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## Curriculum Vitae

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NAME Andrea Picchi	POSITION TITLE <b>MD, PhD, Interventional Cardiologist.</b>
DATE OF BIRTH 1974	

### EDUCATION/TRAINING

INSTITUTION AND LOCATION	DEGREE	YEAR(s)	FIELD OF STUDY
University of Siena	Medical Degree	1993 -1999	Medicine
University of Siena	Fellowship	1999 -2003	Cardiology
University of Siena and Department of Physiology, LSU Health Sciences Center, School of Medicine, New Orleans, LA. Louisiana State University	Postdoctoral Fellowship	2004-2008	Molecular Cardiology
University of Florence	Master	2011-2012	Clinical Competence in Cardiology Intensive Care Unit

### **Positions and Employment:**

Interventional Cardiologist,  
Director of the Interventional Cardiology Unit  
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**Editorial Board Memberships:** Giornale Italiano di Cardiologia

### **Journal Reviewer:**

1. American Journal of Physiology
2. Heart
3. International Journal of Cardiology
4. Journal of Cardiovascular Medicine
5. Eurointervention
6. European Heart Journal
7. European Heart Journal Cardiovascular Imaging

### **Clinical Trials Attendance:**

1. EUROVISION (Principal Investigator)
2. BEST (Subinvestigator)
3. CHAMPION (Subinvestigator)
4. E-Select (Subinvestigator)
5. CHAMPION PHOENIX (Principal Investigator)
6. MODIFY (Principal Investigator)
7. REGULATE-PCI (Principal Investigator)
8. MATRIX (Subinvestigator)

9. MATRIX-OCT (Principal Investigator)
10. RE-DUAL PCI (Principal Investigator)
11. PACIFIC-AMI (Principal Investigator)
12. AMUNDSEN (Principal Investigator)
13. ARTEMIS (Principal Investigator)

**Publications (in chronological order):**

1. **Picchi A**, Guerrini F, Ammataro T, Barbati R, Mondillo S. Una stenosi digitale. *Cardiol Extraosp* 2000;3:316-318
2. Ammataro T, Guerrini F, Barbati R, **Picchi A**, Mondillo S. "Pop-corn" cardiaco. *Cardiol Extraosp* 2001;1:298-300.
3. Mondillo S, Agricola E, Ammataro T, Guerrini F, Barbati R, Focardi M, **Picchi A**, Ballo P, Nami R. Prognostic value of dipyridamole stress echocardiography in hypertensive patients with left ventricular hypertrophy, chest pain and resting electrocardiographic repolarization abnormalities. *Can J Cardiol*. 2001 May;17(5):571-7.
4. Neri E, Toscano T, Massetti M, Frati G, Buklas D, Tucci E, Capannini G, Mondillo S, **Picchi A**, Guerrini F, Sassi C. Surgical treatment of abdominal aortic aneurysms associated with aortic valve incompetence: strategies and outcomes. *Cardiovasc Surg*. 2002 Oct;10(5):452-9.
