



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **BARBIERI / Andrea**
Address(es) Corso Vittorio Emanuele II 22 – 41121 Modena
Telephone(s) Mobile +393398260937
E-mail olmoberg@libero.it
Nationality Italian
Date of birth 30/11/1965

Occupational field **MD, Cardiology Specialist**

Work experience

Dates **October 01th, 2001-today**
Occupation or position held Head of Echocardiography Laboratory
Main activities and responsibilities Diagnosis, teaching and research in echocardiography
Name and address of employer Azienda Ospedaliero-Universitaria di Modena-Policlinico
Via Del Pozzo 71, 41100-Modena
Dates **February 03th, 2000-today**
Occupation or position held Cardiology Consultant, permanent staff position
Main activities and responsibilities Cardiology staff consultant: 50% time echocardiography lab (adult and pediatric TTE, TEE, exercise and pharmacological stress echo, multimodality cardiovascular imaging); 50% time in-patient (cardiology clinic, coronary care unit, night shifts)
Name and address of employer Azienda Ospedaliero-Universitaria di Modena-Policlinico
Via Del Pozzo 71, 41100-Modena
Title of qualification awarded
Dates **March 03th, 1998- February 02th, 2000**
Occupation or position held Cardiology Consultant, permanent staff position
Main activities and responsibilities Clinical cardiology, echocardiography, exercise test testing
Name and address of employer USL di Reggio Emilia

Education and training

Dates **October 12th, 1990**
Title and professional qualification obtained MD
Graduation mark 110/110 cum laude
Name and type of organization awarding the title Medical School, University of Modena and Reggio Emilia

Mother tongue **Italian**

Other language(s) **English**

Self-assessment <i>European level (*)</i> Language Language	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
	Good	Good	Good	Good	Good
	Good	Good	Good	Good	Good

(*) [Common European Framework of Reference for Languages](#)

Organisational skills and competences	Head of 3d-Level Echocardiography Laboratory from 2001
Computer skills and competences	MS Office 2003, 2007, 2010, 2013, 2016, 2019. Statistics: SPSS 13.0, MedCalc 8.1.1.0, Reference Manager
Driving licence	YES (Category B)
Publications (Annex #1)	91 papers in peer-reviewed international journals 93 abstracts in ISI journals and/or meeting proceedings 1 book chapter Total number of citations: 3483 (H-index 23, i10-index 35), Google Scholar, accessed 31 Mar 2022
Invited lectures, training courses and seminars organizers (Annex #2)	98
Main research interests	Valvular heart disease, heart failure, left ventricular hypertrophy, stress echocardiography
Professional affiliations	Italian Society of Echocardiography and Cardiovascular Imaging, Fellow since 2004, member of the Standing Committee of the Accreditation Operating Segments 2013-15, regional delegate 2015-2019, National Board 2019-present
International studies	Mitral Regurgitation International Database (MIDA) International Registry
Other professional experience	- Working with the NGO Emergency, Cardiology Consultant. Salam Center for Cardiac Surgery, Khartoum, Sudan, 4 missions between 2010-2015, cumulatively 6 months - Reviewer: - Journal of Cardiovascular Medicine 2005-12 - American Journal of Cardiology 2011- - Journal of Heart Valve Disease 2012- - International Journal of Cardiology 2018- -Structural Heart 2019- -Echo Research and Practice 2019- - American Heart Journal 2019- - Echocardiography 2020- - Journal of Clinical Medicine 2021-

Autorizzo il trattamento dei dati personali contenuti nel mio curriculum vitae in base all'art. 13 del D. Lgs. 196/2003 e s.m.i. di cui all'art. 13 del Regolamento UE 2016/679 relativo alla protezione delle persone fisiche con riguardo al trattamento dei dati personali. Consapevole, inoltre, delle sanzioni penali per il caso di dichiarazioni mendaci ai sensi degli artt. 483 e 495 cp e delle Leggi speciali di cui al D.P.R. 445/2000, dichiaro che quanto riportato nel presente documento corrisponde a verità

March 31th, 2022

Andrea Barbieri, MD



Annex #1

Original peer-reviewed articles (in chronologic order)

- 1) Modena MG, Rossi R, Sgura AF, **Barbieri A**, Muia N, Montanari N, Romagnoli R. Stress con dobutamina nel postinfarto: risonanza magnetica vs ecocardiografia. *Cardiologia* 1997; 42(Suppl 3): 473-478
- 2) **Barbieri A**, Muia N, Modena MG. L'impatto clinico dell'ecocardiografia nel processo decisionale sul paziente. *Giornale Ital Eco Cardiovasc* 1998;8:7-16
- 3) Modena MG, **Barbieri A**, Aveta P, Rossi R. Cardiopatia ipertensiva e disfunzione diastolica. Fisiopatologia e trattamento farmacologico. *Cardiologia* 1998;43(Suppl 2):981-986
- 4) Modena MG, Rossi R, Cionini F, **Barbieri A**. Il problema del miocardio vitale: quale ricaduta clinica? *Cardiologia* 1998; 43(Suppl 2): 411-415
- 5) Varga A, Picano E, Dodi C, **Barbieri A**, Pratali L, Gaddi O. Madness and method in stress echo reading. *Eur Heart J* 1999; 20:1271-1275
- 6) Modena MG, **Barbieri A**. Diabetes mellitus and cardiovascular complications: pathophysiological peculiarities and therapeutic implications. *Cardiologia* 1999;44 (10):865-877
- 7) Bellone A, Spagnolatti L, Massobrio M, Bellei E, Vinciguerra R, **Barbieri A**, Iori E, Bendinelli S, Nava S. Short-term effects of positive expiratory pressure by mask in patients with acute exacerbations of COPD and mild acidosis requiring non invasive positive pressure ventilation. *Int Care Med* 2002;28:581-5
- 8) Bellone A, **Barbieri A**, Ricci C, Iori E, Donateo M, Massobrio M, Bendinelli S. Acute effects of CPAP compared with BiPAP on functional mitral regurgitation in patients with acute exacerbations of congestive heart failure. *Int Care Med* 2002; 28:1348-50
- 9) **Barbieri A**, Bursi F, Grimaldi T. Acute idiopathic pericarditis with transient constriction. *Int J Cardiol* 2004; 97:313-315
- 10) **Barbieri A**, Bursi F, Bonatti S, Coppi F, Zanasi V, Reggianini L, Casali E, Malavasi VL, Modena MG. Evidence of reverse remodeling after long-term biventricular stimulation for resynchronization in patients with wide QRS selected on the basis of echocardiographic electromechanical delays. *Ital Heart J* 2004;5:818-25
- 11) Rumolo A, Gargiulo M, Polverini I, **Barbieri A**, et al. Limitations of cardiac risk stratification in vascular surgery. Results of a prospective study. *It J Vasc Endovasc Surg* 2004;11:73-82
- 12) Ratti C, **Barbieri A**, Modena MG. Non-invasive, three-dimensional visualization of coronary artery bypass grafts by multislice spiral computed tomography. *Int J Cardiol* 2005;99:157-159
- 13) Grimaldi T, **Barbieri A**, Ratti C, Ligabue G, Romagnoli R. Non-invasive diagnosis of acute ischemic bowel disease detected as hepatic portal venous gas during intra-aortic balloon percutaneous conterpulsation. *Ital Heart J* 2005; 6(7): 610-11
- 14) Bursi F, Babuin L, **Barbieri A**, et al. Vascular surgery patients: perioperative and long-term risk according to the ACC/AHA guidelines, the additive role of post-operative troponin elevation. *Eur Heart J* 2005; 26:2448-56
- 15) Ratti C, Chiurlia E, Grimaldi T, **Barbieri A**, Romagnoli R, Modena MG. Breast arterial calcifications and coronary calcifications: a common link with atherosclerotic subclinical disease? *Ital Heart J Suppl* 2005; 6:569-574
- 16) Ratti C, Chiurla E, Menozzi M, **Barbieri A**, Modena MG. Coronary calcium as an atherosclerosis marker. *Ann Ital Med Int.* 2005;20:137-42
- 17) Grigioni F, **Barbieri A**, et al. Prognostic Stratification of Women Patients with Chronic Heart Failure Referred for Heart Transplantation: Relevance of Gender as Compared with Gender-related Characteristics. *J Heart Lung Transpl* 2006; 25:648-52
- 18) **Barbieri A**, Grigioni F, Bursi F, et al. Role of severe functional mitral regurgitation in predicting electrical remodeling in idiopathic dilated Cardiomyopathy. *J Cardiovasc Med* 2006, 7:691-5

