



## Curriculum Vitae

Personal information **Wouter Oosterlinck**

Work experience

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01/08/2015 – CURRENT – Leuven, Belgium

**CARDIAC SURGEON – UZ Leuven**

Cardiac surgeon with a specific interest in endocarditis, coronary bypass and minimal invasive surgery

Assisting professor with research area in small and large animal models with cardiac diseases and teaching Cardiovascular

Disease course to international 1e master students

Education and training

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01/10/2000 – 30/06/2007 – Herestraat 49, Leuven, Belgium

**MEDICAL DOCTOR – KU Leuven**

Highest distinction

01/10/2007 – 01/10/2014 – Herestraat 49, Leuven, Belgium

**GENERAL SURGEON – KU Leuven**

01/10/2008 – 02/07/2015 – Herestraat 49, Leuven, Belgium

**PHD IN POSTCONDITIONING THE HEART IN DIABETES AND THE METABOLIC SYNDROME: FUNCTIONAL AND THERAPEUTIC IMPLICATIONS IN EXPERIMENTAL MOUSE MODELS – KU Leuven**

03/03/2020 – 01/07/2020 – Herestraat 49, Leuven, Belgium

**FELASA C – KU Leuven**

25/06/2007 – 25/06/2007 – Herestraat 49, Leuven, Belgium

**ECG – KU Leuven**

29/06/2007 – 29/06/2007 – Herestraat 49, Leuven, Belgium

**RADIOPROTECTION AND DOSIMETRY – KU Leuven**

Additional information

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Publications

**ROBOTIC ASSISTED SURGERY IN TIMES OF COVID-19**

VAN DEN EYNDE J, DE GROOTE S, VAN LERBERGHE R, VAN DEN EYNDE R, OOSTERLINCK W. CARDIOTHORACIC ROBOT  
2020

**SKELETONISATION CONTRIBUTING TO A REDUCTION OF STERNAL WOUND COMPLICATIONS: A RETROSPECTIVE STUDY IN OPCAB PATIENTS**

VAN DEN EYNDE, J., HEEREN, A., SZECEL, D., MEURIS, B., JACOBS, S.,  
VERBRUGGHE, P., OOSTERLINCK, W.  
2019

**ASSESSMENT OF PHYSICAL ACTIVITY BY WEARABLE TECHNOLOGY DURING REHABILITATION AFTER CARDIAC SURGERY: EXPLORATIVE PROSPECTIVE MONOCENTRIC OBSERVATIONAL COHORT STUDY.**

Thijs, I., Fresiello, L., Oosterlinck, W., Sinnaeve, P., Rega, F. (2019). Assessment of Physical Activity by Wearable Technology During Rehabilitation After Cardiac Surgery: Explorative Prospective Monocentric Observational Cohort Study. *JMIR MHEALTH AND UHEALTH*, 7 (1), Art.No. ARTN e9865

Thijs, I., Fresiello, L., Oosterlinck, W., Sinnaeve, P., Rega, F. (2019). Assessment of Physical Activity by Wearable Technology During Rehabilitation After Cardiac Surgery: Explorative Prospective Monocentric Observational Cohort Study. *JMIR MHEALTH AND UHEALTH*, 7 (1), Art.No. ARTN e9865

**ACE-INHIBITION INDUCES A CARDIOPROTECTIVE TRANSCRIPTIONAL RESPONSE IN THE METABOLIC SYNDROME HEART**

2018

Yakubova, A., Thorrez, L., Svetlichnyy, D., Zwarts, L., Vulsteke, V., Laenen, G., Oosterlinck, W., Moreau, Y., Dehaspe, L., Van Houdt, J., Cortes-Calabuig, A., De Moor, B., Callaerts, P., Herijgers, P., Thorrez, L. (joint first author), Yakubova, A. (joint first author) (2018). ACE-inhibition induces a cardioprotective transcriptional response in the metabolic syndrome heart. *SCIENTIFIC REPORTS*, 8, Art.No. ARTN 16169.

SCIENTIFIC REPORTS, 8, Art.No. ARTN 16169.

