

Dott. Piero Proietti

Curriculum formativo e professionale

Dott. Piero Proietti

DIPARTIMENTO DI SCIENZE CHIRURGICHE



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UNIVERSITÀ DI ROMA

Direttore: Prof. Enrico De Antoni

ESPERIENZE PROFESSIONALI

- 2004 ad oggi:** dal 10 giugno 2004 ad oggi
Contratto a tempo determinato Dlvo 368/01 come
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- 2002-2003:** dal 1 novembre 2002 al 31 dicembre 2003
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- 2001-2002:** dal 1 gennaio 2002 al 1 settembre 2002
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ATTIVITA' DIDATTICA E DI RICERCA

Dal **2005** docente presso la Scuola di Specializzazione in Cardiochirurgia dell'Università di Roma "la Sapienza "

Dal **2005** docente di Cardiochirurgia presso il corso di laurea in FISIOTERAPIA dell'Università di Roma "la Sapienza"

Dal **2006** docente di Cardiochirurgia presso la Scuola di Perfusionazione dell'Università di Roma "la Sapienza"

Dal **2007** docente di Cardiochirurgia presso il Master Universitario "Emergenze Medico Chirurgiche" dell'Università di Roma "la Sapienza"

Dal **2007** docente di Cardiochirurgia presso il corso di laurea in Medicina e Chirurgia" dell'Università di Roma "la Sapienza"

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-PROTESI CARDIACHE [v. vol XII, coll. 1450-1474; Agg.II, coll. **4679-4703]
FABIO MIRALDI E PIERO PROIETTI

ELENCO PUBBLICAZIONI

- 1) Sterpetti A, Cucina A, Randone B, Palumbo R, **Proietti P**, Cavallaro A. Growth factor production by arterial and vein graft: Relevance to coronary artery bypass grafting-Surgery. 120: 460-7, 1996.
- 2) Cucina A, Sterpetti A, Travi D, **Proietti P**, Cavallaro A. Fluid shear stress increases the release of platelet derived growth factor BB (PDGF BB) by aortic endothelial cells. *Minerva Cardioangiologica*. 1997;45:1-7.
- 3) Cucina A, Sterpetti A, **Proietti P**, Cavallaro A. Hemodynamic forces and endothelial cells behaviour. *Proceedings on Structural and Dynamic Models of Biomedical Interest*; Alfredo Colosimo ed. pp 113-116, 1994.
- 4) Sterpetti A, Cucina A, **Proietti P**, Cavallaro A. Hemodynamic forces and Atherosclerosis. *Proceedings on Structural and Dynamic Models of Biomedical Interest*. Alfredo Colosimo ed. pp 117-121, 1994.
- 5) Randone B, Sterpetti A, **Proietti P**, Cavallaro A. Produzione di fattori di crescita da parte di trapianti venosi. *Chirurgia*. 9:0-0, 1996.
- 6) Randone B, Sterpetti A, **Proietti P**, Cavallaro A. Produzione di fattori di crescita dopo bypass sperimentali in politetra fluoroetilene. *Chirurgia* 1996.
- 7) Cucina A, Sterpetti A, **Proietti P**, Cavallaro A. Hemodynamic forces modulate simultaneously the release of growth factors and the organization of cytoskeleton of aortic smooth muscle cells. *Minerva Cardioangiologica*. 43: 637-43, 1996.
- 8) Randone B, Sterpetti A, **Proietti P**, Cucina A. Growth factors and myointimal hyperplasia in experimental aortic allografts. *European Journal of Vascular Surgery*. 13, 66-71, 1997
- 9) Pierdominici S, Cristaldi A, Portieri M, **Proietti P**. Regional block anaesthesia in ambulatory surgical treatment of lower limbs varicose veins: our experience. *Ambulatory Surgery*. 1996.
- 10) Campagnol M, Di Giacomo G, **Proietti P**, Cavallaro A. Ambulatory treatment of varicocele: our experience. *Ambulatory Surgery*. 1996
- 11) Prifti E, Bonacchi M, Frati G, **Proietti P**, Leacche M, Giunti G, Brancaccio G. Right Y-grafts with the radial artery or free left internal thoracic artery anastomosed to the right internal thoracic artery: Flow dynamics. *Annals of Thoracic Surgery*. ()
- 12) Prifti E, Bonacchi M, Frati G, Leacche M, Salica A, Giunti G, **Proietti P**. Total arterial myocardial revascularization using internal mammary and radial arteries according new grafts techniques. pp.30. 11th Annual Meeting of the Scandinavian Society for Research in Cardiothoracic Surgery, february 2001.