- 19) Grigioni F, Boriani G, **Barbieri A**, et al. Relevance of Cardioverter Defibrillators for the Prevention of Sudden Cardiac Death on the Timing of Heart Transplantation. *Clin Transplant*. 2006;20:684-8
- 20) Grigioni F, **Barbieri A**, et al.. Prognostic Implications of Serial Assessments of Pulmonary Hypertension in Severe Chronic Heart Failure. *J Heart Lung Transpl* 2006;25:1241-6
- 21) Bellone A, **Barbieri A**, Bursi F, Vettorello M. Management of acute pulmonary edema in the emergency department. *Curr Heart Fail Rep*. 2006;3:129-35
- 22) Busani S, Rinaldi L, **Barbieri A**, et al. Peri-operative respiratory failure in a cirrhotic patient: a misleading diagnosis. *Anaesthesia* 2007;62:963–965
- 23) Ligabue G, Fiocchi F, Ferraresi S, **Barbieri A**, Romagnoli R, Torricelli P. How to quantify infarct size on delayed-enhancement MR images: a comparison between visual and quantitative approach. *Radiol Med (Torino)*. 2007 Oct;112(7):959-68
- 24) Grigioni F, Potena L, **Barbieri A**, et al. Age and Heart Transplantation: Results from a Heart Failure Management Unit. *Clin. Clin Transplant*. 2008;22:150-5
- 25) Ligabue G, Fiocchi F, Ferraresi S, **Barbieri A**, et al. 3-Tesla MRI for the evaluation of myocardial viability: a comparative study with 1.5-Tesla MRI. *Radiol Med (Torino)*. 2008;113:347-362
- 26) **Barbieri A**, Bursi F, Politi L, et al. Echocardiographic Diastolic Dysfunction and Magnetic Resonance Infarct Size in Healed Myocardial Infarction Treated with Primary Angioplasty. *Echocardiography* 2008;25:575-83
- 27) Grigioni F, Tribouilloy C, Avierinos JF, **Barbieri A**, et al, on behalf of the MIDA Investigators. Outcomes in mitral regurgitation due to flail leaflets. A multicenter european study. *J Am Coll Cardiol Img* 2008;1:133– 41
- 28) **Barbieri A**, Bursi F, Veronesi B, et al. Left Atrium Reclassified: Application of the American Society of Echocardiography/European Society of Cardiology Cut Offs to Unselected Outpatients Referred to the Echocardiography Laboratory. *J Am Soc Echocardiogr* 2008;21:433-8
- 29) Malagoli A, **Barbieri A**, Modena MG. Bicuspid aortic valve regurgitation: quantification of anatomic regurgitant orifice area by 3D transesophageal echocardiography reconstruction. *Echocardiography* 2008;25::797-8
- 30) **Barbieri A**, Bursi F, Politi L, Rossi L, Fiocchi F, Ligabue G, Manicardi C, Torricelli P, Modena MG. Maximum persisting single lead ST elevation after primary angioplasty: a good predictor of left ventricular dilatation assessed by magnetic resonance imaging. *J Cardiovasc Med* 2008;9:1113-9
- 31) Bursi F, **Barbieri A**, Politi L, et al. Perioperative Red Blood Cell Transfusion and Outcome in Stable Patients after Elective Major Vascular Surgery. *Eur J Vasc Endovasc Surg*. 2009;37:311-8
- 32) Ratti C, Grassi L, Ligabue G, Casa GD, **Barbieri A**, Gavioli M, Bompani B. Survival into sixth decade of untreated pulmonary atresia with ventricular septal defect and major aorto-pulmonary collaterals: a magnetic resonance imaging study. *J Cardiovasc Med* 2009, 10:570–571
- 33) Tribouilloy C; Grigioni F, Avierinos JF; **Barbieri A**, et al. Survival implication of left ventricular end-systolic diameter in mitral regurgitation due to flail leaflets: a long-term follow-up multicenter study. *J Am Coll Cardiol* 2009;54:1961-1968
- 34) Malagoli A, **Barbieri A**, Pacini D, Ligabue G, Fiocchi F, Modena MG. Sinus venosus atrial septal defect: the importance of multimodality approach. *J Cardiovasc Med* 2010;11:547-9
- 35) Bursi F, **Barbieri A**, Grigioni F, et al. Prognostic implications of functional mitral regurgitation according to the severity of the underlying chronic heart failure: a long-term outcome study. *Eur J Heart Fail* 2010;12:382-8
- 36) **Barbieri A**, Bursi F, Grigioni F, Tribouilloy C, Avierinos JF, Michelena HI, Rusinaru D, Szymansky C, Russo A, Suri R, Bacchi Reggiani L, Branzi A, Modena MG, Enriquez-Sarano M. Prognostic and

