

Associate Professor **Alessandro Della Corte**, MD, PhD  
CURRICULUM VITAE short version

## EDUCATION and TRAINING

- Classical studies high school diploma achieved in 1994 (full grades).
- Degree in Medicine and Surgery in 1999, full grades;
- Postgraduate Diploma in Cardiac Surgery in 2004 with full grades.
- PhD Degree in “Medical and Surgical Physiopathology of the Cardiorespiratory System and Associated Biotechnologies” in 2008 with top-class grades

## CAREER

- Professional Qualification for Medical Practice in 1999 with first-class honours.
- 1999-2004: course of Postgraduate Specialty Training in Cardiac Surgery at the Adult Cardiac Surgery Unit of the Monaldi Hospital, Cardiac Surgery School of the Second University of Naples, Italy
- 2006-2014: Assistant Professor of Cardiac Surgery at the Medical School of the SUN.
- 2007-: clinical activity as Staff Surgeon in the Cardiac Surgery Unit of the Dept. of Cardiovascular Surgery and Transplant at the Monaldi Hospital, Naples, Italy.
- 2014-: Associate Professor of Cardiac Surgery at the Medical School of the SUN.
- 2020: National Certification as Full Professor in Cardiac Surgery

## SCIENTIFIC RESEARCH and RELATED ACTIVITIES

Since 1999 research promoting, conducting and/or coordinating scientific studies, mainly on the topics:

- bicuspid aortic valve and ascending aorta diseases,
- aortic dissection,
- anticoagulation issues for patients with heart valve prostheses,
- infective valve endocarditis,
- post-surgical mediastinitis
- performance of mechanical valve prostheses

Products of this activity are listed below (items 1-7).

### 1. SUCCESSFUL GRANT APPLICATIONS (projects)

- PI or Member of a Research Unit in 8 national call projects cofounded by the Italian Ministry of University and Research or Ministry of Health in 2002, 2003, 2006, 2009, 2012, 2019, 2023
- Currently running two “PRIN” projects cofounded by the Italian Ministry of University in collaboration with other Centers in Italy

### 2. PUBLICATIONS

- Authorship in about 350 publications:
  - >190 articles in peer reviewed scientific journals
  - 5 monographies with national or international distribution
  - editor of 1 monographic e-book on bicuspid aortic valve aortopathy
  - >150 abstracts of congress presentations
  - coauthor of two international consensus documents (2018 AATS – **consensus guidelines** for surgery of the bicuspid aortic valve and aortopathy; 2021 **consensus document** on nomenclature and classification of the bicuspid aortic valve and related aortopathy)
  - coauthor of the **EACTS/STS Guidelines** for Diagnosing and Treating Acute and Chronic Syndromes of the Aortic Organ (2024)
- h-index = 41

### 3. SCIENTIFIC MEETINGS:

- Scientific Committee Member in both local and international Meetings including: several international meetings held in Naples Italy on Aortic Diseases and Surgery; the International Meeting on Aortic Disease, Liège, Belgium (all latest editions since 2012); an AHA Scientific Session entitled “Bicuspid Aortic Valve Disease: Old Disease, New Ideas and Therapies” in 2014; Member of the Scientific Advisory Board of the International Academy of Cardiology, Boston 2017 and 2018; participation in the preparation of the scientific programme of the EACTS Annual Scientific Meeting since 2022 with session proposals

- Faculty Member in more than 100 past Scientific Meetings, including: Interactive Course “Aortic Valve Repair: a step by step approach”, at the “Institut Mutualiste Montsouris”, Paris, France, February 2014; Euro-Echo Imaging; several EACTS Annual Meetings since 2012; EuroValve 2015; European Society of Cardiology (ESC) Congress 2015

#### 4. REFEREE FOR PEER-REVIEW SCIENTIFIC JOURNALS including:

- Circulation;
- Circulation Research;
- Journal of the American College of Cardiology;
- JACC – Cardiovascular Imaging;
- European Heart Journal;
- European Journal of Cardiothoracic Surgery;
- Heart;
- International Journal of Cardiology;
- Annals of Thoracic Surgery;
- Journal of Thoracic and Cardiovascular Surgery; and others

#### 5. OTHER REFEREE/EDITOR ACTIVITIES

- Invited referee for the European Research Council (**ERC**) in the evaluation of Starting Grants, Call 2015
- Reviewer for the Scientific Programme of the Annual EACTS (European Association for CardioThoracic Surgery) meeting
- Reviewer for the Italian Ministry of Research: evaluation of scientific projects proposed for ministerial co-funding and of scientific works for Research Quality Evaluation

#### 6. INVOLVEMENT IN INTERNATIONAL RESEARCH GROUPS

- International Bicuspid Aortic Valve Consortium (**BAVCon**; PI: Dr S.C. Body, Harvard University, Brigham and Women Hospital, Boston, MA): Steering Committee member, local PI and co-leader of the Publication Committee.
- International Aortic Arch Surgery Study Group (IAASG; PI: Prof. T.D. Yan, Sydney, Australia): local PI.
- European Multicenter Study on Coronary Artery Bypass Grafting (E-CABG registry; PI: Prof. F. Biancari, Houlou, Finland).
- International Registry of Aortic Dissection (IRAD; PI: Prof. K. Eagle, Ann Arbor, MI).
- Member of the **EACTS Task Force** for Connective Tissue Disorders (2018-2022)
- Current Member of the **EACTS Task Force** for Aortic Valve including Aortic Valve Repair (2023-2026)
- Member of the Basic/Translational Working Group of the GenTAC Alliance (PI: Prof. K. Eagle, Ann Arbor, MI)
- Member of the Scientific Advisory Board of the Italian Society for Cardiac Surgery (SICCH).

#### TEACHING ACTIVITY

- Cardiac Surgery teaching in several local courses (including MD, PhD, postgraduate courses, at the University of Campania, Italy)
- Teaching activities abroad, including: Opponent in a PhD Thesis dissertation at the Karolinska Institutet, Stockholm, Sweden (Cardiovascular Genetics and Genomic Group, Prof. P. Eriksson) in 2013; EACTS Academy Courses of different levels (several editions of: “Introduction to Aortic Surgery”; “Aortic Valve Repair Summit”; “Fundamentals in Aortic Surgery”); Cardiology Scientific Sessions at Vall d’Hebron Hospital, Barcelona, Spain 2024.
- Past Member of the Level-1 Question Writing Committee for the European Board for Cardiothoracic Surgery Certification

#### CLINICAL ACTIVITY

- Staff Surgeon at the Cardiac Surgery Unit of the Department of Cardiovascular Surgery and Transplant, Monaldi Hospital, Naples, Italy - performing all type of cardiac surgery
- Co-lead, Minimally Invasive Valve Surgery Program
- Lead, Aortic valve Sparing Program
- Participation in: Endovascular Aortic Treatment Program; Transcatheter Aortic Valve Implantation Program; Heart Transplant and VAD Program