

CURRICULUM VITAE

ANTONIO MICELI, MD, PhD



PERSONAL DETAILS

Name: Antonio Miceli

Nationality: Italian

Date of Birth: 29 April 1979

Place of Birth: Catanzaro

Work Address: via Favarelli16, Milan

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EDUCATION

Sep 1992 – Jul 1997

Secondary School: Liceo Scientifico "Luigi Siciliani" - Catanzaro - Italy, completed with distinction (60/60).

1998-1999

Internship at Institute of Histology and General Embriology - University of the Sacred Heart - Rome - Italy.

1999-2000

Internship at Institute of Human Anatomy - Catholic University of the Sacred Heart - Rome – Italy.

2000-2001

Internship at Institute of Internal Medicine and Angiology - Catholic University of the Sacred Heart, Agostino Gemelli University Polyclinic Hospital, Rome, Italy.

2000-2001

Internship at the Department of Vascular Surgery - Catholic University of the Sacred Heart - Rome – Italy. Chief Professor Francesco Snider, Agostino Gemelli University Polyclinic Hospital, Rome, Italy.

2001-2003

Internship at the Department of Cardiac Surgery - Catholic University of the Sacred Heart - Rome – Italy. Chief Professor Gian Federico Possati, Agostino Gemelli Polyclinic Hospital, Rome, Italy.

Oct 1997 - Jul 2003

University: Medical School - Catholic University of the Sacred Heart - Rome - Italy,
completed with distinction (110/110 magna cum laude)

December 2003

Medical Licencing Certificate Examination - Catholic University of the Sacred Heart -
Rome – Italy

October 2003 – October 2008

Residency in Cardiac Surgery, Sant' Andrea Hospital, II Faculty of Medicine, University
of Rome “La Sapienza” – Italy. (70/70)

Nov 2007 – April 2008

Visiting Phisician at the Department of Cardiothoracic Surgery – Yale University, Chief
J. A. Elefteriades , Yale New Haven Health Hospital, New Haven, Connecticut, U.S.A.

January 2008 - January 2010

Italian Polyspecialist Society of Young Surgeon: Responsible for the relationship with
the journal European Surgical Research.

July 2008 - January 2010

Clinical Fellow at Bristol Heart Institute, University of Bristol, Bristol, UK

2008-2011

European Post Doc (PhD) in Sperimental Phisiopathology, University of Tor Vergata,
Rome, Italy.

January 2010-April 2014

Cardiac Surgeon consultant at Ospedale del Cuore, Fondazione Toscana G. Monasterio,
Massa, Italy.

May 2014-October 2014

Cardiac Surgeon consultant at Istituto Clinico Humanitas, Rozzano, Milano, Italy

SOCIETY MEMBERSHIPS:

European Ass for Cardio-Thoracic Surgery (EACTS), Italian Society for Cardiac Surgery (SICCH), Society of Thoracic Surgeon (STS)

PRESENT APPOINTMENT

- Cardiac surgeon consultant at Istituto Clinico Sant' Ambrogio, Gruppo Ospedaliero San Donato, Milano, Italy (since November 2014).
- Research fellow at departement clinical science, University of Bristol, Bristol, UK (since June 2008)
- Teaching at University “ Scuola Superiore Sant'Anna” for II level University Master “ Innovation in cardiac surgery: advances in minimally invasive therapeutics” (a.a. 2013/14)

INVITED REVIEWER

Circulation (2010-2011)

Journal of Thoracic and Cardiovascular Surgery (2010-2014)

Postgraduate Medical Journal (British Medical Journal 2010)

BMJ Open (British Medical Journal, 2011)

Archives of Medical Science (2007-2014)

Anatolian Journal of Cardiology (2009)

International J of Cardiology (2012-2013)

Journal of Heart Valve Disease (2012)

Bio Med Central Cardiovascular Disorder (2012)

Journal of Cardiovascular Surgery (2012-2013)

Journal of Cardiac Surgery (2013)

FIELDS OF INTEREST:

Minimally invasive cardiac surgery

Preoperative cardiac risk stratification and Development and validation of risk score