- Therapeutic Implications of Pulmonary Hypertension Complicating Degenerative Mitral Regurgitation. A Multicenter Long-Term International Study. *Eur Heart J* 2011;32:751-9
- 37) Marchese P, Bursi F, Delle Donne G, Malavasi V, Casali E, **Barbieri A**, Melandri F, Modena MG. Indexed left atrial volume predicts the recurrence of non-valvular atrial fibrillation after successful cardioversion. *Eur J Echocardiogr* 2011;12:214-21
- 38) Mantovani F, **Barbieri A**, Modena MG. Congenital complete absence of the pericardium: a multimodality imaging diagnostic approach. *Echocardiography* 2011;28:E21-2
- 39) Malagoli A, **Barbieri A**, Veronesi B, Pacini D, Ligabue G, Modena MG. Detection of localized chronic type A aortic dissection: a multimodality imaging approach. *J Cardiovasc Med* 2011;12:439-40
- 40) Rusinaru D, Tribouilloy C, Grigioni F, Avierinos JF, Suri RM, **Barbieri A**, Szymanski C, Ferlito M, Michelena H, Tafanelli L, Bursi F, Mezghani S, Branzi A, Habib G, Modena MG, Enriquez-Sarano M. Left Atrial Size is a Potent Predictor of Mortality in Mitral Regurgitation Due to Flail Leaflets: Results from a Large International Multicenter Study. *Circ Cardiovasc Imaging* 2011;4:573-81
- 41) **Barbieri A**, Bertelli L, Sangiorgi GM. Novel application of angiojet rheolytic thrombectomy for massive thrombosis of the native aortic valve and jarvick 2000 ventricular assist device in a patient with end-stage heart failure. *Catheter Cardiovasc Interv* 2011;78:958-61
- 42) **Barbieri A**, Bursi F, Mantovani F, Valenti C, Quaglia M, Berti E, Marino M, Modena MG. Prognostic Impact of Left Ventricular Mass Severity According to the Classification Proposed by the American Society of Echocardiography/European Association of Echocardiography. *J Am Soc Echocardiogr* 2011;24:1383-91
- 43) **Barbieri A**, Bursi F, Mantovani F, Valenti C, Quaglia M, Berti E, Marino M, Modena MG. Left ventricular hypertrophy reclassification and death: application of the Recommendation of the American Society of Echocardiography/European Association of Echocardiography. *Eur Heart J Cardiovasc Imaging* 2012;13:109-17
- 44) Tiwari KK, Salvati AC, Di Summa M, **Barbieri A**, Portella G, Strada G. Aorta-to-right ventricular out flow fistula with coronary cusp prolapse. *Asian Cardiovascular and Thoracic Annals* 2013;21:193-95
- 45) Imazio M, Brucato A, **Barbieri A**, Ferroni F, Maestroni S, Ligabue G, Chinaglia A, Cumetti D, Casa GD, Bonomi F, Mantovani F, Di Corato P, Lugli R, Faletti R, Leuzzi S, Bonamini R, Modena MG, Belli R. Good prognosis for pericarditis with and without myocardial involvement: results from a multicenter, prospective cohort study. *Circulation* 2013;128:42-9
- 46) Avierinos JF, Tribouilloy C, Grigioni F, Suri R, **Barbieri A**, Michelena HI, Ionico T, Rusinaru D, Ansaldi S, Habib G, Szymanski C, Giorgi R, Mahoney DW, Enriquez-Sarano M; on Behalf of the Mitral regurgitation International DAtabase (MIDA) Investigators. Impact of ageing on presentation and outcome of mitral regurgitation due to flail leaflet: a multicentre international study. *Eur Heart J* 2013;34:2600-609
- 47) Pignatti M, Mantovani F, Bertelli L, **Barbieri A**, Pacchioni L, Loschi P, De Santis G. Effects of silicone expanders and implants on echocardiographic image quality after breast reconstruction. *Plast Reconstr Surg* 2013;132:271-8
- 48) Suri RM, Vanovershelde JL, Grigioni F, Shaff HV, Tribouilloy C, Avierinos JF, **Barbieri A**, Pasquet A, Huebner M, Rusinaru D, Michelena HI, Enriquez-Sarano M. Association between early surgical intervention vs watchful waiting and outcomes for mitral regurgitation due flail mitral valve leaflets. *JAMA* 2013;310:609-16
- 49) Tribouilloy C, Rusinaru D, Grigioni F, Michelena HI, Vanovershelde JL, Avierinos JF, **Barbieri A**, Pislaru SV, Russo A, Pasquet A, Theron A, Szymanski C, Lévy F, Enriquez-Sarano M. Long-term Mortality Associated with Left Ventricular Dysfunction in Mitral Regurgitation Due to Flail Leaflets: A Multicenter Analysis. *Circ Cardiovasc Imaging* 2014;7:363-370