5. Mondillo S, Ballo P, Barbati R, Guerrini F, Ammataro T, Agricola E, Pastore M, Borrello F, Belcastro M, **Picchi A**, Nami R. Effects of simvastatin on walking performance and symptoms of intermittent claudication in hypercholesterolemic patients with peripheral vascular disease. *Am J Med* 2003 Apr 1;114(5):359-64.
6. **Picchi A**, Focardi M, Capannini G, Mondillo S. Aortic dissection after aortic valve replacement--a case report and literature review. *Angiology* 2003 Nov-Dec;54(6):715-9. Review.
7. Ballo P, Mondillo S, Guerrini F, Barbati R, **Picchi A**, Focardi M. Midwall mechanics in physiologic and hypertensive concentric hypertrophy. *J Am Soc Echocardiogr* 2004 May;17(5):418-27.
8. Knudson JD, Dincer UD, Zhang C, Swafford AN, Jr., Koshida R, **Picchi A**, Focardi M, Dick GM, and Johnathan D Tune. Leptin Receptors are Expressed in Coronary Arteries and Hyperleptinemia Causes Significant Coronary Endothelial Dysfunction. *Am J Physiol Heart Circ Physiol* 2005 Jul;289(1):H48-56.
9. **Picchi A**, Xue G, Guilbeau ET, Xu X, Zhang C. TNF-alpha Contributes to Endothelial Dysfunction in Coronary Arterioles in the Metabolic Syndrome. *Circulation* 2005 October;112;17,II-131(Abstract).
10. Focardi M, **Picchi A**, Dick GM, Zhang C, Chilian WM. Coronary Endothelial Function Restored in Obese Zucker Rats by a Low Carbohydrate Diet. *Circulation* 2005 October;112;17,II-216 (Abstract).
11. **Picchi A**, Gao X, Belmadani S, Potter BJ, Focardi M, Chilian WM, Zhang C. Tumor necrosis factor-alpha induces endothelial dysfunction in the prediabetic metabolic syndrome. *Circulation Research*. 2006 Jul 7;99(1):69-77.
12. Focardi M, Dick GM, **Picchi A**, Zhang C, Chilian WM. Restoration of Coronary Endothelial Function In Obese Zucker Rats By A Low Carbohydrate Diet. *Am J Physiol Heart Circ Physiol*. 2007 Jan 12; Epub ahead of print.
13. Gao X, Belmadani S, **Picchi A**, Xu X, Potter BJ, Tewari-Singh N, Capobianco S, Chilian WM, Zhang Cuihua. Tumor Necrosis Factor-alpha induces Endothelial Dysfunction in Lepr(db) Mice. *Circulation* 2007 Jan 16;115(2):245-54.
14. **Picchi A**, Zacà V, Focardi M et al. Beneficial effect of post-procedural abciximab in patients undergoing primary coronary angioplasty and presenting with the no-reflow phenomenon. *Acute Cardiac care* 2008;10(2):100-3.
15. **Picchi A**, Pasqualini P, D'Aiello I, Cortese B, Micheli A, Limbruno U. Acute ST-elevation myocardial infarction in a 15-year old boy with celiac disease and multifactorial thrombotic risk. *Thrombosis and Haemostasis* 2008; 99:1116-1118.
16. Cortese B, **Picchi A**, Micheli A, Limbruno U. Intracoronary bivalirudin for no reflow reversal: a second chance to treat this disorder? *J Thromb Thrombolysis* 2008.
17. Zhang C, Park Y, **Picchi A**, Potter BJ. Maturation-induced endothelial dysfunction via vascular

