



**Carlos Mestres, MD**  
Senior Consultant  
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## Curriculum Vitae

### Key skills

- Specialist in Cardiovascular Surgery
- Specialist in Thoracic Surgery
- Doctoral Dissertation, University of Barcelona

### Background

- From 9/2017: Senior Consultant – Clinic for Cardiovascular Surgery, University Hospital Zürich
- 2018: Extraordinary Professor, Department of Cardiothoracic Surgery, University of the Free State, Bloemfontein (Republic of South Africa)
- 8/2014 - 7/2017: Senior Consultant – Department of Thoracic and Cardiovascular Surgery, Heart & Vascular Institute, Cleveland Clinic Abu Dhabi, Abu Dhabi (UAE)
- 12/2007 - 7/2014: Senior Consultant, Department of Cardiovascular Surgery, Hospital Clinic, University of Barcelona, Barcelona (Spain)
- 2006 – 2010: Visiting Professor. Tajoura National Heart Center, Tripoli (Libya)
- 1998: Fellow of the European Board of Cardiothoracic Surgeons (EBTCS)
- 1/1996 - 10/1997: Chief Section, Department of Cardiovascular Surgery, University Hospital Murcia “Virgen de la Arrixaca”, Murcia (Spain)
- 1993 – 1994: Visiting Professor, Third Teaching Hospital, Beijing Medical University, Beijing (PR China)
- 1992 – 1996: Assistant Professor, Department of Surgery, University of Barcelona, Barcelona (Spain)
- 4/1990 - 5/1991: Foreign Teaching Fellow, Division of Cardiothoracic Surgery, National University of Singapore (Singapore)
- 1988: Doctoral Dissertation, University of Barcelona, Ministry of Education and Science (Spain)
- 12/1984 - 12/2007: Consultant, Department of Cardiovascular Surgery, Hospital Clinic, University of Barcelona, Barcelona (Spain)
- 1988: Specialist Certificate, Cardiovascular Surgery, Ministry of Education and Science (Spain)
- 5/1982 - 12/1984: Surgical Resident, Department of Cardiovascular Surgery, San Jorge Cardiovascular Center, Barcelona (Spain)
- 1982: Specialist Certificate in Thoracic Surgery, Ministry of Education and Science (Spain)

7/1979 - 5/1982: Assistant Physician, Department of Surgery, Hospital Clinic, University of Barcelona, Barcelona (Spain)  
1979: Certificate of Medicine and Surgery, the University of Barcelona, Ministry of Universities and Research (Spain)  
10/1973 - 6/1979: Medical Student, University of Barcelona School of Medicine, Barcelona (Spain)

## Publications

1. **Mestres CA**, Quintana E, Kopjar T, Ambrosioni J, Almela M, Fuster D, Ninot S, Miró JM; Hospital Clinic Infective Endocarditis Investigators. Twenty-year experience with cryopreserved arterial allografts for vascular infections. *Eur J Cardiothorac Surg*. 2019; 55:358-365. doi: 10.1093/ejcts/ezy263.
2. Czerny M, Schmidli J, Adler S, van den Berg JC, Bertoglio L, Carrel T, Chiesa R, Clough RE, Eberle B, Etz C, Grabenwöger M, Haulon S, Jakob H, Kari FA, **Mestres CA**, Pacini D, Resch T, Rylski B, Schoenhoff F, Shrestha M, von Tengg-Kobligk H, Tsagakis K, Wyss TR; EACTS/ESVS scientific document group. Current options and recommendations for the treatment of thoracic aortic pathologies involving the aortic arch: an expert consensus document of the European Association for Cardio-Thoracic surgery (EACTS) and the European Society for Vascular Surgery (ESVS). *Eur J Cardiothorac Surg*. 2019; 55:133-162. doi: 10.1093/ejcts/ezy313.
3. **Mestres CA**, Bartel T, Sorgente A, Müller S, Gruner C, Dearani J, Quintana E. Hypertrophic obstructive cardiomyopathy: what, when, why, for whom? *Eur J Cardiothorac Surg* 2018; 53:700-707. doi: 10.1093/ejcts/ezy020.
4. Shrestha M, Bachet J, Bavaria J, Carrel TP, De Paulis R, Di Bartolomeo R, Etz CD, Grabenwöger M, Grimm M, Haverich A, Jakob H, Martens A, **Mestres CA**, Pacini D, Resch T, Schepens M, Urbanski PP, Czerny M. Current status and recommendations for use of the frozen elephant trunk technique: a position paper by the Vascular Domain of EACTS. *Eur J Cardiothorac Surg* 2015; 47:759-769. doi: 10.1093/ejcts/ezv085
5. **Mestres CA**, Paré JC, Miró JM; Working Group on Infective Endocarditis of the Hospital Clínic de Barcelona. Organization and Functioning of a Multidisciplinary Team for the Diagnosis and Treatment of Infective Endocarditis: A 30-year Perspective (1985-2014). *Rev Esp Cardiol (Engl Ed)*. 2015; 68:363-368. doi: 10.1016/j.rec.2014.10.006
6. Bonser RS, Ranasinghe AM, Loubani M, Evans JD, Thalji NM, Bachet JE, Carrel TP, Czerny M, Di Bartolomeo R, Grabenwöger M, Lonn L, **Mestres CA**, Schepens MA, Weigang E. Evidence, lack of evidence, controversy, and debate in the provision and performance of the surgery of acute type A aortic dissection. *J Am Coll Cardiol*. 2011; 58:2455-2474. doi: 10.1016/j.jacc.2011.06.067.