- 50) **Barbieri A**, Berti E, Marino M, Reggianini L, Grigioni F, De Palma R. Comparative effectiveness of disease-modifying-drugs in elderly patients after incident hospitalization for heart failure. *Int J Cardiol* 2014;173:557-60
- 51) **Barbieri A**, Mantovani F, Bursi F, Ruggerini S, Lugli R, Abdelmoneim SS, Modena MG. Prognostic value of a negative peak supine bicycle stress echocardiography with or without concomitant ischemic stress electrocardiographic changes: a cohort study. *Eur J Prev Cardiol* 2015;22:636-44
- 52) Stefanelli G, Pirro F, Meli M, Trevisan D, Telesca M, Campisano B, Mussini C, **Barbieri A**. Benefits and medium-term outcome of the Sorin Pericarbon Freedom stentless aortic prosthesis in cases of acute bacterial endocarditis. *Interact Cardiovasc Thorac Surg* 2016;23:593-8
- 53) Mantovani F, Navazio A, **Barbieri A**, Boriani G. A first described case of cancer-associated non-bacterial thrombotic endocarditis in the era of direct oral anticoagulants. *Thromb Res* 2016;149:45-47
- 54) Lazam S, Vanoverschelde JL, Tribouilloy C, Grigioni F, Suri RM, Avierinos JF, de Meester C, **Barbieri A**, Rusinaru D, Russo A, Pasquet A, Michelena HI, Huebner M, Maalouf J, Clavel MA, Szymanski C, Enriquez-Sarano M; MIDA (Mitral Regurgitation International Database) Investigators. Twenty-Year Outcome After Mitral Repair Versus Replacement for Severe Degenerative Mitral Regurgitation: Analysis of a Large, Prospective, Multicenter, International Registry. *Circulation* 2017;135:410-422
- 55) Tortora G, Wischmeijer A, Berretta P, Alfonsi J, Di Marco L, **Barbieri A**, Marconi C, Isidori F, Rossi C, Leone O, Di Bartolomeo R, Seri M, Pacini D. Search for genetic factors in bicuspid aortic valve disease: ACTA2 mutations do not play a major role. *Interact Cardiovasc Thorac Surg*. 2017;25:813-817
- 56) **Barbieri A**, Mantovani F, Bursi F, Bartolacelli Y, Manicardi M, Lauria MG, et al. 12-year temporal trend in referral pattern and test results of stress echocardiography in a tertiary care referral center with moderate volume activities and cath-lab facility. *J Cardiovasc Echography* 2018;28:32-8.
- 57) **Barbieri A**, Mantovani F, Lugli R, Bursi F, Fabbri M, Bartolacelli Y, et al. European Society of Cardiology-proposed diagnostic echocardiographic algorithm in elective patients with clinical suspicion of infective endocarditis: Diagnostic yield and prognostic implications in clinical practice. *J Cardiovasc Echography* 2018;28:26-31
- 58) Grigioni F, Clavel MA, Vanoverschelde JL, Tribouilloy C, Pizarro R, Huebner M, Avierinos JF, **Barbieri A**, Suri R, Pasquet A, Rusinaru D, Gargiulo GD, Oberti P, Théron A, Bursi F, Michelena H, Lazam S, Szymanski C, Nkomo VT, Schumacher M, Bacchi-Reggiani L, Enriquez-Sarano M; MIDA Investigators. The MIDA Mortality Risk Score: development and external validation of a prognostic model for early and late death in degenerative mitral regurgitation. *Eur Heart J* 2018;39:1281–1291
- 59) **Barbieri A**, Rossi A, Gaibazzi N, Erlicher A, Mureddu GF, Frattini S, Faden G, Manicardi M, Beraldi M, Agostini A, Lazzarini V, Moreo A, Temporelli P, Faggiano P. Refined 4-group classification of left ventricular hypertrophy based on ventricular concentricity and volume dilatation outlines distinct noninvasive hemodynamic profiles in a large contemporary echocardiographic population. *Echocardiography* 2018;35:1258-1265
- 60) Scali MC, Ciampi Q, Picano E, Bossone E, Ferrara F, Citro R, Colonna P, Costantino MF, Cortigiani L, Andrea A, Severino S, Dodi C, Gaibazzi N, Galderisi M, **Barbieri A**, et al. Stress Echo 2020 study group of the Italian Society of Echocardiography and Cardiovascular Imaging (SIECVI). Quality control of B-lines analysis in stress Echo 2020. *Cardiovasc Ultrasound*. 2018 Sep 25;16(1):20. doi: 10.1186/s12947-018-0138-7
- 61) **Barbieri A**, Giubertoni E, Bartolacelli Y, Bursi F, Manicardi M, Boriani G. New classification of geometric patterns considering left ventricular volume in patients with chronic aortic valve

regurgitation: Prevalence and association with adverse cardiovascular outcomes. *Echocardiography* 2019;36:38-46

- 62) Grigioni F, Benfari G, Vanoverschelde JL, Tribouilloy C, Avierinos JF, Bursi F, Suri RM, Guerra F, Pasquet A, Rusinaru D, Marcelli E, Théron A, **Barbieri A**, Michelena H, Lazam S, Szymanski C, Nkomo VT, Capucci A, Thapa P, Enriquez-Sarano M; MIDA Investigators. Long-Term Implications of Atrial Fibrillation in Patients With Degenerative Mitral Regurgitation. *J Am Coll Cardiol* 2019;73:264-274
- 63) **Barbieri A**, Bartolacelli Y, Bursi F, Manicardi M, Boriani G. Remodeling classification system considering left ventricular volume in patients with aortic valve stenosis: association with adverse cardiovascular outcomes. *Echocardiography* 2019;36:639-650
- 64) Gaibazzi N, **Barbieri A**, Boriani G, Benatti G, Codazzo G, Manicardi M, Bursi F, Siniscalchi C. Imaging functional stress-test for stable chest pain symptoms in subjects at low pre-test probability of coronary artery disease: current practice and long-term outcome. *Echocardiography* 2019;36:1095-1102
- 65) Stefanelli G, Pirro F, Macchione A, Patrizi G, Weltert L, **Barbieri A**. Evaluation of hemodynamic behavior of a stentless aortic bioprosthesis under stress by exercise echocardiography. *Int J Clin Cardiol* 2018;5:132. doi.org/10.23937/2378-2951/1410132
- 66) Mantovani F, Bursi F, Di Giannuario G, **Barbieri A**. Echocardiographic prediction of surgical reparability in degenerative mitral regurgitation due to leaflet prolapse: a review. *Expert Rev Cardiovasc Ther* 2019;17:653-662
- 67) Denegri A, Albini A, **Barbieri A**, Boriani G. A giant right coronary artero-venous fistula revealed by an integrated multimodality imaging approach. *Intern Emerg Med* 2020;15:1331-1332
- 68) Antonini-Canterin F, Pepi M, Monte IP, Trocino G, **Barbieri A**, Barchitta A, *et al.* Document addressed to cardiovascular echography operators at the time of COVID-19: A document by the “Società Italiana di Ecocardiografia e CardioVascular Imaging” Board 2019–2021. *J Cardiovasc Echography* 2020;30:2-4
- 69) Stefanelli G, Bellisario A, Meli M, Chiurlia E, **Barbieri A**, Weltert L. Outcomes After Surgical Ventricular Restoration for Ischemic Cardiomyopathy *J Thorac Cardiovasc Surg.* 2020 May 23:S0022-5223(20)31236-8
- 70) Bombardini T, Zagatina A, Ciampi Q, Cortigiani L, D’Andrea A, **Barbieri A**, *et al.* Feasibility and value of two-dimensional volumetric stress echocardiography. *Stress Echo 2020 study group of the Italian Society of Echocardiography and Cardiovascular Imaging.* *Minerva Cardioangiol.* 2020 Jul 10. doi: 10.23736/S0026-4725.20.05304-9. Online ahead of print.
- 71) Scali MC, Zagatina A, Ciampi Q, Cortigiani L, D’Andrea A, **Barbieri A**, *et al.* Lung Ultrasound and Pulmonary Congestion During Stress Echocardiography. *Stress Echo 2020 Study Group of the Italian Society of Echocardiography and Cardiovascular Imaging.* *JACC Cardiovasc Imaging* 2020;13:2085-2095
- 72) **Barbieri A**, Mantovani F, Bursi F, Faggiano A, Boriani G, Faggiano P. Optimal Use of Echocardiography in Management of Thrombosis After Anterior Myocardial Infarction. *Echocardiography* 2020;37:1287-1295
- 73) **Barbieri A**, Benfari G, Giubertoni E, Manicardi M, Bursi F, Rossi A, Maritan L, Venturi G, Boriani G. Degree of left ventricular dilatation at end-diastole: Correlation and prognostic utility of quantitative volumes by 2D-echocardiography versus linear dimensions in patients with asymptomatic aortic regurgitation. *Echocardiography* 2020 37:1336-1344
- 74) **Barbieri A**, Antonini-Canterin F, Pepi M, Monte IP, Trocino G, Barchitta A, *et al.* Discordant Echocardiographic Grading in Low Gradient Aortic Stenosis (DEGAS Study) From the Italian Society of Echocardiography and Cardiovascular Imaging Research Network: Rationale and Study Design. *J Cardiovasc Echography* 2020;30:52-61