- 13)Prifti E, Bonacchi M, Frati G, Giunti G, Leacche M, Ballo E, Furci B, **Proietti P**, Totaro M, Brancaccio G, Comito C, Toscano M. "Early and mid-term outcome of coronary artery bypass grafting in end-stage coronary artery disease patients". *Cor Europaeum* (2000) 8:93-99.
- 14)Prifti E, Bonacchi M, Frati G, Leacche M, Salica A, Baboci A, **Proietti P**, Furci B, Toscano M. "Strategies of surgical management in patients with severe porcelain aorta undergoing cardiac operations". *Cor Europaeum* (2000)8:161-164.
- 15)Prifti E, Bonacchi M, Frati G, Salica A, Leacche M, Furci B, **Proietti P**, Toscano M. Total arterial myocardial revascularization according the new composite y and T graft techniques. *Applied Pathophysiology of Cardiopulmonary bypass*
- 16)Prifti E; Leacche M, Frati G, Bonacchi M, Leacche M, **Proietti P**, Furci B, Brancaccio M, Toscano M. Mitral valve surgery for ischemic mitral insufficiency simultaneously to coronary revascularization. *Cardiovasc Surg* (see pubmed).
- 17)Prifti E, Bonacchi M, Frati G, **Proietti P**, Leacche M, Salica A. On pump beating heart myocardial revascularization in end stage coronary artery disease patients. *Cardiovasc Surg* (see pubmed).
- 18)Prifti E, Bonacchi M, Frati G, Leacche M, **Proietti P**, Furci B, Brancaccio M, Toscano M. Myocardial revascularization in dialised and chronic renal failure patients. Our 10 years experience and literature review. *Asian Annals of Thoracic and cardiovascular Surgery* (see pubmed).
- 19)Prifti E. Bonacchi M, Frati G, Leacche M, Salica A, Giunti G, **Proietti P**, Furci B, Miraldi F. Total arterial myocardial revascularization using internal mammary and/or radial arteries conduits according the new composite graft technique. *J Cardiac Surgery*, 2000 (see pubmed).
- 20)Prifti, E, Bonacchi M, Giunti G, Frati G, **Proietti P**, Leacche M, Salica A, Sani, Brancaccio G, Toscano M. Does on pump beating heart coronary artery bypass grafting offers better outcome in end-stage coronary artery disease patients. *J Cardiac Surgery* 2000 (see pubmed).
- 21)Prifti E, Bonacchi M, Frati G, Leacche M, Giunti G, **Proietti P**. Right Y graft with the free internal thoracic artery to right internal thoracic artery versus the right internal thoracic artery and radial artery: flow dynamics. *Annals of Thoracics Surgery* (see pubmed).
- 22)Prifti E, Bonacchi M, Frati G, **Proietti P**, Leacche M. Accessory mitral valve tissue. Current Review. *Annals of Thoracic Surgery* (see pubmed)
- 23)Prifti E, Bonacchi M, Frati G, **Proietti P**. Left innominate vein division and cannulation in a patient undergoing aortic arch surgery and retrograde cerebral perfusion. *Annals of Thoracic Surgery* (see pubmed).
- 24)Prifti E, Bonacchi M, Frati F, **Proietti P**, Leacche M, Giunti G. Should the moderate ischemic mitral regurgitation be surgically corrected in concomitance to myocardial revascularization in patients with impaired left ventricular function. *J Cardiac Surg* (see pubmed)