Preoperative and postoperative renal dysfunction

Intraaortic ballon pump

Functional mitral regurgitation

Biostatistic, Bioumoral markers

MEDICAL CONFERENCE PARTICIPATION

- Biologic Seminar. March-June, 2000. - Catholic University of the Sacred Heart - Rome - Italy .
- “New Biological Therapies in Medicine: Staminal Cells and Cytokines/Anti-Cytokines ”, December 5th, 2002 - Catholic University of the Sacred Heart - Rome - Italy.
- National Meeting S.I.P.A.D, December 5-6, 2002 - Catholic University of the Sacred Heart - Rome – Italy.
- Primary prevention of Atherothrombosis 2003. May 8-9, 2003 - Catholic University of the Sacred Heart - Rome – Italy.
- Updating course in “New diagnostic and therapeutic methods in Gastroenterology”. June 5-6, 2003 - Catholic University of the Sacred Heart - Rome - Italy.
- Symposium on Chronic inflammatory bowel disease. June 26th, 2003 - Catholic University of the Sacred Heart - Rome – Italy.
- C-Reactive Protein, from pathophysiology to guidelines. July 7th, 2003 - Catholic University of the Sacred Heart - Rome – Italy.
- 105th Italian Society meeting for Surgeons . October 5-8, 2003, Naple, Italy.
- Research and therapeutic updating on Hospital Acquired Fungal Infections. November 7th, 2003 Rende, Cosenza, Italy.
- Colo-rectal neoplasia: from prevention to therapy. Novembre 14th - Catholic University of the Sacred Heart - Rome –
- Liver and biliary diseases: surgical different strategies?. November 28-29, 2003 Vibo Valentia, Italy.
- 18th National Congress of the Italian Polyspecialist Society of Young Surgeons. June 15-17, 2005 Rome, Italy.

- Amyloidosis and Multiple Myeloma: new diagnostic and therapeutic perspectives. November 10th, 2005 St Andrea Hospital Rome, Italy.
- 19th National Congress of the Italian Polyspecialist Society of Young Surgeons. June 21-23, 2006 Bologna, Italy.
- Advanced Course in Statistical Methods in Epidemiology at Higher Institute of Health, September 18-22, Rome, Italy.
- 108th Italian Society meeting for Surgeons. October 15-18, 2006, Rome, Italy.
- M.I.T.R.A.L.E. II : 2nd Italian meeting in advanced mitral repair technique and live Echocardiography. October 26-28, 2006 Milan, Italy.
- Intercardio 2006: technical expansion and clinical role in cardiology. November 8-10, 2006 Rome, Italy.
- 23th national Italian Society meeting for cardiac surgery. December 2-5, 2006 Rome, Italy.
- Aortic Surgery "How to do it". December 15-16, 2006 Milan, Italy.
- Summit on Acute Aortic disease: Lux et Veritas. November 1-2, 2007. New Haven, Connecticut, USA.
- 44th Annual meeting and Exhibition of The Society of Thoracic Surgeon. January 28-30, 2008. Fort Lauderdale, Florida, USA.
- XXIV Meeting of Italian Society of Cardiac Surgeons, November 10-11, 2008, Roma, Italy.
- STS/AATS tech-con Meeting 2009. January 24-25, San Francisco, CA, USA.
- 45th Annual meeting of the Society of Thoracic Surgeons (STS). January 26-28 2009 San Francisco, CA, USA.
- ACC 58th Annual Scientific Session/Innovation in Intervention: i2 Summit 2009". March 28-31, 2009 Orlando, Florida, USA.
- 1st European meeting of young surgeons. 18-20 June, Roma, Italy.
- America Heart Association (AHA): Scientific Sessions 2009. 14-18 November, Orlando Florida, USA.

- American College of Cardiology (ACC): 59th Annual Scientific Session/Innovation in Intervention: i2 Summit 2010". 14-16 March, 2010 Atlanta, Georgia, USA.
- XXV Meeting of Italian Society of Cardiac Surgeons November 6-9 2010, Rome, Italy.
- American Heart Association (AHA): Scientific Sessions 2010. November 13-17, Chicago, Illinois, USA.
- STS/AATS tech-con Meeting 2011. Jan 31- Feb 2, San Diego, CA, USA.
- Annual meeting of the Society for Cardiothoracic Surgeon in Great Britain and Ireland, 20-22 March 2011, London, UK
- 42nd National meeting of the Italian Association of hospital Cardiologists (ANMCO), Florence May 11-14, Italy.
- 21st World Congress of the World Society of Cardio-Thoracic Surgeons, June 12-15 2011, Berlin, Germany
- 20 Years of Cardiac Surgery in Timisoara 1991- 2011, September 17 2011, Timisoara, Romania.
- Tuscany Meeting of National meeting of the Italian Association of hospital Cardiologists (ANMCO), October 7-8 2011, Viareggio, Italy.
- STS/SCA: Intraoperative Echo and Decision Making in Cardiovascular Surgery, January 28 2012, Fort Lauderdale, Florida, USA.
- STS/AATS Tech-Con Meeting 2012, January 28-29, Fort Lauderdale, Florida, USA.
- 48th Annual Meeting of the Society of Thoracic Surgeons, Jan 28 – Feb 1 2012, Fort Lauderdale, Florida, USA.
- Know your ABCs: Antiplatelet Therapy, Benefits/Bleeding, and Cardiac Surgery, April 29 2012, San Francisco, California, USA.
- 92nd Annual Meeting of the American Association for Thoracic Surgery, April 28 - May 2, 2012, San Francisco, California, USA.
- Degenerative Aortic valve disease: risk stratification and treatment in the new millennium. May 4 2012, Seravezza, Italy (Massa).