- 75) Bursi F, Santangelo G, Sansalone D, Valli F, Vella AM, Toriello F, **Barbieri A**, Carugo S. Prognostic utility of quantitative offline 2D-echocardiography in hospitalized patients with COVID-19 disease. *Echocardiography* 2020;37:2029-2039
- 76) Malavasi VL, Fantecchi E, Tordoni V, Melara L, **Barbieri A**, Vitolo M, Lip GYH, Boriani G. Atrial fibrillation pattern and factors affecting the progression to permanent atrial fibrillation. *Intern Emerg Med*. 2020 Nov 7. doi: 10.1007/s11739-020-02551-5. Online ahead of print.
- 77) Cresti A, Barchitta A, **Barbieri A**, Monte IP, Trocino G, Ciampi Q, Miceli S, et al. Echocardiography and Multimodality Cardiac Imaging in COVID-19 Patients. *J Cardiovasc Echography* 2020;30:S18-24.
- 78) Barchitta A, Pepi M, Monte IP, Trocino G, **Barbieri A**, Ciampi Q, Cresti A, et al. Lung semiotics ultrasound in COVID-19 infection. *J Cardiovasc Echography* 2020;30 S1-5
- 79) Rossi A, **Barbieri A**, Benfari G, et al. Heart valve calcification and cardiac hemodynamics. *Echocardiography* 2021;38:525-530
- 80) **Barbieri A**, Bursi F, Camaioni G, Maisano A, Imberti JF, Albin A, De Mitri G, Mantovani F, Boriani G. Echocardiographic Left Ventricular Mass Assessment: Correlation between 2D-Derived Linear Dimensions and 3-Dimensional Automated, Machine Learning-Based Methods in Unselected Patients. *J Clin Med*. 2021 Mar 19;10(6):1279. doi: 10.3390/jcm10061279.
- 81) **Barbieri A**, Albin A, Maisano A, De Mitri G, Camaioni G, Bonini N, Mantovani F and Boriani G (2021) Clinical Value of Complex Echocardiographic Left Ventricular Hypertrophy Classification Based on Concentricity, Mass, and Volume Quantification. *Front. Cardiovasc. Med*. 8:667984. doi: 10.3389/fcvm.2021.667984
- 82) Stefanelli G, Labia C, Meli M, **Barbieri A**, Weltert L. Surgical Treatment of Ischemic Dilative Cardiomyopathy by Ventricular Restoration. *Surg Technol Int*. 2021 May 6;38:sti38/1393. Online ahead of print.
- 83) Ciampi Q, Antonini-Canterin F, **Barbieri A**, et al. Remodeling of activities of Italian echocardiographic laboratories during the coronavirus disease 2019 lockdown: the SIECoVid study. *J Cardiovasc Med* 2021;22:600-602
- 84) Bartolacelli Y, **Barbieri A**, Antonini-Canterin F, et al, on behalf of the Stress Echo 2030 Study Group of the Italian Society of Echocardiography and Cardiovascular Imaging. Imaging quality control, methodology harmonization and clinical data management in Stress Echo 2030. *J Clin Med*. 2021 Jul 7;10(14):3020
- 85) Reshaping of Italian Echocardiographic Laboratories Activities during the Second Wave of COVID-19 Pandemic and Expectations for the Post-Pandemic Era. Ciampi Q, Antonini-Canterin F, **Barbieri A**, et al. SIECoVid Study Group On Behalf Of The Italian Society Of Echocardiography And Cardiovascular Imaging Siecvi. *J Clin Med*. 2021 Aug 5;10(16):3466. doi: 10.3390/jcm10163466.
- 86) Stress Echo 2030: The Novel ABCDE-(FGLPR) Protocol to Define the Future of Imaging. The Stress Echo Study Group of The Italian Society Of Echocardiography And Cardiovascular Imaging SIECVI. *J Clin Med*. 2021 Aug 17;10(16):3641. doi: 10.3390/jcm10163641.
- 87) Prognostic value of stress echocardiography assessed by the ABCDE protocol. Ciampi Q, Zagatina A, Cortigiani L, Wierzbowska-Drabik K, Kasprzak JD, Haberk M, Djordjevic-Dikic A, Beleslin B, Boshchenko A, Ryabova T, Gaibazzi N, Rigo F, Dodi C, Simova I, Samardjieva M, **Barbieri A**, Morrone D, Lorenzoni V, Prota C, Villari B, Antonini-Canterin F, Pepi M, Carpegiani C, Pellikka PA, Picano E. *Eur Heart J* 2021 Aug 27;ehab493. Online ahead of print.
- 88) Mantovani F, **Barbieri A**, Albin A, Bonini N, Fanti D, Fezzi S, Setti M, Rossi A, Ribichini F, Benfari G. The common combination of aortic stenosis with mitral regurgitation: diagnostic insight and

therapeutic implications in the modern era of advanced echocardiography and percutaneous intervention. *J Clin Med* 2021, 10, 4364. <https://doi.org/10.3390/jcm10194364>

- 89) Bursi F, Santangelo GN, **Barbieri A**, et al. Right Ventricular-Pulmonary Circulation Coupling by 2D-Echocardiography in Hospitalized Patients with COVID-19 Pneumonia. *J Am Heart Assoc*. 2022;11:e023220. DOI: 10.1161/JAHA.121.023220
- 90) **Barbieri A**, Mantovani F. Atrial Functional Mitral Regurgitation: The Concept Has Evolved, But Inconsistencies Still Remain. *J Card Surg* 2022, in Press.
- 91) Mantovani F, Paolini A, **Barbieri A**, Boriani G. Free-Floating Intracoronary Thrombus: Who is the Convict? *Frontiers in Oncology*, in Press.