**THE HUMAN SOMATOSTATIN RECEPTOR TYPE 2 AS AN IMAGING AND SUICIDE REPORTER GENE FOR PLURIPOTENT STEM CELL-DERIVED THERAPY OF MYOCARDIAL INFARCTION**

2018

Neyrinck, K., Breuls, N., Holvoet, B., Oosterlinck, W., Wolfs, E., Vanbilloen, H., Gheysens, O., Duelen, R., Gsell, W.,

Lambrichts, I., Himmelreich, U., Verfaillie, C., Sampaolesi, M., Deroose, C. (2018). The human somatostatin receptor type 2

as an imaging and suicide reporter gene for pluripotent stem cell-derived therapy of myocardial infarction. *Theranostics*, 8

(10), 2799-2813.

**PACKAGING OF IMPLANTABLE ACCELEROMETERS TO MONITOR EPICARDIAL AND ENDOCARDIAL WALL MOTION.**

2017

Brancato, L., Weydts, T., Oosterlinck, W., Herijgers, P., Puers, B. (2017). Packaging of implantable accelerometers to monitor epicardial and endocardial wall motion. *Biomedical Microdevices*, 19, Art.No. 52.

**SUCCESSFUL REPOSITIONING OF LEADLESS CARDIAC PACEMAKER DURING OPEN HEART SURGERY**

2017

Garweg, C., Ector, J., Oosterlinck, W., Willems, R., Herijgers, P. (2017). Successful repositioning of leadless cardiac pacemaker during open heart surgery. *Acta Cardiologica*, 72 (4), 503-504.

**DIABETES MELLITUS AND THE METABOLIC SYNDROME DO NOT ABOLISH, BUT MIGHT REDUCE, THE CARDIOPROTECTIVE EFFECT OF ISCHEMIC POSTCONDITIONING.**

2013

Oosterlinck, W., Dresselaers, T., Geldhof, V., Nevelsteen, I., Janssens, S., Himmelreich, U., Herijgers, P. (2013). Diabetes mellitus and the metabolic syndrome do not abolish, but might reduce, the cardioprotective effect of ischemic postconditioning. *Journal of Thoracic and Cardiovascular Surgery*, 145 (6), Art.No. 10.1016/j.jtcvs.2013.02.016, 1595-1602

### **LONG-TERM RESULTS WITH A STENTLESS PORCINE AORTIC VALVE: THE EDWARDS PRIMA MODEL 2500**

2009

Oosterlinck, W., Meuris, B., Herregods, M-C., Vandeplass, A., Daenen, W., Flameng, W., Herijgers, P. (2009). Long-Term Results with a Stentless Porcine Aortic Valve: The Edwards PRIMA Model 2500. *The Journal of Heart Valve Disease*, 18 (2), 198-206.

**Projects** 01/10/2019 – CURRENT

**Center of excellence in minimally invasive robotically assisted coronary artery bypass grafting**

2018 – CURRENT

**Testing and development of wireless pacemaker with energy harvester**

**Memberships**

**Other Relevant Information**

**Honours and Awards**

2010

**Prijs Pr. Gruwez best abstract: Ischemische postconditioning beschermt het hart in experimentele modellen voor diabetes mellitus type 2 en het metabool syndroom en verhindert pathologische remodelering. – KU Leuven**

Oosterlinck W., Vanderper A., Dresselaers T., Geldhof V., Vandenwijngaert S., Pellens M., Vanden Driessche N., Janssens S., Himmelreich U., Flameng W., Herijgers P. Ischemische postconditioning beschermt het hart in experimentele modellen voor diabetes mellitus type 2 en het metabool syndroom en verhindert pathologische remodelering. Prijs Pr. Gruwez voor beste abstract, Resident's Seminar 2010

30/11/2013

**Laureaat Prijs Pr. A. Lacquet ter bevordering van de Heelkunde, uitgereikt door de Koninklijke Academie Van Geneeskunde – Koninklijke Academie Van Geneeskunde**

Oosterlinck W., Dresselaers T., Geldhof V., Nevelsteen I., Janssens S., Himmelreich U., Herijgers P. Postconditioning protects the heart in experimental mice models of diabetes mellitus II and the metabolic syndrome. Laureaat Prijs Pr. A. Lacquet ter bevordering van de Heelkunde, uitgereikt door de Koninklijke Academie Van Geneeskunde, 30/11/2013