- Aortic stenosis in the elderly. October 26 2012, Florence, Italy.
- 26th Annual Meeting European Association for Cardiothoracic Surgery. October 29-31 2012, Barcellona, Spain.
- Meeting of the Italian Society of Cardiac Surgeons, November 10-11, 2008, Roma, Italy.
- Minimally Invasive Cardiac Surgery Workshop, November 30 2012, Bristol, United Kingdom.
- Annual Meeting of the Society for Cardiothoracic Surgery in Great Britain & Ireland (SCTS), March 17-19 2013, Brighton, United Kingdom
- 21st Annual Meeting of the Asian Society for Cardiovascular and Thoracic Surgery (ASCVTS), April 4-7, 2013, Kobe, Japan.
- 7th Biennial Congress of the Society for Heart Valve disease, June 22-25 2013, Venice, Italy.
- 27th Annual Meeting European Association for Cardiothoracic Surgery. October 7-9 2012, Wien, Austria.

RESEARCH ACTIVITIES AND PUBLICATIONS

Original Articles

- First author

- *The Effects of Preoperative Statin Treatment on the Incidence of Post-operative Atrial Fibrillation in Patients Undergoing Coronary Artery Bypass Grafting Surgery.* **A. Miceli**, C. Fino, B. Fiorani, M. Yeatman, , G.D. Angelini, M Caputo. *Ann Thorac Surg* 2009;87:1853-8.
- *Prophylactic intra-aortic balloon pump in high risk patients undergoing CABG. A propensity score analysis.* **A. Miceli**, B. Fiorani, T. H. Danesi, G. Melina, R. Sinatra. *Interact Cardiovasc Thorac Surg* 2009; 9:291-295.
- *The Effect of Angiotensin-Converting Enzyme therapy on Early Outcomes in Patients undergoing coronary Artery Bypass Grafting.* **A. Miceli**, Capuon R, C. Fino, P. Narayan A. J. Brian, G.D. Angelini, M. Caputo. *J Am Coll Cardiol* 2009 54:1778-1784.
- *Reply to Letters to editor RE: Effect of Angiotensin-Converting Enzyme therapy on Early Outcomes in Patients undergoing Coronary Artery Bypass Grafting.* **A. Miceli**, G.D. Angelini, M.Caputo. *J Am Coll Cardiol* 2009 55: 930-931.
- *Letter by Miceli et al regarding article, "Risk of assessing mortality risk in elective cardiac operations: age, creatinine, ejection fraction, and the law of parsimony".* **Miceli A**, Angelini GD, Caputo M. *Circulation*. 2010 Mar 2;121(8):e226;
- *A Clinical Score to Predict the Need for Intraaortic Ballon Pump in Patients Undergoing Coronary Artery Bypass Grafting.* **Miceli A**, Duggan SMJ, Capuon R, Romeo F, Caputo M, Angelini GD. *Ann Thorac Surg* 2010; 90:522-7.

- *Letter by Miceli et al. regarding the article “No Major differences in 30-day Outcomes in High-Risk Patients Randomized to Off-Pump Versus On-Pump Coronary Bypass Surgery. The Best Bypass Surgery Trial”.* **Miceli A**, Angelini GD, Glauber M. *Circulation* 2010;122:e497
- *Occult renal dysfunction: a mortality and morbidity risk factor in coronary artery bypass grafting surgery.* **Miceli A**, Bruno VD, Capoun R, Romeo F, Angelini GD, Caputo M. *J Thorac Cardiovasc Surg.* 2011 Mar;141(3):771-6.
- *Mild renal dysfunction in patients undergoing cardiac surgery as a new risk factor for EuroSCORE.* **Miceli A**, Bruno VD, Capoun R, Duggan SM, Romeo F, Angelini GD, Caputo M. *Heart.* 2011 Mar;97(5):362-5.
- *Evaluation of platelet count after isolated biological aortic valve replacement with Freedom Solo bioprosthesis.* **Miceli A**, Gilmanov D, Murzi M, Parri MS, Cerillo AG, Bevilacqua S, Farneti PA, Glauber M. *Eur J Cardiothorac Surg.* 2012;41:69-73.
- *Root replacement with stentless Freestyle bioprostheses for active endocarditis: a single center experience.* **Miceli A**, Croccia M, simeoni S, Varone E, Murzi M, Farneti PA, Solinas M, Glauber M. *Interact Cardiovasc Thorac Surg* 2013;16:27-30.
- *Combined clopidogrel and aspirin treatment up to surgery increases the risk of postoperative myocardial infarction, blood loss and reoperation for bleeding in patients undergoing coronary artery bypass grafting.* **Miceli A**, Duggan SM, Aresu G, de siena PM, Romeo F, Glauber M, Caputo M, angelini GD. *Eur J Cardiothoracic Surg* 2013;43:722-8
- *Impact of pulmonary hypertension on mortality after operation for isolated aortic valve stenosis.* **Miceli A**, Varone E, Gilmanov D, Murzi M, simeoni S, concistrè G, Marchi F, Solinas M, Glauber M. *Int J Cardiol* 2013 in press [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 in press [Epub ahead of print]
- *Reply to Rubino et al.* **Miceli A**, Angelini GD. *Eur J Cardiothorac Surg* 2014 in press
- *Minimally Invasive Aortic Valve Replacement with Perceval S Sutureless Valve: Early Outcomes and One-year Survival From Two European Centers.* **Miceli A**,