Abstracts (in chronological order)

1. Rossi R, Muia N, Sgura FA, Reggianini L, Molinari R, Origliani G, **Barbieri A**, Tuscano G, Modena MG. Ruolo del miocardio vitale in pazienti con disfunzione ventricolare sinistra sottoposti ad aneurismectomia aortica addominale. *Cardiologia* 1997; 42 (Suppl 4):n.206
2. Muia N, Rossi R, Sgura FA, Molinari R, **Barbieri A**, Modena MG. Indice di performance miocardica: un nuovo indice doppler per lo studio della disfunzione ventricolare sinistra. *Cardiologia* 1997; 42 (Suppl 4): n.119
3. Bendinelli S, Tolomelli S, **Barbieri A**, Marchi M, Lusetti L, Mengoli M. Atherosclerosis in the aortic arch and risk of systemic embolism. A transesophageal echocardiography study in 60 patients. *Journal of Cardiovascular Diagnosis and Procedures* 1997;14:127
4. Bendinelli S, Tolomelli S, **Barbieri A**, Zanghieri G, Bagnulo A, Lusetti L. Cardiac and carotid artery lesions in TIA/Stroke patients. *Journal of Cardiovascular Diagnosis and Procedures* 1997; 14: 127
5. Mengoli M, Lusetti L, Argentini I, **Barbieri A**, Tolomelli S, Bendinelli S. Accuracy of biplane transesophageal echocardiography in the detection of left atrial thrombi: clinical implication. *Journal of Cardiovascular Diagnosis and Procedures* 1997; 14:126
6. Bendinelli S, Lusetti L, Argentini I, **Barbieri A**, Mengoli M, Dodi C. The cardiology information management system. *Journal of Cardiovascular Diagnosis and Procedures* 1997; 107
7. Bendinelli S, Lusetti L, Argentini I, **Barbieri A**, Tolomelli S, Iori E. Network connectivity of cardiology equipment. *Journal of Cardiovascular Diagnosis and Procedures* 1997; 107
8. Mattioli AV, Tarabini Castellani E, Modena MG, Mattioli G, Carpeggiani P, Aquilina M, Oldani A, **Barbieri A**, Mengoli M, Signorelli S. Studio multicentrico su fibrillazione atriale e stroke: indagine su fonti cardiogene di embolia. *Atti VII Congresso Nazionale SIEC* 1995; pp 429
9. Mattioli AV, Tarabini Castellani E, Modena MG, Molinari R, Carpeggiani P, Mattioli G, **Barbieri A**, Signorelli S. North Italian Study on stroke and atrial fibrillation: transesophageal evaluation of cardiac source of stroke. A CT controlled study. *The Journal of Heart Failure* 1995; Vol 2, Nr 1, 564
10. Cocconcelli F, Barchetti M, Reggianini L, Cerioli G, Fahim N, **Barbieri A**, Parravicini R. Rimodellamento del ventricolo sinistro dopo aneurismectomia con sutura lineare. *Archivio di Chirurgia Toracica e Cardiovascolare* 1995; Vol XVII-N.1 p. 5
11. Franzosi MG, Bonfanti E, Gardinale E, Nicolis E, Balli E, **Barbieri A** et al. I Monitors regionali nello studio GISSI-3: ruolo e risultati. *Giorn It Cardiol* 1994; 24 (Suppl 1): P97
12. Rossi R, Modena MG, Molinari R, Muia N, Origliani G, Sgura FA, Reggianini L, **Barbieri A**. Echo dobutamine in risk stratification of patients with left ventricular dysfunction undergoing abdominal aortic aneurismectomy. *J Am Coll Cardiol* 1998; 31 (Suppl C)2931

13. Modena MG, Rossi R, **Barbieri A**, Sgura FA, Muia N, Montanari N, Romagnoli R. Dobutamine echocardiography versus dobutamine cine magnetic resonance for detection of viability after myocardial infarction. *Echocardiography* 1998; Vol 15, N. 8, 171
14. Rossi R, Molinari R, **Barbieri A**, Sgura FA, Muia N, Romagnoli R, Modena MG. Accuratezza diagnostica di nuovi e classici test non invasivi nella individuazione di miocardio vitale dopo infarto del miocardio. *Cardiologia* 1998; 43 (Suppl 3): C165
15. Modena MG, Rossi R, Molinari R, **Barbieri A**, Muia N, Sgura FA, Montanari N, Romagnoli R. Detection of viable myocardium: comparison between dobutamine echocardiography and dobutamine cine magnetic resonance in patients with Q-wave myocardial infarction scheduled for revascularization. *Circulation* 1998;98:Vol 98, N. 17, 2702
16. Bellone A, M Massobrio, **Barbieri A**, I Argentini, L Lusetti, E Iori, S Bendinelli, G Vezzosi. Terapia intensiva cardio-respiratoria: un possibile modello organizzativo? *Rassegna di Patologia dell'Apparato Respiratorio* 1999; Suppl. 1: P44
17. Zennaro M, Bonatti S, Rumolo A, Gargiulo M, Maffei D, Stella A, **Barbieri A**, Modena MG. Limiti della stratificazione del rischio cardiologico in chirurgia vascolare. Risultati di uno studio prospettico. *Ital Heart J* 2002; Vol. 3/Suppl. 7:C477
18. **Barbieri A**, Bursi F, Coppi F, Mariani C, Fantini G, Ratti C, Modena MG. Looking for the optimal cardiovascular screening method in Orthotopic Liver Transplant candidates. *Ital Heart J* 2002; Vol. 3/Suppl. 7: 206S, P125 Abstract 63° SIC National Congress Roma 14-18 December 2002.
19. Ratti C, Arbustini E, Morbidi P, Bursi F, **Barbieri A**, Modena MG. Rimodellamento coronarico nella patologia aterosclerotica della donna. *Ital Heart J* 2002; Vol. 3/Suppl. 7: P7
20. Ratti C, Menozzi F, Diegoli M, Urrata A, Bursi F, **Barbieri A**, Modena MG, Arbustini E. Association of G1644A tRNA val mutation of the mitochondrial (Mt) DNA with hypertrophic cardiomyopathy and encephalomyopathy. *Ital Heart J* 2002; Vol. 3/Suppl. 7: 102S, C349. Abstract 63° SIC National Congress Roma 14-18 December 2002.
21. Ratti C, Arbustini E, Morbini P, Bursi F, **Barbieri A**, Modena MG. *Rimodellamento coronarico nella patologia aterosclerotica della donna*. [Coronary remodeling in atherosclerotic disease in women] *Ital Heart J* 2002; Vol. 3/Suppl. 7: 173S, P7 Abstract 63° SIC National Congress Roma 14-18 December 2002.
22. **Barbieri A**, Bursi F, Zennaro M, et al. *Predittori di anemia in pazienti sottoposti a chirurgia vascolare maggiore in elezione stratificati secondo le linee guida ACC/AHA*. [Predictors of anemia among patients undergoing elective major vascular surgery stratified according to ACC/AHA guidelines] *Ital Heart J* 2003; Vol. 4/Suppl. 6: C66. Abstract 64° SIC National Congress Roma December 2003.
23. **Barbieri A**, Bursi F, Zennaro M, et al. *Nuove implicazioni del dosaggio della troponina I cardiaca nella monitorizzazione post-operatoria del paziente sottoposto ad intervento di chirurgia vascolare maggiore in elezione*. [New implications of dosing troponin I in post-operative monitoring of patients treated with elective major vascular surgery] *Ital Heart J* 2003; Vol. 4/Suppl. 6: C67. Abstract 64° SIC National Congress Roma December 2003.
24. **Barbieri A**, Zennaro M, Bursi F, et al. *Valore predittivo del dosaggio della troponina I cardiaca nella monitorizzazione post-operatoria dei pazienti sottoposti ad intervento di chirurgia vascolare maggiore*. [Predictive role of cardiac troponin I in post-operative monitoring of patients undergoing major vascular surgery] *Ital Heart J* 2003; Vol. 4/Suppl. 6: C68. Abstract 64° SIC National Congress Roma December 2003.
25. **Barbieri A**, Reggianini L, Bonatti S, et al. Effetti a lungo termine della terapia di resincronizzazione ventricolare sul rimodellamento ventricolare sinistro. *Ital Heart J* 2003; Vol. 4/Suppl. 6: C349