inflammation in diabetic mice. *Basic Res Cardiol* 2008;103:407-416.

18. Cortese B, Micheli A, **Picchi A**, Limbruno U. Combined, superselective pharmacological management of large coronary thrombus burden. *J Invasive Cardiol*. 2009 Apr;21(4):168-71.
19. Focardi M, **Picchi A**, Nikiforakis N, Bargagli E, Fossi A, Maggiorelli C, Mondillo S, Rottoli P. Assessment of cardiac involvement in sarcoidosis by echocardiography. *Rheumatol Int*. 2009 Jul;29(9):1051-5.
20. Cortese B, Micheli A, **Picchi A**, Bandinelli L, Brizi MG, Severi S, Limbruno U. Safety and efficacy of a prolonged bivalirudin infusion after urgent and complex percutaneous coronary interventions: a descriptive study. *Coron Artery Dis*. 2009 Aug;20(5):348-53.
21. Cortese B, **Picchi A**, Micheli A, Ebert AG, Parri F, Severi S, Limbruno U. Comparison of prolonged bivalirudin infusion versus intraprocedural in preventing myocardial damage after percutaneous coronary intervention in patients with angina pectoris. *Am J Cardiol*. 2009 Oct 15;104(8):1063-8.
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23. Gao X, **Picchi A**, Zhang C. Upregulation of TNF-alpha and Receptors Contribute to Endothelial Dysfunction in Zucker Diabetic Rats. *Am J Biomed Sci*. 2010;2(1):1-12
24. Cortese B, Micheli A, **Picchi A**, Coppolaro A, Bandinelli L, Severi S, Limbruno U. Paclitaxel-coated balloon versus drug-eluting stent during PCI of small coronary vessels, a prospective randomised clinical trial. The PICCOLETO Study. *Heart*. 2010 Aug;96(16):1291-6.
25. **Picchi A**, Capobianco S, Qiu T, Focardi M, Zou X, Cao JM, Zhang C. Coronary microvascular dysfunction in diabetes mellitus: A review. *World J Cardiol* 2010 November 26; 2(11): 377-390
26. Bolognese L, Falsini G, Grotti S, Limbruno U, Liistro F, Carrera A, Angioli P, **Picchi A**, Ducci K, Pierli C. The contrast media and nephrotoxicity following coronary revascularization by primary angioplasty for acute myocardial infarction study: design and rationale of the CONTRAST-AMI study. *J Cardiovasc Med (Hagerstown)*. 2010 Mar;11(3):199-206.
27. **Picchi A**, Micheli A, Limbruno U. The traumatic effect of balloon dilatation on neointimal hyperplasia: what we did not see before optical coherence tomography. *Heart*. 2011 97(3):265-6.
28. Bolognese L, Falsini G, Schwenke C, Grotti S, Limbruno U, Liistro F, Carrera A, Angioli P, **Picchi A**, Ducci K, Pierli C. Impact of Iso-Osmolar Versus Low-Osmolar Contrast Agents on Contrast-Induced Nephropathy and Tissue Reperfusion in Unselected Patients With ST-Segment Elevation Myocardial Infarction Undergoing Primary Percutaneous Coronary Intervention (From the Contrast Media and Nephrotoxicity Following Primary Angioplasty for Acute Myocardial Infarction [CONTRAST-AMI] Trial). *Am J Cardiol* 2011 Jan 1;109(1):67-74.
29. **Picchi A**, Limbruno U, Focardi M, Cortese B, Micheli A, Boschi L, Severi S, De Caterina R. Increased basal coronary blood flow as a cause of reduced coronary flow reserve in diabetic patients. *Am J Physiol Heart Circ Physiol* 2011 Dec;301(6):H2279-84
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35. **Picchi A**, Calabria P, Micheli A, Limbruno U. A multi-device approach to an unusual case of left main thrombosis: when manual thrombectomy is not enough. *G Ital Cardiol (Rome)*. 2013 Oct;14(10):677-80.