Santarpino G, Pfeiffer S, Murzi M, Gilmanov D, Concistrè G, Quaini E, Solinas M, Fischlein T, Glauber M. J Thorac Cardiovasc Surg 2014 in press

-Co-author

- *Anterolateral papillary muscle rupture after weaning from cardiopulmonary bypass for coronary artery bypass grafting: once in a blue moon.* Benedetto U, Fiorani B, Roscitano A, **Miceli A**, Capuano F, Simon C, Comito C, Tonelli E, Sinatra R. J Cardiovasc Med (Hagerstown). 2006 Nov;7(11): 833-4.
- *Mild and moderate renal dysfunction: impact on short term outcome.* C. Simon, R Luciani, F. Capuano, **A. Miceli**, A. Roscitano, E. Tonelli, R. Sinatra. European Journal of Cardio-Thoracic Surgery. 2007;32(2): 286 – 290.
- *State and trait anxiety and depression in primary brain tumours before and after surgery: a one-year longitudinal study.* C. D'Angelo, A. Mirijello, L. Leggio, A. Ferrulli, V. Carotenuto, N. Icolaro, **A. Miceli**, V. D'Angelo, G. Gasbarrini, G. Addolorato. J Neurosurg. 2008 Feb; 108(2):281-6.
- *Insulin but not insulin growth factor-1 correlates with craving in currently drinking alcohol-dependent patients.* Leggio L, Ferrulli A, Malandrino N, **Miceli A**, Capristo E, Gasbarrini G, Addolorato G. Alcohol Clin Exp Res. 2008 Mar 32 (3):450-8.
- *Social phobia in coeliac disease.* G. Addolorato, A. Mirijello, C. D'Angelo, L. Leggio, A. Ferrulli, L. Vonghia, S. Cardone, V. Leso, **A. Miceli**, G. Gasbarrini. Scand J Gastroenterol. 2008; 43(4):410-5.
- *Renin and aldosterone but not the natriuretic peptide correlate with obsessive craving in medium term abstinent alcohol-dependent patients: a longitudinal study.* L. Leggio, A. Ferrulli, S. Cardone, A. Miceli, G. A. Kenna, G. Gasbarrini, R. M. Swift, G. Addolorato. Alcohol 2008 Aug; 42(5):375-81.
- *Relationship between the hypothalamic-pituitary-thyroid axis and alcohol craving in alcohol-dependent patients. A longitudinal study.* L. Leggio, A.

Ferrulli, S. Cardone, N. Malandrino, A. Mirijello, C. D'Angelo, L. Vonghia, A. **Miceli**, E. Capristo, G. A. Kenna, G. Gasbarrini, R. M. Swift, G. Addolorato. *Alcohol Clin Exp Res* 2008;32(12) 2047-53.

- *Is cortisol involved in the alcohol-related fat mass impairment? A longitudinal clinical study.* L. Leggio, N. Malandrino, A. Ferrulli, S. Cardone, **A. Miceli**, G. Gasbarrini, E. Capristo, G. Gasbarirni. *Alcohol Alcohol* 2009 Jan: 1-5.
- *Relationship between prosthesis-patient mismatch and pro-brain natriuretic peptides after aortic valve replacement.* Melina G, Angeloni E, Benedetto U, Refice S, **Miceli A**, Miele C, Ciavarella GM, Sinatra R. *J Heart Valve Dis.* 2010 Mar;19(2):171-6.
- *Psychosocial findings in alcohol-dependent patients before and after three months of total alcohol abstinence.* Ferrulli A, Leggio L, Cardone S, D'Angelo C, Mirijello A, Vonghia L, **Miceli A**, Gasbarrini G, Addolorato G. *Front Psychiatry.* 2010 Jul 6;1:17.
- *Role of trait anxiety in persistent radicular pain after surgery for lumbar disc herniation: a 1-year longitudinal study.* D'Angelo C, Mirijello A, Ferrulli A, Leggio L, Berardi A, Icolaro N, **Miceli A**, D'Angelo V, Gasbarrini G, Addolorato G. *Neurosurgery.* 2010;67 (2):265-71.
- *Ectopic congenital thymic cyst in the right pleural cavity.* Bruno VD, Mariscalco G, Franzi F, **Miceli A**, Piffaretti G, Sala A. *Asian Cardiovasc Thorac Ann.* 2010 Oct;18(5):486-8.
- *Ghrelin system in alcohol-dependent subjects: role of plasma ghrelin levels in alcohol drinking and craving.* Leggio L, Ferrulli A, Cardone S, Nesci A, **Miceli A**, Malandrino N, Capristo E, Canestrelli B, Monteleone P, Kenna GA, Swift RM, Addolorato G. *Addict Biol.* 2011;17:452-64.
- *Minimally invasive aortic valve replacement via right anterior minithoracotomy: Early outcomes and midterm follow-up.* Glauber M, **Miceli A**, Bevilacqua S, Farneti PA. *J Thorac Cardiovasc Surg.* 2011 ;142:1577-9.
- *Sutureless aortic bioprosthesis in severe aortic root calcification: an innovative approach.* Concistrè G, Farneti PA, **Miceli A**, Glauber M. *Interact Cardiovasc Thorac surg* 2012;14:670-2.
- *On-pump and off-pump coronary artery bypass grafting in patients with left main stem disease: A propensity score analysis.* Murzi M, Caputo M, Aresu G, Duggan S, **Miceli A**, Glauber M, Angelini GD. *J Thorac Cardiovasc Surg.* 2011;143:1382-8