26. Bonatti S, Coppi F, **Barbieri A**, et al. Risultati a lungo termine della terapia di resincronizzazione ventricolare in pazienti con evidenza ecocardiografica di desincronizzazione: miglioramento dei parametri funzionali. . Ital Heart J 2003; Vol. 4/Suppl. 6: C350
27. Ratti C, **Barbieri A**, Grimaldi T, et al. Frequenza di reperti extracardiaci accidentali durante TC spirale multistrato per lo studio della pervietà di bypass e stent coronarici. . Ital Heart J 2003; Vol. 4/Suppl. 6: P98
28. **Barbieri A**, Reggianini L, Bonatti S, et al. Durata del QRS come indice di desincronizzazione ventricolare rispetto ai criteri ecocardiografici convenzionali e di Tissue Doppler Imaging. . Ital Heart J 2003; Vol. 4/Suppl. 6: C453
29. **Barbieri A**, Bursi F, Grimaldi T, et al. Prognostic usefulness of marginal cardiac troponin I elevations in patients undergoing elective major vascular surgery. Ital Heart J 2004; Vol. 5/Suppl. 9: C271 Abstract 65° SIC National Congress Roma December 2004.
30. **Barbieri A**, Bursi F, Grimaldi T, et al. Prognostic significance of moderate postoperative anemia in patients undergoing elective vascular surgery. Ital Heart J 2004; Vol. 5/Suppl. 9: P70. Abstract 65° SIC National Congress Roma December 2004.
31. **Barbieri A**, Grimaldi T, Bursi F et al. Impact of endovascular and surgical infrainguinal revascularization on postoperative cardiac troponin elevation in patients previously undergoing cardiac risk categorization. Ital Heart J 2004; Vol. 5/Suppl. 9: P186. Abstract 65° SIC National Congress Roma December 2004.
32. Rossi L, **Barbieri A**, Ligabue G, et al. Un caso di finestra aorto-polmonare associato a difetto interventricolare indagato mediante risonanza magnetica. Ital Heart J 2004; Vol. 5/Suppl. 9: P3
33. Rossi L, Politi L, **Barbieri A**, et al. Caratteristiche morfo-funzionali della cardiomiopatia ipertrofica valutate mediante risonanza magnetica. Ital Heart J 2004; Vol. 5/Suppl. 9: P225
34. **Barbieri A**, Bursi F, Politi L, Zennaro M, Grimaldi T, Rumolo A, Gargiulo M, Stella A, Modena MG. Prognostic Value of Cardiac Troponin After Elective Major Vascular Surgery in Patients Perioperatively Evaluated According to the ACC/AHA Guidelines for Noncardiac Surgery. J Am Coll Cardiol 2005;45/Suppl 1;C875-8. American College of Cardiology Annual Scientific Session March 5-9 2005. *Oral communication*. Orlando Florida.
35. Rossi L, **Barbieri A**, Bursi F, et al. Correlation between traditionally used variables of infarct size with contrast-enhanced magnetic resonance infarct size in patients treated with primary coronary angioplasty. It Heart J 2005; Vol. 6/Suppl. 8: C18. Abstract 66° SIC National Congress Roma December 2005. **Winner**, ranking 2nd at Young Investigator Award.
36. Grimaldi T, **Barbieri A**, D'Amico R, Bursi F. Association between blood transfusion and clinical outcomes after elective major vascular surgery in patients preoperatively evaluated according to the ACC/AHA guidelines for non cardiac surgery. It Heart J 2005; Vol. 6/Suppl. 8: C36. Abstract 66° SIC National Congress Roma December 2005.
37. Politi L, **Barbieri A**, Bursi F, et al. Myocardial infarct size in the reperfusion era: comparison between electrocardiographic quantification and magnetic resonance imaging after primary angioplasty. It Heart J 2005; Vol. 6/Suppl. 8: C468. Abstract 66° SIC National Congress Roma December 2005. **Finalist Young Investigator Award**.
38. **Barbieri A**, Bursi F, Grimaldi T, Politi L, Malagoli A, Di Girolamo A, Coppi G, Modena MG. Blood transfusion death and myocardial infarction after elective major vascular surgery. Poster presentation at the European Society of Cardiology Congress. 2-6 September 2006, Barcelona, Spain.
39. Zanasi V, Bursi F, **Barbieri A**, Cioni E, Veronesi B, Modena MG. Left Atrial Volume Reclassified: Application of the American Society of Echocardiography Cut-Offs to Unselected