25)Prifti E, Bonacchi M, Frati F, **Proietti P**, Leacche M, Furci B. Staged repair versus simultaneous carotid surgery and coronary revascularization. J Cardiac Surg. (see pubmed)

COMUNICAZIONI AI CONGRESSI

- 1)Lepidi S, Sterpetti A, Cucina A, **Proietti P**, Cavallaro A. Growth factors production by polytetrafluoroethylent (PTFE) grafts depends on the degree of porosity. European Society for Surgical Research 30th Congress, 10-13 Maggio 1995 Amsterdam, The Netherlands.
- 2)Sterpetti A, Cucina A, **Proietti P**, Sipa S. Interleukin (IL-1) production by experimental vein grafts: a possible mediator for myointimal hyperplasia formation. European Society for Vascular Surgery, Ottobre 1995, Belgio
- 3)Morelli MMOE, Campagnol M, **Proietti P**, Cavallaro A. La crossectomia ambulatoriale della VGS VPS: Esperienza di un servizio di Chirurgia Generale. I Congresso Nazionale della Società Italiana di Chirurgia Ambulatoriale e di Day Surgery. Milano 26-27 gennaio 1996.
- 4)Pierdominici S, Cristaldi A, **Proietti P**. Anestesia tronculare nelle varici degli arti inferiori: nostra esperienza. IV Congresso Internazionale "ONE DAY SURGERY" Verona 12-14 Giugno 1996
- 5)Campagnol M, DiGiacomo G, **Proietti P**, Cavallaro A Trattamento ambulatoriale del varicocele: nostra esperienza. IV Congresso Internazionale "ONE DAY SURGERY" Verona 12-14 giugno 1996
- 6) Pierdominici S, Morelli MMOE, **Proietti P**, Cavallaro A.
Regional block anaesthesia in ambulatory surgical treatment of lower limbs varicose veins:
our experience 2ND INTERNATIONAL & 4TH EUROPEAN CONGRESS ON AMBULATORY SURGERY- LONDON, 16TH-18TH APRIL 1997.
- 7)Campagnol M, Di Giacomo M, **Proietti P**, Cavallaro A Anesthesia in the ambulatory surgery of
Carpal tunnel syndrome. 2ND INTENATIONAL AND 4TH EUROPEAN CONGRESS ON AMBULATORY SURGERY LONDON, 16TH-18TH APRILE 1997.
- 8)Cavallaro A, Campagnol M, **Proietti P** Pilonidalis disease: ambulatory surgical treatment. 2ND INTERNATIONAL AND 4TH EUROPEAN CONGRESS ON AMBULATORY SURGERY-LONDON, 16TH-18TH APRIL 1997.