- *Mitral and aortic valve endocarditis caused by a rare pathogen: Streptococcus Constellatus.* Concistrè G, Chiaramonti F, **Miceli A**, Glauber M. *Interact Cardiovasc Thorac Surg* 2012;14:889-90.
- *Delayed dislocation of a sutureless aortic bioprosthesis: the first case.* Concistrè G, **Miceli A**, Chiaramonti F, Glauber M. *Interact Cardiovasc Thorac Surg* 2012;14:892-3.
- *Mitral valve repair or replacement for ischemic mitral regurgitation? The Italian Study on the treatment of Ischemic Mitral Regurgitation (ISTIMIR).* Lorusso R, Gelsomino S, Vizzardi E, D'Aloia A, De Cicco G, Lucà F, Parise O, Gensini GF, Stefano P, Livi U, Vendramin I, Pacini D, Di Bartolomeo R, **Miceli A**, Varone E, Glauber M, Parolari A, Giuseppe Arlati F, Alamanni F, Serraino F, Renzulli A, Messina A, Troise G, Mariscalco G, Cottini M, Beghi C, Nicolini F, Gherli T, Borghetti V, Pardini A, Caimmi PP, Micalizzi E, Fino C, Ferrazzi P, Di Mauro M, Calafiore AM; ISTIMIR Investigators. *J Thorac Cardiovasc Surg*. 2013;145:128-39.
- *Sutureless aortic valve implantation through an upper V-type ministernotomy: an innovative approach in high-risk patients.* Concistrè G, **Miceli A**, Chiaramonti f, Farneti PA, Bevilacqua S, Varone E, Solinas M, Glauber M. *Innovations (Phila)* 2013;8:23-8.
- *Right anterior minithoracotomy versus conventional aortic valve replacement: a propensity score matched study.* Glauber M, **Miceli A**, Gilmanov D, Ferrarini M, Bevilacqua S, Solinas M. *J thoracic Cardiovasc Surg*.2013;145:1222-6.
- *Antegrade and retrograde arterial perfusion strategy in minimally invasive mitral valve surgery: a propensity score analysis on 1280 patients.* Murzi M, Cerillo AG, **Miceli A**, Bevilacqua S, Kallushi E, Farneti P, Solinas M, Glauber M. *Eur J Cardiothoracic Surg* 2013;43:e167-72.
- *Perceval S sutureless aortic valve prosthesis implantation via a right anterior minithoracotomy.* Gilmanov D, Farneti PA, **Miceli A**, Bevilacqua S, Glauber M. *Multimedia Manual of Cardiothoracic Surgery (MMCTS). 2013: mmt012 doi:10.1093/mmcts/mmt012.*
- *Minimally invasive and conventional aortic valve replacement: a propensity score analysis.* Gilmanov D, Bevilacqua S, Murzi M, Cerillo AG, Gasbarri T, Kallushi E, **Miceli A**, Glauber M. *Ann Thorac Surg* 2013 in press
- *Sutureless implantation of the Perceval s aortic valve prosthesis through right anterior minithoracotomy.* Gilmanov D, **Miceli A**, Bevilacqua S, Farneti PA, Solinas M, Ferrarini M, Glauber M. *Ann Thorac Surg* 2013 in press

- *Two alternative sutureless strategies for aortic valve replacement: a two center experience.* Concistrè G, Santarpino G, Pfeiffer S, Farneti PA, **Miceli A**, Chiaramonti F, Solinas M, Glauber M, Fischlein T. *Innovations (Phila)* 2013 in press.
- *Short term follow-up with 3f enable prosthesis: clinical and ecocardiographic results.* Concistrè G, **Miceli A**, Marchi F, Farneti PA, Chiaramonti F, solinas M, Cerillo AG, Glauber M. *J Heart Valve Dis* 2013;22:817-823
- *Restrictive Mitral Valve Annuloplasty versus Mitral Valve Replacement for Functional Ischemic Mitral Regurgitation: An Exercise Echocardiographic Study.* Fino C, Iacovoni, A, Ferrero P, Senni M, Merlo M, Cugola D, Ferrazzi P, Caputo M, **Miceli A**, Magne J. *J Thoracic Cardiovasc Surg* 2013 in press.
- *The low T3 syndrome: a strong predictor of low cardiac output and death in patients undergoing coronary artery bypass grafting.* Cerillo A, Murzi M, Kallushi E, Storti S, **Miceli A**, Clerico A, Berti S, Iervasi G, Glauber M. *Annals Thorac Surg* 2014 in press.
- *Mitral valve repair versus replacement in patients with ischemic mitral regurgitation and depressed ejection fraction: risk factors for early and mid-term mortality.* Lio A, **Miceli A**, Canarutto D, Della Pina F, Gilmanov D, Murzi M, Solinas M, and Glauber M. *Interact Cardiovasc Thorac Surg* 2014 in press
- *Enhancing quality control and performance monitoring in thoracic aortic surgery: a 10 years single institution experience with 753 procedures* Murzi M, **Miceli A**, Di Stefano A, Cerillo AG, Kallushi E, Farneti P, Solinas M, Glauber M. *Eur J Cardiothorac Surg* 2014 in press

