

CURRICULUM VITAE : Bart MEURIS

Bart MEURIS

Born: Lier, Belgium, °1/4/73

Married to Goedele BOLLEN

Children: Arthur (°22/4/03), Helena (°17/7/2005), Louis (°07/05/07)

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- Education
 - 1991-1998: Medical studies, Katholieke Universiteit Leuven (KUL)
 - 1999-2001: Junior-investigator FWO-grant (Lab Experimental Cardiac Surgery, KUL)
 - 2000: Certificate in Biostatistics, KUL
 - 2006: Cardiac Surgery license
 - 2007: PhD in Medical Sciences (KUL) ‘*Calcification of aortic wall tissue in prosthetic heart valves*’
 - 2007-2012: Assistant Professor, Dept. Cardiovascular Diseases, Faculty of Medicine, KUL
 - 2012-2016: Associate Professor, Dept. Cardiovascular Diseases, Faculty of Medicine, KUL
 - 2017-2018: Vlerick Business school: Management for the hospital professional, all modules
- Current positions
 - **Staff member Cardiac Surgery**, University Hospitals Leuven
 - All adult cardiac surgery (mainly valve and aortic surgery)
 - **Director, Lab for Experimental Cardiac Surgery**, KUL
 - **Full Professor**, Dept. Cardiovascular Diseases, Faculty of Medicine, KUL
 - Various teaching assignments at KUL faculties
 - Promotor and co-promotor of various PhD students
- Publications, presentations
 - Peer-reviewed full papers (update January 2024):
 - **N=184, with 4.916 citations, h-index 33**
- Scientific awards (international only)
 - 2003: Society of Heart Valve Disease, Young Investigators Award
 - 2005: European Association for Cardio-thoracic Surgery, Young Investigators Award
 - 2020: PCR London Valves, Best Innovation

- Active memberships
 - American Association for Thoracic Surgery (AATS)
 - Belgian Association for Cardio-thoracic Surgery (BACTS)
 - European Association for Cardio-thoracic Surgery (EACTS)
 - Society of Thoracic Surgeons (STS)
 - Heart Valve Society (HVS)
- Board membership
 - EU SHD coalition (<https://structuralheartdiseasecoalition.eu>)
 - SVD Board on AVR Database
- Editorial Board Memberships
 - Multimedia Manual Cardio-Thoracic Surgery (MMCTS, Oxford Journals)
 - Reviewer for STS Annual meeting
 - Medical Journal of Cell Biology
 - Associate Editor, Heart Valve Disease, section within Frontiers in Cardiovascular Medicine
 - Advisory Board, Framingham on Surgical Structural Heart Diseases
- Consultant / Lecturer / Scientific Advisory Board member for:
 - Edwards Lifesciences, LivaNova, Anteris, Xeltis, Novostia, Corcym, Medtronic
- Clinical trials
 - Initiated by medical industry
 - Principal Investigator for multi-center studies
 - Edwards Lifesciences INDURE study, ongoing.
 - Corcym MANTRA study, ongoing.
 - Principal Investigator
 - Sorin Perceval CAVALIER study, finalized.
 - Biostable HAART ring Pilot trial, ***First-in man trial***, finalized.
 - Biostable HAART ring Extended trial, finalized.
 - Anteris CTRS trial, ***First-in-man trial***, finalized.
 - Anteris ADAPT 3D ALR, ***First-in-man trial***, finalized.
 - Corcym MANTRA study, ongoing.
 - Co-Investigator
 - Sorin Perceval PILOT trial, ***First-in-man trial***, finalized.
 - Sorin Perceval PIVOTAL trial, finalized.
 - Merck MRSA vaccination study, finalized.
 - Boehringer Ingelheim RE-ALIGN (Dabigatran) trial, finalized.
 - Confluent Veriset Hemostatic patch study, finalized.
 - Bayer COMPASS trial (rivaroxaban), finalized.
 - Abbott EXCEL trial, finalized.
 - Steering committee
 - LivaNova PERSIST trial, finalized.
 - Novostia PILATUS trial, ***First-in-man trial***, ongoing.

- Own clinical research
 - ACE Registry on Medtronic Avalor valve, ongoing.
 - Heart Valve Society (HVS) - Aortic Valve Database, ongoing.
 - Population Health Research REVIVAL study, ongoing.
 - Acoustic analysis of mechanical heart valve sounds (cooperation with Soundtalks Inc)
 - 4D-imaging of ascending aortic aneurysms (cooperation with Materialise Inc).
- Experimental research
 - Initiated by medical industry
 - Long-term animal experiments for product evaluation for various companies, eg.
 - Edwards Lifesciences (USA)
 - Corcym (Italy)
 - Boston Scientific (USA)
 - Anteris (Australia)
 - Novostia (Switzerland)
 - Aortech (UK)
 - Funded projects
 - FP7 project, “Heart E-gel”: <http://www.heartegel.eu>
 - Poly-urethane heart valve, cooperation with Istituto di Fisiologia Clinica, Massa, Italy
 - Bio-nano-cellulose valve, cooperation with Gdansk University, Poland
 - SimInSitu project: European consortium with Horizon 2020 funding
- Surgical proctor for:
 - Livanova: proctored implantations of the Sorin Perceval sutureless valve in various hospitals worldwide.
 - Anteris: proctor for the use of CardioCel in complete tri-leaflet aortic valve reconstruction.
- Funding (national or European government)
 - FWO (2017-2021) 1S56317 N: € 0.16 Mio
 - Horizon 2020, SimInSitu project: € 0.85 Mio