- 9) Giovannelli, A, **Proietti P** Speciale G, Coppola. Mitral valve repair in ischemic heart disease Congresso Società Italiana di Chirurgia Cardiaca ROMA, Dicembre 2002
- 10) De Vincentiis C, Giamberti A, **Proietti P**, Menicanti L, Frigiola A: Radiofrequency ablation of atrial fibrillation: our experience. Congresso della società internazionale di elettrofisiologia cardiaca. Marilleva Dicembre 2003
- 11) G. Speciale, A. Pasquè, A. Giovannelli, M. Commodo, **P. Proietti**, R. Coppola: Mitral valve repair versus replacement in ischemic mitral valve regurgitation. XXIV Congresso Nazionale della Società Italiana di Chirurgia Cardiaca e Vascolare, Roma 23 - 27 November 2002
- 12) A. Giovannelli, G. Speciale, A. Pasquè, **P. Proietti**, R. Coppola: Treatment of ischemic mitral valve regurgitation: valve repair versus replacement. 10th Annual Meeting of the Egyptian Society of Cardio-Thoracic Surgery, Cairo 19 – 21 February 2003
- 13) A. Giovannelli, G. Speciale, A. Pasquè, **P. Proietti**, N. Alessandri, R. Coppola: Plastica mitrale versus sostituzione valvolare mitralica nell'insufficienza mitrale postischemica. XI Congresso Nazionale della Società Italiana di Ricerche Cardiovascolari. Latina, 23 – 25 settembre 2004
- 14) A. Giovannelli, **P. Proietti**, G. Speciale, R. Coppola, C. Deville: Mitral valve repair vs replacement in ischemic mitral valve regurgitation. XXII National Meeting - Italian Society for Cardiac Surgery, Bologna, 6 - 9 November 2004
- 15) A. Giovannelli, N. Alessandri, **P. Proietti**, G. Speciale, R. Coppola, P. Notarstefano, C. Deville: Rivascolarizzazione miocardica nell'ottuagenario: complicanze perioperatorie e risultati a medio termine. 65° Congresso Nazionale della Società Italiana di Cardiologia. Roma 11– 15 Dicembre 2004
- 16) A. Giovannelli, N. Alessandri, **P. Proietti**, G. Speciale, R. Coppola, C. Deville: Valvuloplastica mitrale versus sostituzione valvolare nell'insufficienza mitralica ischemica. 65° Congresso Nazionale della Società Italiana di Cardiologia. Roma 11 – 15 Dicembre 2004
- 17) A. Giovannelli, N. Alessandri, **P. Proietti**, G. Speciale, A. Pasquè, R. Coppola: Revascularisation myocardique chez l'octogénaire: complications postopératoires et résultats a moyen terme. 58° Congrès de la Société Française de Chirurgie Thoracique et Cardio-Vasculaire. Paris 11 – 16 Juin 2005
- 18) A. Giovannelli, N. Alessandri, **P. Proietti**, G. Speciale, A. Pasquè, R. Coppola: Réparation valvulaire mitrale versus remplacement dans l'insuffisance mitrale ischémique. 58° Congrès de la Société de Chirurgie Thoracique et Cardio-Vasculaire de langue française . Paris 11 – 16 Juin 2005
- 19) A. Giovannelli, N. Alessandri, **P. Proietti**, G. Speciale, A. Pasquè, R. Coppola: Bypass surgery in octogenarians: post-operative outcome and mid-terms results. The 17th Biennial Congress of the Association of Thoracic and Cardiovascular Surgeons of Asia (ATCSA) Manila, Philippines, 20 - 23 November, 2005

20)A. Giovannelli, **P. Proietti**, C. Acar, A. Pavie, I. Gandjbakhch, N. Alessandri: Mitral valve repair vs replacement in ischemic mitral valve regurgitation. The 17th Biennial Congress of the Association of Thoracic and Cardiovascular Surgeons of Asia (ATCSA) Manila, Philippines, 20 - 23 November, 2005

21)A. Giovannelli **P. Proietti**, N. Alessandri, A. Perrotti, I. Gandjbakhch: Coronary bypass surgery in octogenarians: post-operative outcome and mid-terms results. Cardiac Surgery Update and Progress – CSUP, Topic 2007 Coronary Artery Disease. Lech – Zurs, Austria, 17 - 24 March 2007

22)A. Giovannelli, **P. Proietti**, N. Alessandri, A. Perrotti, R. Nottin, I. Gandjbakhch: Coronary-coronary bypass graft: an arterial conduit sparing procedure. Cardiac Surgery Update and Progress – CSUP, Topic 2007 Coronary Artery Disease. Lech – Zurs, Austria, 17 - 24 March 2007

23)A. Giovannelli, **P. Proietti**, A. Perrotti, N. Alessandri, I. Gandjbakhch: Redo surgery for aortic valve replacement after previous coronary artery bypass grafting. Cardiac Surgery Update and Progress – CSUP, Topic 2007 Coronary Artery Disease. Lech – Zurs, Austria, 17 - 24 March 2007