For his statistical Knowledge invited to write the following headword:

- *Teoria Statistica Delle Classi e Calcolo Delle Probabilità (Bonferroni)* [Pubblicazioni del R Istituto Superiore di Scienze Economiche e Commerciali di Firenze, 8, 3-62] for the enciclopedia : **Encyclopedia of Research Design**, SAGE publications 2010.

Abstracts presentation in national/international meetings

- First author

- *Intra-Aortic Ballon Pump: Prophylactic Treatment for High Risk Patients Undergoing Coronary Artery Bypass Grafting.* **A Miceli**, B. Fiorani, G. Melina, U. Benedetto, R. Bianchini, A. Roscitano, F. Capuano, F. Barberi, E. Merico, T. Hinna Danesi, E. Tonelli, R. Sinatra. Division of Cardiac Surgery – St. Andrea Hospital-University of Rome, Italy. 19th National congress of the Italian Polyspecialist Society of Young Surgeons, June 21-23, 2006 Bologna, Italy. Abstract in European Surgical Research 2006;38:212.<
- *Prophylactic Intra-aortic Balloon Pump Treatment for High Risk Patients undergoing coronary artery bypass grafting: a Propensity score analysis.* **A. Miceli**, B. Fiorani, T. Hinna Danesi, R. Bianchini, U. Benedetto, E. Tonelli, A. Roscitano, G. Melina, R. Sinatra. Discussion in XXXVIII National meeting of Italian Association of Hospital Cardiologists; Florence 3-5 June 2007. Abstract in G Ital Cardiol, Vol 8 Suppl 2-5:31, 2007.
- *The Effects of Preoperative Statin Treatment on the Incidence of Post-operative Atrial Fibrillation in Patients Undergoing Coronary Artery Bypass Grafting Surgery.* **A. Miceli**, C. Fino, B. Fiorani, M. Yeatman, M Caputo, G.D. Angelini. Poster 45th Annual Meeting STS, January 26-28, 2009. San Francisco, California, USA.
- *The Effects of Angiotensin-Converting Enzyme therapy on Early Outcomes in Patients undergoing coronary Artery Bypass Grafting.* **A. Miceli**, F. Zahir, C. Fino, P. Narayan A. J. Brian, G.D. Angelini, M. Caputo. Oral presentation at 58th

Annual Meeting American College of Cardiology (ACC) 2009, Orlando, Florida, USA. Abstract published in the supplement of J Am Coll Cardiol 2009;53:A333.

- *Occult renal dysfunction: a mortality risk factor in patients undergoing coronary artery bypass grafting.* **A. Miceli**, V.D. Bruno, B. Fiorani, F. Romeo, G.D. Angelini, M. Caputo. Poster Annual Meeting American Heart Association (AHA), Scientific Sessions 2009, Orlando, Florida, USA. Circulation 2009;2009;120:S919.
- *A clinical score to identify high risk patients undergoing CABG who may benefit from elective use of IABP.* **Miceli A**, Bruno VD, Iqbal M, Fiorani B, Romeo F, Angelini GD, Caputo M. 70th Italian Meeting of the Italian Society of Cardiologists, December 12-15, Roma, Italy. Giornale Italiano di Cardiologia 2009, Vol 10 Suppl 1:S68.
- *Preoperative Anemia increases Mortality and Postoperative Morbidity after cardiac Surgery.* **Miceli A**, de Siena P, Fiorani B, Romeo F, Angelini GD, Caputo M. Poster at 59th Annual Meeting American College of Cardiology (ACC) 2010, Atlanta, Georgia March 14-16. In JACC supplement 2010;55:A147.E1379.
- *Combined Clopidogrel and Aspirin Treatment up to Surgery Increases the Risk of Postoperative Myocardial Infarction, Bleeding and Reoperation in Patients Undergoing Isolated Coronary Bypass Grafting.* **Miceli A**, de Siena P, Fiorani B, Romeo F, Angelini GD, Caputo M. Oral Abstract in 59th Annual Meeting American College of Cardiology (ACC) 2010, Atlanta, Georgia March 14-16. In JACC supplement 2010;55:A99.E931.
- *Preoperative Anemia increases Mortality and Postoperative Morbidity after cardiac Surgery.* **Miceli A**, de Siena, P, Duggan, S, Iqbal, M, Capoun, R, Romeo F, Angelini GD, Caputo M. Society for Cardiothoracic Surgery in Great Britain and Ireland) (SCTS) Annual meeting 2010, March 7-9, Liverpool, UK.
- *Clopidogrel and Aspirin Treatment up to Surgery Increases the Risk of Postoperative Myocardial Infarction, Bleeding and Reoperation in Patients Undergoing Isolated Coronary Bypass Grafting.* **Miceli A**, de Siena, P, Duggan, S, Iqbal, M, Capoun, R, Romeo F, Angelini GD, Caputo M. Society for

Cardiothoracic Surgery in Great Britain and Ireland (SCTS) Annual meeting 2010, March 7-9, Liverpool, UK.

