

Curriculum Vitae L.J.L.M. Jordaens – september 2020

Name Luc Jozef L.M. Jordaens



Email luc.jordaens@chirec.be - private: luc.jordaens@yahoo.com

Website www.jordaens.be

Present appointment Electrophysiologist at Brussels CHIREC; Honorary professorship at Erasmus MC Rotterdam, The Netherlands; Gastprofessor at Ghent University Hospital;

Summary **Overview of studies, training and former position**

Luc J.L.M. Jordaens, born in Essen (Belgium) on 10.1.1954, studied in Antwerp and Ghent (1979 medical doctor); specialist in Cardiology since 1984. He obtained in Ghent a *biomedical doctorate* in 1987 (DrSc) and an *aggregation thesis* (PhD) in 1990 (Studies in patients with life-threatening ventricular tachyarrhythmias). After being chairman of the Belgian Society, an appointment as associate professor in the academic staff in Ghent, and elected member of the Faculty, he became associate professor in the Erasmus Medical Centre in Rotterdam, the Netherlands in 1999, to be appointed as full professor (Professor of Experimental and Clinical Electrophysiology - Hoogleraar) in 2004, becoming a permanent position in 2012. He was leading the Department of Clinical Electrophysiology in the Erasmus MC in Rotterdam till December 31st 2012. He was actively involved in trial organisation and responsible for the scientific output of this department.

Research

He worked on low-energy shock ablation and introduced ICD therapy and radiofrequency ablation in Belgium. The first ICD implantations in a cath lab in Europe were performed under his direction, as was the case with the first subcutaneous ICD in Europe. Recently he was involved in developing Cryotherapy as a primary ablation tool, and worked on new concepts for defibrillation.

He published on pacing, electrocardiography, invasive and non-invasive electrophysiology, sudden death, atrial fibrillation and imaging in this field (more than 720 publications, of which more than 340 in Pub Med, more than 30 book chapters, and 4 books). Involved in early guidelines on ICD, AF and recent guidelines on catheter ablation of AF. Actual h-index: >45.

Other activities

He was active as treasurer of the BWGPE (now BEHRA), secretary and chairman of the Belgian Society of Cardiology, Nucleus Member of the European WGA, and was co-Editor (now Deputy Editor) of EP - Europace since its foundation till 2019. He gave more than 800 lectures at national and international meetings, and was chairing at more than 200 occasions. EHRA Board 2020-2022

Teaching

More than 12 PhD students had their promotion under his direction. He remains honorary professor at Erasmus MC.

More than 30 clinicians were trained in clinical EP under his guidance.

Actual position

He has realised the first implant of the subcutaneous ICD in Belgium in Ghent University Hospital.

From February 1st 2013, he is 7/10th appointed in what was the Brussels Heart Centre (joint St Jan, Brussels and CHIREC, Delta) as electrophysiologist, where he focuses on complex ablation and cryoablation. Dedicated arrhythmia consultation and clinical EP in CHIREC Delta. Collaboration with the VUB team for ablation. His bundle pacing and CRT.

MEDICAL STUDIES AND DEGREES:

Bachelor in Medical Sciences: State University Antwerp 1975 ("Onderscheiding")

Doctor in Medicine (MD): State University Ghent; July 5th, 1979 ("Grote onderscheiding")

Specific Education for General Medicine 1977-1978 (RU Ghent)

Biomedical Doctorate (DrSc): "De plaats van elektrofysiologisch onderzoek bij de diagnose en behandeling van ritme- en geleidingsstoornissen". "Grootste Onderscheiding", State University of Ghent, March 25th, 1987.

Aggregation Thesis (PhD): Studies in patients with life-threatening ventricular tachyarrhythmias; State University of Ghent, 1990.

Public Lesson: Thrombolysse bij acuut myocardinfarct. October 4th, 1990

Public Lesson at Erasmus University, Rotterdam: Organise Chaos! April, 14th 2005

Academic Appointments:

- Lector RUGent, 1991-1992
- Hoofddocent RUGent (Ass. Professor), October 1993
- Visiting Academic, St Georges Hospital London, October-December 1997
- Docent Erasmus University Rotterdam, June 1998
- Universitair Hoofddocent, Erasmus MC, July 2003
- Buitengewoon Hoogleraar (Full Professor), Erasmus MC, October 2004
- Gewoon Hoogleraar, Erasmus MC, 1 October 2012 till 31-12-2012
- Honorair Hoogleraar, Erasmus MC, 1 January 2013 -
- Professor in Internal Medicine, Cardiology, Ghent 1 October 2013 -2020

Licences:

Licensed physician in the Netherlands (till 2017) and Belgium

Cardiologist (Belgian) – accreditation til July 2020

Rehabilitation cardiologist (Belgian recognition)

Intensive care physician (Belgian, expired)

Membership of scientific societies:

National

- Belgian Society for Cardiology (Secretary 1995-1997, President 1997-1999)
- Belgian Working Group for Pacing and Electrophysiology (BEHRA) - Treasurer

International (current memberships)

- Fellow of the European Society for Cardiology
- HRS member
- Member of the European Heart Rhythm Association (EHRA); nominating Committee 2020-22
- ECAS member

Consultant for the Dutch, Belgian and British Health care system

- Rapporteur Geneesmiddelencommissie 1998
- Fonds Wetenschappelijk Onderzoek Vlaanderen – Foreign expert 2008-2012
- K.C.E. (Belgian Federal Ministry of Health, Brussels) -
- C.V.Z. (Dutch official institute for Health Care assessment, Diemen), ZonMW (2017)
- Reviewer for the British Department of Health (2015)

Activity in Journals:

- **Deputy Editor Europace (EP)** - since the beginning of the journal till 2019 **Impact Factor > 6**
- **Editorial Board member** : Tijdschrift voor Cardiologie, Acta Cardiologica, Netherlands Heart Journal
- **Reviewer for**: Acta Cardiologica, AJC, Circulation, Circulation arrhythmia, European Heart Journal, EP – Europace, Heart, IJC, JACC, JCE, PACE, Netherlands Heart Journal

Awards: Fellowship Council of Europe, 1987: Substrate and predictability of VT and Sudden death. Bert Thalen Lecture and Award (NHRA, December 5th, 2015): Arrhythmogenesis revisited