PARTECIPAZIONE A CORSI E CONGRESSI

- 1) 4th Congresso Internazionale di Chirurgia Mininvasiva Verona, 12-14 Giugno 1996
- 2) 2nd International & 4th European Congress on Ambulatory Surgery, Londra ,16-17 Aprile 1997 Marzo 1996
- 3) Cardiac Surgery 2000 National Heart & Lung Institute, Imperial College School of Medicine London May 2000
- 4) European branch of International Heart school "J.W. Kirklin" "Cyanotic Heart Defects-Aortic Valve Surgery Bergamo, 23-25/3/2001
- 5) Settima Giornata di Cardiologia Interventistica Roma 7 Aprile 2001
23-27 Novembre 2002
Simposio Satellite Nuove Tecnologie in chirurgia cardiaca:strumenti,cellule e device di domani
- 6) 16th Annual Meeting of "The European Association for Cardio-Thoracic Surgery"
Monaco 22-25 September 2002
- 7) XXI Congresso della " Società Italiana di Chirurgia Cardiaca" Roma 2002
- 8) 2nd Annual Meeting of "EACTS/ESTS JOINT MEETING", Vienna, Austria 12-15 October 2003
- 9) 25th Congress of the "International Society of Cardiac electrophysiology"
Marilleva, Gennaio 2004
- 10) 2° Incontro Romano di Cardioanestesia , Roma 26-27 Novembre 2005
- 11) Mechanical Circulatory Support Systems Workshop at the Deutsches Herzzentrum Berlin March 16-18, 2009

12)1st European Practical Course on Minimally Invasive and Video Assisted Mitral Surgery Rome, 7-8 July 2011 15 ore esame finale

13) Hands .on Cardiac Morphology Course held on 18th-20th April 2012 at UCL Institute of Child Health London

14)22nd World Congress of the World Society of Cardio-Thoracic Surgeons (WSCTS2012) on September 9-11,2012 Vancouver,BC,Canada

15)26th Annual Meeting of EACTS Monday 29th-Wednesday 31st on September 2012 Barcelona, Spain

16)Aggiornamenti di Ecocardiografia Fetale Roma 1/07/2013 Sapienza Università di Roma

18)Miniclub 2012- Third annual meeting
MODERN APPROACH TO AORTIC VALVE DISEASE Rome on September 26th -27th 2012

19) the Society for Heart Valve Disease & The Heart Valve Society of America, 7th Biennial Congress 22-25 June 2013, Venice Italy

18)28th EACTS Annual Meeting 11st-15th October,2014 Milan, Italy

19)BioSurgery Symposium Hands-on Workshop Vienna March 19-20, 2015

20)29th EACTS Annual Meeting Saturday 3rd –Wednesday 7th October, 2015 Amsterdam, Netherlands

21)2nd Pan American Workshop for Mechanical Circulatory Support and heart Transplantation Tampa, Florida- December 10-12,2015

22) A Journey Across the Aortic Valve EACTS Scientific Course 27-28 June 2016 Rome

23)MICS 2016 The first Mitral Conferences June 17th-18th,2016 ROME

List of publications

- ┐ 1: Miraldi F, di Gioia CR, Proietti P, De Santis M, d'Amati G, Gallo P.

Cardinal vein isomerism. An embryological hypothesis to explain a persistent left superior vena cava draining into the roof of the left atrium in the absence of coronary sinus and atrial septal defect.

Cardiovasc Pathol. 2002 May-Jun;11(3):149-52. No abstract available.
PMID: 12031766 [PubMed - in process]

- ┐ 2: Bonacchi M, Prifti E, Frati G, Leacche M, Giunti G, Proietti P, Salica A, Papalia U.

Concomitant carotid endarterectomy and coronary bypass surgery: should cardiopulmonary bypass be used for the carotid procedure?