- *Renin-angiotensin antagonism system and acute kidney injury after cardiac surgery. A meta-analysis of over 20,000 patients.* **Miceli A**, Gilmanov D, Caputo M, Angelini GD, Romeo F, Glauber M. Oral presentation at the 42nd national meeting of the Italian association of hospital cardiologists, Florence 12 May. *Giornale italiano di cardiologia Suppl.* 2011.
- *Minimally invasive aortic valve replacement as first choice in elderly patients: a propensity score analysis.* **Miceli A**, Gilmanov D, Murzi M, Concistrè G, Chiaramonti F, Gasbarri T, Varone E, Pettinà L, Ferrarini M, Kallushi E, Bevilacqua S, Farneti PA, Glauber M. Poster 21st World Congress of the World Society of Cardio-Thoracic Surgeons, 12-15 June 2011, Berlin, Germany. *The Heart surgery Forum* 2011;14 S81-82.
- *Minimally aortic valve surgery through right anterior minithoracotomy: early and midterm follow-up.* **Miceli A**, de Siena PM, Duggan S, Iqbal M, Capuon R, Romeo F, Angelini GD, Caputo M. in Annual meeting of the society for Cardiothoracic Surgery in Great Britain and Ireland) SCTS, March 20-22, 2011, London UK.
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- *Minimally Invasive Mitral Valve Surgery can be Safely Taught to Young Surgeon* Murzi M, Cerillo A, Bevilacqua S, **Miceli A**, Glauber M. Poster at the Annual Scientific meeting international society for minimally invasive cardiac surgery (ISMICS) 2011, 8-11 June Washington DC, USA. Suppl in *Innovation* 2011;6:160-161.
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- *Right Anterior Minithoracotomy Versus Conventional Aortic Valve Surgery: A Propensity Score Matched Study.* Glauber M, **Miceli A**, Gilmanov D, Bevilacqua S, Concistrè G, Murzi M, Ferrarini M, Varone E, Chiaramonti F, Farneti PA, Solinas M. Oral presentation at the 6th Biennial Meeting of the Society for Heart Valve Surgery. Barcellona, Spain, June 25-28 2011.
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- *Antegrade and Retrograde Arterial Perfusion strategies in Minimally Invasive Mitral Valve surgery: a Propensity Score analysis on 1280 Patients.* Murzi M, Cerillo AG, **Miceli A**, Kallushi E, bianchi G, Bevilacqua S, Solinas M, Glauber M. 26th EACTS 2012 October 27-31 Barcelona, Spain, Interact Cardiovasc Thorac Surg 2012 ;15:s96.
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Asian Society for Cardiovascular and Thoracic Surgery Kobe 4-7 Aprile, Giappone.

- *Early Experience with Perceval S Sutureless Bioprostheses in Patients Undergoing Minimally Invasive Aortic Valve Replacement Via Right Anterior Minithoracotomy.* Glauber M, **Miceli A**, Murzi M, Gilmanov D, Bevilacqua S, Ferrarini M, Farneti PA, Solinas M. 21st annula meeting of the Asian Society for Cardiovascular and Thoracic Surgery April 4-7 Kobe, Japan.
- *Left Ventricular Mass Regression After Two Alternative Sutureless Aortic Bioprostheses.* Concistrè G, Pfeiffer S, Santarpino G, , Chiamonti F, **Miceli A**, Solinas M, Glauber M, Fischlein T. Annual Scientific meeting international society for minimally invasive cardiac surgery (ISMICS) 2013, June 13-15 Prague, Czech Republic.
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- *Training Surgeons in mitral valve repair directly through minimally invasive approaches.* Murzi M, Cerillo AG, Bevilacqua S, **Miceli A**, Solinas M, Glauber M. Annual Scientific meeting international society for minimally invasive cardiac surgery (ISMICS) 2013, June 13-15 Prague, Czech Republic.
- *Enhancing Departmental Quality Control in Minimally Invasive Aortic Valve Surgery: a Single Institution Experience.* Murzi M, Cerillo AG, **Miceli A**, Bevilacqua S, Solinas M, Farneti PA, Glauber M. Annual Scientific meeting international society for minimally invasive cardiac surgery (ISMICS) 2013, June 13-15 Prague, Czech Republic.

