

CURRICULUM VITAE

Address and phones

MATTEO FERRARINI
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born in Pavia (Italy), March 16th 1972.

Academic qualifications

1999, June 25th: Faculty of Medicine at University of Pavia: Degree with an experimental thesis in General and Transplantation Surgery, on the subject: "Tolerance induction after kidney-spleen matched transplantation. Theoretical basis and experimental results." Tutor: Professor Aris Zonta, Chief Department of General Surgery, University of Pavia.

2004, November 15th: Specialization in Cardiac Surgery at University of Sassari .

Clinical activity

1994: academical internship in Department of Vascular Surgery, University of Pavia`s hospital (Policlinico IRCCS S. Matteo).

1997-1998: internship in Department of General Surgery, "S. Francesco" clinic in Bergamo; clinical and surgical activity.

1998, June: training course on minimally-invasive surgery at Department of General Surgery, "S. Marco" hospital, Zingonia, Bergamo.

1999, from April to June: training period, clinical and surgical activity in Cardiac Surgery Unit of National Research Center (CNR – Pisa) at "Pasquinucci" hospital, Massa.

1999-2000 and 2001-2002: full-time internship in Department of Cardiac Surgery, Ospedali Riuniti di Bergamo; clinical and surgical activity.

2000-2001: full-time internship in Cardiac Surgery Department of University of Sassari (“SS. Annunziata” hospital, Sassari); clinical and surgical activity.

2004 -April 2014: Full-time clinical and surgical activity in Cardiac Surgery Unit “Heart Hospital” OPA- IFC.CNR – FTGM, Massa, MS

May 2014 -October 2014: Full-time clinical and surgical activity in Cardiac Surgery Unit of “Istituto Clinico Humanitas”, Rozzano - MI

Research activity

1995-1999: academical internship in the Experimental Surgery Lab of Department of Surgery, University of Pavia, working on experimental kidney, kidney-spleen, kidney-pancreas, liver and bowel transplantation on swines.

1999-2000 and 2001-2002: surgical and research activity on left ventricular remodeling, cardiac failure, cardiac assistance devices, mitral valve repair, aortic valve replacement with homograft valves.

2003, from January to December: research fellowship on cardiac failure and gene therapy of the acute myocardial infarction in Physiology Department of New York Medical College, Valhalla, NY - U.S.A.. Tutor: Thomas H Hintze, PhD

2007-2009: coinvestigator for RCT STET-trial

2012: coinvestigator for EXCEL Study.

Proctoring activity

2011-2013: proctoring for TERUMO on endoscopic safenous vein harvesting (Virtuosaph system)

2012: proctoring for MEDTRONIC on minimally invasive direct coronary artery bypass (Octopus Nuvo and NS system)

2012-2014: proctoring for SORIN on Perceval sutureless aortic bioprosthesis implant and minimally invasive mitral surgery

Courses

2010: EACTS academy certified course on scientific writing (Prague)

2011: EACTS academy certified Cardio-Thoracic Robotic Surgery Course (Level 2, Strasbourg)

2012: EACTS academy certified Cardio-Thoracic Robotic Surgery Course (Level 3, Pisa)

Academical activity

2013-2014: Teacher for Master in Minimally Invasive Surgery , S. Anna Institute, Pisa.

Publications

Biochemical evaluation of vacuum-assisted venous drainage: a randomized prospective study.

S. Bevilacqua, M.L.S. Matteucci, M. Ferrarini, M. Kacila, A. Ripoli, D. Mercogliano, M. Glauber, P. Ferrazzi. Perfusion, 2002, Jan. 17 (1); 57-61.

Adeno-associated virus mediated transduction of VEGF 165 improves cardiac tissue viability and functional recovery after permanent coronary occlusion in conscious dogs.

Ferrarini M, Arsic N, Recchia FA, Zentilin L, Zacchigna S, Xu X, Linke A, Giacca M, Hintze Th. Circ. Res. 2006 Apr 14 ;98(7) :954-61

Minimally invasive mitral valve surgery via right minithoracotomy.

Glauber M, Karimov JH, Farneti PA, Cerillo AG, Santarelli F, Ferrarini M, Del Sarto P, Murzi M, Solinas M. Multimed Man Cardiothorac Surg. 2009 Jan 1;2009(122)

Right anterior minithoracotomy versus conventional aortic replacement. A propensity score matched study.

Glauber M, Miceli A, Gilmanov D, Ferrarini M, Bevilacqua S., Farneti PA, Solinas M. J Thorac Cardiovasc Surg. 2012 Apr 17.

Sutureless Implantation of the Perceval S Aortic Valve Prosthesis Through Right Anterior Minithoracotomy.

Gilmanov D, Miceli A, Bevilacqua S, Farneti P, Solinas M, Ferrarini M, Glauber M.

Ann Thorac Surg. 2013 Sep 18. doi:pii: S0003-4975(13)01542-7. 10.1016/j.athoracsur.2013.07.007. [Epub ahead of print]

Minimally invasive aortic valve replacement using right minithoracotomy is associated with better outcomes than ministernotomy.

Miceli A, Murzi M, Gilmanov D, Fugà R, Ferrarini M, Solinas M, Glauber M.

J Thorac Cardiovasc Surg. 2013 Sep 12. doi:pii: S0022-5223(13)00893-3. 10.1016/j.jtcvs.2013.07.060. [Epub ahead of print]

Giant solitary fibrous tumor of the epicardium causing reversible heart failure.

Bianchi G, Ferrarini M, Matteucci M, Monteleone A, Aquaro GD, Passino C, Pucci A, Glauber M.

Ann Thorac Surg. 2013 Aug;96(2):e49-51. doi: 10.1016/j.athoracsur.2013.02.053.

An open randomized controlled trial of median sternotomy versus anterolateral left thoracotomy on morbidity and health care resource use in patients having off-pump coronary artery bypass surgery: the Sternotomy Versus Thoracotomy (STET) trial.

Rogers CA, Pike K, Angelini GD, Reeves BC, Glauber M, Ferrarini M, Murphy GJ.

J Thorac Cardiovasc Surg. 2013 Aug;146(2):306-16.e1-9. doi: 10.1016/j.jtcvs.2012.04.020. Epub 2012 Aug 31.

Right anterior minithoracotomy versus conventional aortic valve replacement: a propensity score matched study.

Glauber M, Miceli A, Gilmanov D, Ferrarini M, Bevilacqua S, Farneti PA, Solinas M.

J Thorac Cardiovasc Surg. 2013 May;145(5):1222-6. doi: 10.1016/j.jtcvs.2012.03.064. Epub 2012 Apr 18.