7. Lalani T, Cabell CH, Benjamin DK, Lasca O, Naber C, Fowler VG Jr, Corey GR, Chu VH, Fenely M, Pachirat O, Tan RS, Watkin R, Ionac A, Moreno A, **Mestres CA**, Casabé J, Chipigina N, Eisen DP, Spelman D, Delahaye F, Peterson G, Olaison L, Wang A; International Collaboration on Endocarditis-Prospective Cohort Study (ICE-PCS) Investigators. Analysis of the impact of early surgery on in-hospital mortality of native valve endocarditis: use of propensity score and instrumental variable methods to adjust for treatment-selection bias. *Circulation*. 2010; 121:1005-1013. doi: 10.1161/CIRCULATIONAHA.109.864488
8. **Mestres CA**, Chuquiure JE, Claramonte X, Muñoz J, Benito N, Castro MA, Pomar JL, Miró JM. Long-term results after cardiac surgery in patients infected with the human immunodeficiency virus type-1 (HIV-1). *Eur J Cardiothorac Surg* 2003; 23:1007-1016
9. **Mestres CA**, Campistol JM, Ninot S, Botey A, Abad C, Guerola M, Cases A, Revert L, Mulet J. Improvement of renal function in azotaemic hypertensive patients after surgical revascularization. *Br J Surg* 1988; 75:578-580.
10. **Mestres CA**, Rives A, Igual A, Vehi C, Murtra M. Atherosclerosis of the internal mammary artery. Histopathological analysis and implications on its results in coronary artery bypass graft surgery. *Thorac Cardiovasc Surg* 1986; 34:356-358.
11. **Mestres CA**, Murtra M, Igual A, Ugolini AL, Cubells J, Espinosa M. Surgical treatment of the tetralogy of Fallot in the adult. *Rev Esp Cardiol*. 1982; 35:5-9.

## Memberships

- Active Member, Swiss Society of Cardiac Surgery (SGHC), from 2018
- Founding Member, Spanish Society of Cardiovascular Infections (SEICAV), President 2013-2015
- International Panel Member, British Heart Valve Society (BHS), 2012-2013
- Member of the European Board of Cardiothoracic Surgeons (EBCTS), from 2013
- Editorial Board Member, *The Journal of Thoracic and Cardiovascular Surgery*, from 2013
- Associate Editor, *The European Journal of Cardiothoracic Surgery* (EJCTS), 2011-2017
- Active Member, Asian Society of Thoracic and Cardiovascular Surgery (ASCVTS); from 2011
- Founding Member, Pan African Society of Cardiothoracic Surgery (PASCATS), Vice-President from 2011
- Active Member, The American Association for Thoracic Surgery (AATS), from 2007
- Honorary Fellow, The Indian Association of Cardiovascular and Thoracic Surgeons (IACVTS), from 2011
- Editor-in-Chief, *The Spanish Journal of Cardiovascular Surgery* 2004-2012
- Inspector, The European Cardiovascular and Thoracic Surgery Institute of Accreditation (ECTSIA), 2008

- Member, The International Cooperation Committee, European Association of Cardiothoracic Surgery (EACTS), 2004-2010
- Executive Committee of the International Society of Cardiovascular Infectious diseases (ISCVID), 2003-2016
- Reviewer for the Spanish System for the Accreditation of Continuing Medical Education (SEAFORMEC), 2003-2011
- Associate Editor, Interactive Cardiovascular and Thoracic Surgery (ICVTS), 2001-2017
- Member, The Spanish Board of Cardiovascular Surgery, Ministry of Health, 1996-2006
- Active Member, European Association of Cardiothoracic Surgery (EACTS), from 1988
- Active Member, Spanish Society of Cardiovascular-Thoracic Surgery (SECTCV), from 1988. Council Member 1998-2012

## **Key areas of research**

- Cardiovascular Infections
- Biomaterials
- Cardiovascular Tissue Transplantation