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- *Enhancing quality control and performance monitoring in thoracic aortic surgery: a ten-year single institution experience with 753 procedures.* Murzi M, **Miceli A**, Farneti PA, Cerillo AG, Glauber M. 27th Annual meeting European Association for Cardiothoracic Surgeons, October 7-9 2013, Wien. Austria. *Interact Cardiovasc Thoracic Surg* 2013; 17:S86-S87
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- *Monitoring the learning curve and quality of care during re-engineering towards right minithoracotomy Perceval S sutureless bioprosthesis implantation: a single center institution experience with 135 patients.* Murzi M, **Miceli A**, Gilmanov D, Farneti PA, Cerillo AG, Solinas M, Glauber M. 27th Annual meeting European Association for Cardiothoracic Surgeons, October 7-9 2013, Wien. Austria. *Interact Cardiovasc Thoracic Surg* 2013; 17:S147.
- *Prosthetic valve infective endocarditis following transcatheter aortic valve implantation: the results of a retrospective multicenter Italian Registry.* Naim C, Latib A, De Bonis M, Maisano F, Parolari A, Barbanti M, Tamburino C, Lorusso R, Fiorina C, Actis D'Atto GM, **Miceli A**, Cerillo AG, Rosato F, Di Gregorio O, Livi U, Di Vincentis C, Alamanni F, Casilli F, Muratori M, Sponga S, Colombo A. *J Am Coll Cardiol.* 2013; 62(18_S1):B35-B36. doi:10.1016/j.jacc.2013.08.837

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- *Aortic Valve Replacement Through Right Anterior Minithoracotomy: Can Sutureless Technology Improve Clinical Outcomes?* Gilmanov D, Solinas M, Miceli A, Ferrarini M, Farneti PA, Murzi M, Glauber M. 50th Annual Meeting Society for Thoracic Surgeons (STS) January 25-29 2014 Orlando, Florida.

Manuscripts under review

- *Preoperative Anemia Increases Mortality and Postoperative Morbidity After Cardiac Surgery.* **Miceli A**, Romeo F, Glauber M, Caputo M Angelini GD. Int J Cardiol
- *Determinants of long term functional capacity in patients undergoing mitral valve replacement for Ischemic mitral regurgitation.* Fino C, Iacovoni A, Ferrero P, D'Elia E, Merlo M, **Miceli A**, Senni M, Galletti L, Caputo M, Magne J. Heart
- *Minimally Invasive Aortic Valve Replacement With Perceval S Sutureless Valve Through Right Anterior Minithoracotomy Is Superior to Transcatheter Aortic Valve Implantation in High-Risk Patients: A Propensity-Matched Analysis.* Glauber M, Cerillo AG, Murzi M, Gilmanov D, Ferrarini M, Quaini E, Solinas M, **Miceli A**. Ann Thorac Surg
- *Controlling Reoxygenation During Cardiopulmonary Bypass Reduces Inflammatory and Stress Response in Paediatric Patients with Single Ventricular Anatomy Undergoing Heart Surgery.* Caputo M, Mohktari A, **Miceli A**, Ghorbel MT, Suleiman M. J Thorac Cardiovasc Surg.

- *Left ventricular mass regression after sutureless aortic bioprosthesis implantation: first results.* Concistrè G, **Miceli A**, Marchi F, Chiaramonti F, Farneti PA, Bevilacqua S, Solinas M, Glauber M. Tex Heart Inst

Manuscripts in progress:

- *Prosthetic valve infective endocarditis following transcatheter aortic valve implantation: the results of a retrospective multicenter Italian Registry.*
- *A clinical score to predict the need for intraaortic balloon pump in patients undergoing coronary artery bypass grafting: a multicenter study*
- *ECMO and fulminant myocarditis*
- *Minimally Invasive Aortic Valve Replacement with Edwards Intuity Valve System: Initial Experience.*
- *Early Outcomes of Patients Undergoing Transcatheter Aortic Valve Implantation or Surgical Aortic Valve Replacement After Previous Coronary Artery Bypass Grafting: insight from the OBSERVANT study*
- *Early Outcomes in Minimally invasive mitral valve surgery and depressed ejection fraction: A 8-year Experience.*
- *Minimally invasive mitral and aortic valve surgery through right anterior minithoracotomy: First results.*
- *Perceval S Sutureless Valve Choice in High-Risk Patients Undergoing Multiple Valve Surgery*

*Member of the **GIROC** (Italian Research Group on Cardiac Outcomes) working on the following retrospective studies:*

- Endocarditis and TAVI
- Italian aortic dissection registry
- Arterial grafts in patients on dialysis
- Platelet antiaggregation therapy after mitral valve repair
- Pacemaker implantation after cardiac surgery

- Risk factor for transient/permanent AV block after cardiac surgery
- Neurological events after CABG
- Impact of tricuspid regurgitation after mitral surgery in ischemic mitral regurgitation
- Complications after IABP

Invited speaker

- 2010 America Heart Association (AHA) Scientific Sessions 2010. 13-17 November, Chicago, Illinois, USA. Session Renal Function during Acute Cardiovascular events: Scope of the problem, reversibility and Impact on Outcomes”: Renal Function and Cardiac Surgery”.
- Updated days in cardiology, Massa Italy 18 May 2011: Minimally invasive approach in the traditional surgery.
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Date

01/11/2014

Signature

Antonio Miceli