoperatieve patiënten in een algemeen ziekenhuis*”  
Hospitalia, 2004

\* Van Buyten JP, Smet I, Vandekelft E : “ *Percutane techniek voor behandeling van trigeminusneuralgie wordt precieser en veiliger door het gebruik van nieuwe electromagnetische navigatietechnologie*”  
Neuron, november 2004

\* Van Buyten JP, Smet I, Vandekelft E : “ *Electromagnetic Navigation Technology for more precise electrode placement in the foramen ovale : a technical note*”  
Neuromodulation Vol 12; number 3; 245-249 2009

\* The Phenotype of patients responsive to occipital nerve stimulation for refractory head pain. Koen Paemeleire\*; Jean-Pierre Van Buyten\*; Machteld Van Buynder; Iris Smet; Peter Goadsby  
*Cephalgia* 2010 Vol 30, Issue 6

\* High Frequency Spinal Cord Stimulation for the Treatment of Chronic Back Pain Patients: Results of a Prospective Multicenter European Clinical Study  
Running title: High Frequency Spinal Cord Stimulation  
Jean-Pierre Van Buyten, MD1\*, Adnan Al-Kaisy, MD2\*, Iris Smet, MD1, Stefano Palmisani, MD2, Thomas Smith, MD2  
Neuromodulation 2013 ; 16: 59-66

\* A Multicenter, Prospective Trial to Assess safety and Performance of the Spinal Modulation Neurostimulator system in the Treatment of Chronic Pain  
Liong Liem MD, Marc Russo, Frank Huyghen, Jean-Pierre Van Buyten, Iris Smet, Paul Verrills, Michael Cousins. Charlse Brooker, Robert Levy, Tim Deer, Jeffery Kramer  
Neuromodulation 2013

\* Sustained Effectiveness of 10 kHz High-Frequency Spinal Cord Stimulation for Patient with Chronic Predominant Back Pain: 24-Month Results of the Prospective Multicenter European Study

Adnan Al-Kaisy<sup>1\*</sup>, Jean-Pierre Van Buyten<sup>2\*</sup>, Iris Smet<sup>2</sup>, Stefano Palmisani<sup>1</sup>, David Pang<sup>1</sup>, Thomas Smith<sup>1</sup> Pain Medicine 2013

\* Stimulation of the Dorsal Root Ganglion for management of Complex Regional Pain Syndrome: a prospective case series Jean-Pierre Van Buyten MD, Iris Smet MD, Liong Liem MD, Marc Russo MD Frank Huygen MD *Pain Practice Volume 15, Issue 3...*, 2015 208-216

\* Lack of body positional effects on paresthesias when stimulating the dorsal root ganglion in the treatment of chronic pain

Jeffrey Kramer; Liong Liem; Marc Russo; Fran Huygen; Iris Smet; Jean-Pierre Van Buyten *Neuromodulation* 09/2014; 18(1)

\* Chronic Low Back Pain: Restoration of Dynamic Stability

Kristiaan Deckers, MD\*; Kris De Smedt, MD†; Jean-Pierre van Buyten, MD‡; Iris Smet, MD‡; Sam Eldabe, MD§; Ashish Gulve, MD§; Ganesan Baranidharan, MD¶; José de Andrés, MD, PhD\*\*; Chris Gilligan, MD††; Kristen Jaax, MD, PhD‡‡; Jan Pieter Heemels, MS‡‡; Peter Crosby, MS‡‡

*Neuromodulation* 2015 ( onlinelibrary.wiley.com) DOI:10.1111/ner.12275

#### -Poster :

E. Vlaminck<sup>°</sup>, I. Smet MD<sup>°</sup>, A. Dierickx<sup>\*</sup>, L. Vanduffel MD<sup>°</sup>, JP. Van Buyten MD<sup>°</sup>, P. Vueghs MD<sup>°</sup>, H. Fannes MD<sup>°</sup> :

“ *The effectiveness of an Acute Pain Service in a general hospital*”

Dept. Of Anesthesiology & Pain management (°) and dept. Of Quality care (\*)  
A.Z. Middelares, Sint-Niklaas, Belgium.

Presented at the second World congress of the Institute of Pain (WIP), Istanbul june 27-30 2001.

#### -Abstracts :

\* “ Long-term Outcomes of High-Frequency Spinal Cord Stimulation ( HF-SCS) at 10kHz in the Treatment of Chronic Intractable Back and Leg Pain in Routine Practice “ I Smet , J-P Van Buyten. NANS Jan 2017

### **Membership Scientific Societies**

BVAR : Belgian Association for Anesthesia-Reanimation

ESRA : European Society Regional Anesthesia

BPS : Belgian Pain Society

VAVP : Flemish Pain Society for paintherapists

BNS : Benelux Neuromodulation Society, chapter of the INS (International Neuromodulation Society) . Boardmember 2008 - 2010 (treasurer)

### **Other activities**

Member of the Soroptimist Land Van Waas (service-club) since 2005 , boardmember 2006-2007 , 2009-2010, 2010-2011.

### **Languages**

Dutch : fluently

French : fluently

English : fluently

German : passively