

## HORAȚIU MOLDOVAN

- Professor of Cardiovascular Surgery, Head of Cardiovascular Surgery Department, "Carol Davila" University of Medicine and Pharmacy at Emergency Clinical Hospital Bucharest
- Member of the Senate of "Carol Davila" University of Medicine and Pharmacy
- Member of the University Council of the Faculty of Medicine
- Member of The National Council for the Attestation of University Titles, Diplomas and Certificates (CNATDCU), Ministry of Education
- Doctor of Medical Sciences, PhD coordinator - "Carol Davila" University of Medicine and Pharmacy, • Habil in Cardiovascular Surgery
- Emergency Clinical Hospital Bucharest Heart Transplant Program Coordinator
- Full Member of the Academy of Medical Sciences, Full Member of the Academy of Scientists of Romania, Fellow of the American College of Cardiology (FACC), Full Member of the European Association for Cardio-Thoracic Surgery (FEACTS), President of the Romanian Society of Cardiovascular Surgery and President of RomTransplant Association and member of 10 other national and international scientific societies.
- Master's degree and competence in Public Health and Health Management, he has served as Advisor on Health Issues within the Chancellery of the Prime Minister - Government of Romania, President of the Cardiovascular Surgery Commission within the Ministry of Health and Secretary of State - Directorate of Medical Assistance, Public Health, National Medicine Programs.
- Trained in the specialty of cardiovascular surgery at the Fundeni Clinical Institute/Institute for Cardiovascular Diseases "C.C.Iliescu", under the guidance of Assoc. Prof. Dr. Dan Gherghiceanu, Prof. Dr. Dan Făgărășanu, Prof. Dr. Cezar Macarie and Prof. Dr. Vasile Câdea. Specialization internships in France, Toulouse III University–Paul Sabatier, Hopital Rangueil, where he worked with Prof. Dr. Gerard Fournial and Prof. Dr. Ives Glock, in the field of coronary, valvular surgery and in the field of major vascular surgery – aortic; internships and training courses in England – Harefield Hospital, London, Prof. Magdi Yacoub, Germany - Munich, Ludwig Maximilians Universität, Prof. Călin Vicol and the United States of America – New York, Mount Sinai Hospital, Prof. David Adams, as well as multiple trainings and courses of cardio-vascular specialization and procedures in cardiovascular surgery.
- Within the departments of the Bucharest Clinical Emergency Hospital, the "C.C.Iliescu" Institute, the Sanador Hospital and the Ponderas Hospital, he participated in the implementation of new technologies related to minimally invasive cardiac surgery, the implantation of the first mechanical circulatory assistance devices: the intraaortic counterpulsation balloon and the partial artificial heart and heart transplant. More recently, endovascular aortic procedures (EVAR, TEVAR) and transcatheter valve implantation (TAVI).
- First author of 8 specialized books, author of chapters in over 21 other books and treatises, out of which 5 in prestigious international publishing houses, over 160 published scientific papers: 91 ISI indexed publications, 609 citations, FCIAP 51.8, Hirsch Index 15.
- The areas of excellence in which he practices and publishes are represented by major vascular and endovascular surgery (aortic), minimally invasive cardiac surgery, biomaterials science and engineering and cardiovascular devices, as well as mechanical circulatory support and heart transplantation.