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37. **Picchi A**, Valente S, Gensini G. Therapeutic hypothermia in the intensive cardiac care unit. *J Cardiovasc Med (Hagerstown)*. 2015 May;16(5):363-71.
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39. Cresti A, García-Fernández MA, Miracapillo G, **Picchi A**, Cesareo F, Guerrini F, Severi. Frequency and Significance of Right Atrial Appendage Thrombi in Patients with Persistent Atrial Fibrillation or Atrial Flutter. *J Am Soc Echocardiogr*. 2014 Nov;27(11):1200-7
40. **Picchi A**, Limbruno U, Andò G, Brugaletta S, Cortese B, De Carlo M, Garcia-Garcia HM, Palmieri C, Regar E, Rigattieri S, Sardella G, Zimarino M, Valgimigli M. Optical coherence tomography appraisal of residual thrombus burden in patients with ST-segment elevation myocardial infarction undergoing intraprocedural versus post-stenting prolonged bivalirudin infusion. Rationale and design of the MATRIX (Minimizing Adverse Haemorrhagic Events by TRansradial Access Site and angioX) OCT substudy. *EuroIntervention*. 2015 Mar;10(11):1311-7.
41. **Picchi A**, Musumeci G, Calabria P, Cresti A, Rescigno R, Aruffo A, Prati F, Limbruno U. Comparison of Strut Coverage at 6 Months by Optical Coherence Tomography With Everolimus-Eluting Stenting of Bare-Metal Stent Restenosis Versus Stenosis of Nonstented Atherosclerotic Narrowing (from the DESERT Study). *Am J Cardiol*. 2015 May 15;115(10):1351-6.
42. Cresti A, García-Fernández MA, De Sensi F, Miracapillo G, **Picchi A**, Scalese M, Severi S. Prevalence of auricular thrombosis before atrial flutter cardioversion: a 17-year transoesophageal echocardiographic study. *Europace*. 2015 May 27. pii: euv128. [Epub ahead of print].
43. Misuraca L, Pasqualini P, Baratta P, Calabria P, **Picchi A**, Cresti A, Limbruno U, Severi S. Sequential spontaneous coronary artery dissection in a female patient on oral ephedrine. *G Ital Cardiol (Rome)*. 2015 Sep;16(9):513-6.
44. Cresti A, Misuraca L, Pieraccini M, Calabria P, Sinesi L, **Picchi A**, Limbruno U, Severi S. An unexpected culprit lesion: subclavian artery stenosis. *G Ital Cardiol (Rome)*. 2015 Oct;16(10):574-7
45. Misuraca L, Guerrieri G, Calabria P, Cresti A, **Picchi A**, Limbruno U. A very rare coronary artery anomaly in a patient with corrected transposition of the great arteries. *G Ital Cardiol (Rome)*. 2015 Dec;16(12):700-1.
46. Prati F, Romagnoli E, Limbruno U, Pawlowski T, Fedele S, Gatto L, Di Vito L, Pappalardo A, Ramazzotti V, **Picchi A**, Trivisonno A, Materia L, Pfiatkosky P, Paoletti G, Marco V, Tavazzi L, Versaci F, Stone GW. Randomized evaluation of intralesion versus intracoronary abciximab and aspiration thrombectomy in patients with ST-elevation myocardial infarction: The COCTAIL II trial. *Am Heart J*. 2015 Dec;170(6):1116-23
47. Colombo A, Basavarajaiah S, Limbruno U, **Picchi A**, Lettieri C, Valgimigli M, Sciahbasi A, Prati F, Calabresi M, Pierucci D, Guglielmotti A. A double-blind randomised study to evaluate the efficacy and safety of bindarit in preventing coronary stent restenosis. *EuroIntervention*. 2015 Dec 23;11(8).
48. **Picchi A**, Ferlini M, Limbruno U, De Servi S. Which long-term antiplatelet regimen for patients with acute coronary syndromes? *Cardiovasc Drugs Ther*. 2016 Jun;30(3):333-8. Review.
49. Di Vito L, Imola F, Gatto L, Romagnoli E, Limbruno U, Marco V, **Picchi A**, Micari A, Albertucci M, Prati F. Limitations of OCT in identifying and quantifying lipid components. An in-vivo comparison study with IVUS-NIRS. *EuroIntervention*. 2016 Dec 15. [Epub ahead of print].
50. **Picchi A**, Leone AM, Zilio F, Cerrato E, D'Ascenzo F, Fineschi M, Rigattieri S, Ferlini M, Cameli M, Calabria P, Cresti A, Limbruno U. Outcome of coronary lesions with deferred revascularization due to negative fractional flow reserve in subjects with acute coronary syndrome. *Int J Cardiol*. 2017 Mar 1;230:335-338.
51. Vranckx P, Frigoli E, Rothenbühler M, Tomassini F, Garducci S, Andò G, **Picchi A**, Sganzerla P, Paggi A, Ugo F, Ausiello A, Sardella G, Franco N, Nazzaro M, de Cesare N, Tosi P, Falcone C, Vigna C, Mazzarotto P, Di Lorenzo E, Moretti C, Campo G, Penzo C, Pasquetto G, Heg D, Jüni P, Windecker S, Valgimigli M;