- J Card Surg. 2002 Jan-Feb;17(1):51-9.
PMID: 12027128 [PubMed - indexed for MEDLINE]
- 3: Prifti E, Vanini V, Bonacchi M, Murzi B, Frati G, Proietti P, Bernabei M, Giunti G, Luisi SV.
Reconstructive surgery for congenitally malformed mitral valve.
J Heart Valve Dis. 2002 Mar;11(2):145-52.
PMID: 12000152 [PubMed - in process]
- 4: Prifti E, Bonacchi M, Frati G, Giunti IG, Leacche M, Proietti P, Babatasi G, Sani G.
Should mild-to-moderate and moderate ischemic mitral regurgitation be corrected in patients with impaired left ventricular function undergoing simultaneous coronary revascularization?
J Card Surg. 2001 Nov-Dec;16(6):473-83.
PMID: 11925028 [PubMed - indexed for MEDLINE]
- 5: Prifti E, Bonacchi M, Frati G, Proietti P, Giunti G, Babatasi G, Massetti M, Sani G.
Early and long-term outcome in patients undergoing aortic root replacement with composite graft according to the Bentall's technique.
Eur J Cardiothorac Surg. 2002 Jan;21(1):15-21.
PMID: 11788249 [PubMed - indexed for MEDLINE]
- 6: Prifti E, Bonacchi M, Giunti G, Frati G, Proietti P, Leacche M, Salica A, Sani G, Brancaccio G.
Does on-pump/beating-heart coronary artery bypass grafting offer better outcome in end-stage coronary artery disease patients?
J Card Surg. 2000 Nov-Dec;15(6):403-10.
PMID: 11678463 [PubMed - indexed for MEDLINE]
- 7: Prifti E, Bonacchi M, Frati G, Giunti G, Proietti P, Leacche M, Massetti M, Babatasi G, Sani G.
Beating heart myocardial revascularization on extracorporeal circulation in patients with end-stage coronary artery disease.
Cardiovasc Surg. 2001 Dec;9(6):608-14.
PMID: 11604346 [PubMed - indexed for MEDLINE]
- 8: Prifti E, Bonacchi M, Frati G, Proietti P, Giunti G, Leacche M.
Lambda graft with the radial artery or free left internal mammary artery anastomosed to the right internal mammary artery: flow dynamics.
Ann Thorac Surg. 2001 Oct;72(4):1275-81.
PMID: 11603448 [PubMed - indexed for MEDLINE]
- 9: Bonacchi M, Prifti E, Frati G, Leacche M, Salica A, Giunti G, Proietti P, Furci B, Miraldi F.
Total arterial myocardial revascularization using new composite graft techniques for internal mammary and/or radial arteries conduits.
J Card Surg. 1999 Nov-Dec;14(6):408-16.
PMID: 11021365 [PubMed - indexed for MEDLINE]
- 10: Aromataro C, Sterpetti AV, Palumbo R, Patrizi AL, Di Carlo A, Proietti P, Guglielmi MB, Cavallaro A, Santoro-D'Angelo L, Cucina A.
Fluid shear stress increases the release of platelet derived growth factor BB (PDGF BB) by aortic endothelial cells.
Minerva Cardioangiol. 1997 Jan-Feb;45(1-2):1-7.
PMID: 9167422 [PubMed - indexed for MEDLINE]

- 11: Randone B, Sterpetti AV, Stipa F, Proietti P, Aromatario C, Guglielmi MB, Palestini M, Santoro-D'Angelo L, Cavallaro A, Cucina A.
Growth factors and myointimal hyperplasia in experimental aortic allografts.
Eur J Vasc Endovasc Surg. 1997 Jan;13(1):66-71.
PMID: 9046917 [PubMed - indexed for MEDLINE]
- 12: Cucina A, Sterpetti AV, di Carlo A, Randone B, Aromatario C, Proietti P, Giustiniani Q, Cavallaro A, Santoro-D'Angelo L.
Hemodynamic forces modulate simultaneously the release of growth factors and the organisation of cytoskeleton of aortic smooth muscle-cells.
Minerva Cardioangiol. 1996 Dec;44(12):637-43.
PMID: 9053817 [PubMed - indexed for MEDLINE]
- 13: Sterpetti AV, Cucina A, Randone B, Palumbo R, Stipa F, Proietti P, Saragosa MT, Santoro-D'Angelo L, Cavallaro A.
Growth factor production by arterial and vein grafts: relevance to coronary artery bypass grafting.
Surgery. 1996 Sep;120(3):460-7.
PMID: 8784398 [PubMed - indexed for MEDLINE]