- MATRIX Investigators. Radial versus femoral access in patients with acute coronary syndromes with or without ST-segment elevation. *Eur Heart J*. 2017 Apr 7;38(14).
52. Cresti A, Chiavarelli M, Scalese M, Nencioni C, Valentini S, Guerrini F, D'Aiello I, **Picchi A**, De Sensi F, Habib G. Epidemiological and mortality trends in infective endocarditis, a 17-year population-based prospective study. *Cardiovasc Diagn Ther*. 2017 Feb;7(1):27-35.
53. Vranckx P, Frigoli E, Rothenbühler M, Tomassini F, Garducci S, Andò G, **Picchi A**, Sganzerla P, Paggi A, Ugo F, Ausiello A, Sardella G, Franco N, Nazzaro M, de Cesare N, Tosi P, Falcone C, Vigna C, Mazzarotto P, Di Lorenzo E, Moretti C, Campo G, Penzo C, Pasquetto G, Heg D, Jüni P, Windecker S, Valgimigli M; MATRIX Investigators. Radial versus femoral access in patients with acute coronary syndromes with or without ST-segment elevation. *Eur Heart J*. 2017 Apr 7;38(14):1069-1080
54. D'Ascenzo F, Iannaccone M, De Filippo O, Leone AM, Niccoli G, Zilio F, Ugo F, Cerrato E, Fineschi M, Mancone M, Rigattieri S, Amabile N, Ferlini M, Sardella G, Cresti A, Barbero U, Motreff P, Colombo F, Colangelo S, Garbo R, Biondi-Zoccai G, Tamburino C, Montefusco A, Omedè P, Moretti C, D'amico M, Souteyrand G, Gaita F, Limbruno U, **Picchi A**. Optical coherence tomography compared with fractional flow reserve guided approach in acute coronary syndromes: A propensity matched analysis. *Int J Cardiol*. 2017 Oct 1;244:54-58
55. Cresti A, Giordano R, Koestenberger M, Spadoni I, Scalese M, Limbruno U, Falorini S, Stefanelli S, **Picchi A**, De Sensi F, Malandrino A, Cantinotti M. Incidence and natural history of neonatal isolated ventricular septal defects: Do we know everything? A 6-year single-center Italian experience follow-up. *Congenit Heart Dis*. 2017 Aug 30.
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57. Moretti C, Cerrato E, Cavallero E, Lin S, Rossi ML, **Picchi A**, Sanguineti F, Ugo F, Palazzuoli A, Bertaina M, Presbitero P, Shao-Liang C, Pozzi R, Giammaria M, Limbruno U, Lefèvre T, Gasparetto V, Garbo R, Omedè P, Sheiban I, Escaned J, Biondi-Zoccai G, Gaita F, Perl L, D'Ascenzo F. The EUROpean and Chinese cardiac and renal Remote Ischemic Preconditioning Study (EURO-CRIPS CardioGroup I): A randomized controlled trial. *Int J Cardiol*. 2018 Apr 15;257:1-6.
58. Barbero U, D'Ascenzo F, Campo G, Kleczyński P, Dziewierz A, Menozzi M, Jiménez Díaz VA, Cerrato E, Raposeiras-Roubín S, Ielasi A, Rognoni A, Fineschi M, Kanji R, Jaguszewski MJ, **Picchi A**, Andò G, Soraci E, Mancone M, Sardella G, Calcagno S, Gallo F, Huczek Z, Krakowian M, Verardi R, Montefusco A, Omedè P, Lococo M, Moretti C, D'Amico M, Rigattieri S, Gaita F, Rinaldi M, Escaned J. Safety of FFR-guided revascularisation deferral in Anatomically prognostic disease (FACE: CARDIOGROUP V STUDY): A prospective multicentre study. *Int J Cardiol*. 2018 Jun 8. pii: S0167-5273(17)36370-2.
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60. **Picchi A**, Garcia-Garcia HM, Sardella G, Adamo M, Frigoli E, Limbruno U, Rigattieri S, Diletti R, Boccuzzi G, Zimarino M, Contarini M, Russo F, Calabro P, Andò G, Varbella F, Garducci S, Palmieri C, Briguori C, Kuku KO, Rothenbühler M, Karagiannis A, Valgimigli M. OCT Appraisal of Residual Thrombus Burden in Patients With STEMI Undergoing Intraprocedural Versus Post-Stenting Prolonged Bivalirudin Infusion: The MATRIX OCT Study. *JACC Cardiovasc Imaging*. 2019 May;12(5):934-936.
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63. Garcia-Garcia HM, Adamo M, Soud M, Yacob O, **Picchi A**, Sardella G, Frigoli E, Limbruno U, Rigattieri S, Diletti R, Boccuzzi G, Zimarino M, Contarini M, Russo F, Calabrò P, Andò G, Varbella F, Garducci S, Palmieri C, Briguori C, Karagiannis A, Valgimigli M. Assessment of residual thrombus burden in patients with ST-segment elevation myocardial infarction undergoing bivalirudin versus unfractionated heparin infusion: The MATRIX (minimizing adverse hemorrhagic events by transradial access site and angioX) OCT study. *Catheter Cardiovasc Interv*. 2020 Nov;96(6):1156-1171.
64. Limbruno U, De Sensi F, Cresti A, **Picchi A**, Lena F, De Caterina R. Optimal Antithrombotic Treatment of Patients with Atrial Fibrillation Early after an Acute Coronary Syndrome-Triple Therapy, Dual Antithrombotic Therapy with an Anticoagulant... Or, Rather, Temporary Dual Antiplatelet Therapy? *J Clin Med*. 2020 Aug 18;9(8):2673.
65. D'Amico G, Giannini F, Massussi M, Tebaldi M, Cafaro A, Ielasi A, Sgura F, De Marco F, Stefanini GG, Ciardetti M, Versaci F, Latini RA, Saccà S, Ghiringhelli S, **Picchi A**, Cerrito M, Gaspardone A, Tarantini G. Usefulness of Coronary Sinus Reducer Implantation for the Treatment of Chronic Refractory Angina Pectoris. *Am J Cardiol*. 2021 Jan 15;139:22-27.
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Grosseto, February 06, 2026

(CF: PCCNDR74B13I726O)

Autorizzo il trattamento dei miei dati personali ai sensi del Dlgs 196 del 30 giugno 2003 e dell'art. 13 GDPR