- Asymptomatic Subjects Referred to the Echocardiography Laboratory. Poster presentation at the American Heart Association Scientific Session, Chicago, Illinois. November 11-15, 2006.
40. Bursi F, **Barbieri A**, Politi L, Rossi L, Manicardi C, Ligabue G, Romagnoli R, Modena MG. Progressive left ventricular remodelling after ST elevation myocardial infarction in the primary angioplasty era. *It Heart J* 2006; Vol. 7/Suppl. 1-12: C386. *Oral communication*. 67° SIC National Congress Roma December 2006.
 41. Politi L, Rossi L, **Barbieri A**, Bursi F, Barbieri A, Ligabue G, Veronesi B, Modena MG. Load independent diastolic function index E/e' is associated with left ventricular remodelling after primary coronary angioplasty. *It Heart J* 2006; Vol. 7/Suppl. 1-12: P65. Abstract 67° SIC National Congress Roma December 2006.
 42. Malagoli A, Di Girolamo A, **Barbieri A**, Bursi F, Politi L, Rumolo A, Coppi G, Modena MG. Chronic renal failure, death and myocardial infarction after elective major vascular surgery. *It Heart J* 2006; Vol. 7/Suppl. 1-12: P200. Abstract 67° SIC National Congress Roma December 2006.
 43. **Barbieri A**, Bursi F, Rossi L, Politi L, Ligabue G, Romagnoli R, Modena MG. Grade 3 ischemia on the admission electrocardiogram don't predicts transmural final infarct size after acute mechanical reperfusion therapy for myocardial infarction. *It Heart J* 2006; Vol. 7/Suppl. 1-12: P212. Abstract 67° SIC National Congress Roma December 2006.
 44. Rossi L, Politi L, **Barbieri A**, Bursi F, Ligabue G, Romagnoli R, Modena MG. ST segment analysis and ultimate infarct size transmural assessed by magnetic resonance after successful primary coronary angioplasty. *It Heart J* 2006; Vol. 7/Suppl. 1-12: P300. Abstract 67° SIC National Congress Roma December 2006.
 45. Bursi F, **Barbieri A**, Politi L, Rossi L, Ligabue G, Romagnoli R, Modena MG. Predictors of long term left ventricular dilatation after myocardial infarction in the primary angioplasty era. *It Heart J* 2006; Vol. 7/Suppl. 1-12: P308. Abstract 67° SIC National Congress Roma December 2006.
 46. Zanasi V, Bursi F, **Barbieri A**, Cioni E, Veronesi B, Modena MG. Left atrial volume reclassified: application of the American Society of Echocardiography cut-offs to unselected asymptomatic subjects referred to the Echocardiography Laboratory. *It Heart J* 2006; Vol. 7/Suppl. 1-12: C336. *Oral communication*. 67° SIC National Congress Roma December 2006.
 47. Avierinos JF, **Barbieri A**, Grigioni F, Tribouilloy C, Sarano ME, et al, on behalf of the Mitral Regurgitation International Database (MIDA) Investigators. Prognostic value of left ventricular end-systolic diameter in chronic organic mitral regurgitation. *Valvular Heart Disease: New Strategies*. Las Vegas May 14-17, 2006-03-27
 48. Grigioni F, Tribouilloy C, Avierinos JF, **Barbieri A**, Sarano ME et al, on behalf of the Mitral Regurgitation International Database (MIDA) Investigators. Prognostic and therapeutic implications of symptoms in chronic mitral regurgitation. *Valvular Heart Disease: New Strategies*. Las Vegas May 14-17, 2006-03-27
 49. Tribouilloy C, Avierinos JF, **Barbieri A**, Grigioni F, Sarano ME, et al, on behalf of the Mitral Regurgitation International Database (MIDA) Investigators. Natural history and effects of surgery in chronic mitral regurgitation: results from a multicenter European database. *Valvular Heart Disease: New Strategies*. Las Vegas May 14-17, 2006-03-27
 50. Politi L, Rossi L, **Barbieri A**, et al. Load independent diastolic function index E/e' is associated with left ventricular remodeling after primary coronary angioplasty. *G Ital Cardiol* 2006 Suppl 1-12:P65
 51. Malagoli A, Di Girolamo A, **Barbieri A**, et al. Chronic renal failure, death and myocardial infarction after elective major vascular surgery. *G Ital Cardiol* 2006 Suppl 1-12:P200

52. Grigion F, Bianch G, **Barbieri A**, et al. Age and heart transplantation: results from a heart failure unit. ESC 2007;P1898
53. F. Bursi, C. Ricci, L. Reggiani, **Barbieri A**, V. Zanasi, E. Cioni, C. Leuzzi, F. Grigioni, A. Branzi, M.G. Modena. [P1915] Assessment of mitral regurgitation is useful to predict death in chronic heart failure patients followed at a dedicated outpatient clinic. European Society of Cardiology Congress. 1-5 September 2007, Vienna, Austria.
54. F. Bursi, L. Reggiani, **Barbieri A**, V. Zanasi, C. Ricci, F. Grigioni, A. Branzi, MG. Modena Functional non ischemic mitral regurgitation predicts death or heart transplant among patients with systolic heart failure followed at a dedicated heart failure outpatient clinic. ESC Heart Failure Congress 14-17 June 2008. Milan, Italy.
55. Marchese P, Delle Donne G, Bursi F, Malavasi V, **Barbieri A**, Casali E, Modena MG. Left atrial volume predicts recurrence of nonvalvular atrial fibrillation after electrical cardioversion. European Society of Cardiology Congress. 1-5 September 2008, Munich, Germany. Eur Heart J. 2008;29:541(P3434).
56. Grigioni F, **Barbieri A**, Enriquez-Sarano M, et al. Predictors And Prognostic Implications Of Pulmonary Arterial Hypertension Complicating Degenerative Mitral Regurgitation: A Multicenter Long-term International Study. 5th Biennial Meeting of the Society for Heart Valve Disease.. Berlin 2009. Slide (oral) presentation. Abstract ID: 37512
57. Bursi F, Grigioni F, **Barbieri A**, Tribouilloy C, Avierinos JF, Branzi A, Modena MG, Enriquez-Sarano M, on behalf of the MIDA Investigators. Prognostic impact of pulmonary hypertension in patients with severe mitral regurgitation due to flail leaflets: a multicenter long-term international study. European Society of Cardiology Congress. September 2009, Barcelona, Spain. European Heart Journal 2009 30 (Abstract Supplement).
58. Bursi F, **Barbieri A**, Leuzzi C, Reggiani L, Manicardi C, Copelli S, Modena MG. Prognostic implications of indexed left ventricular end-diastolic diameter by echocardiography to outpatients with chronic systolic heart failure: application of ASE/ESC guidelines. European Heart Journal 2009 30 (Abstract Supplement), 292.
59. Leuzzi C, **Barbieri A**, Bursi F, Reggiani L, Manicardi C, Modena MG. Prognostic value of three commonly used different methods of assessing renal function in ambulatory patients with chronic heart failure and systolic dysfunction. European Heart Journal 2009 30 (Abstract Supplement), 1020.
60. **Barbieri A**, Bursi F, Mantovani F, Valenti C, Quaglia M, Modena MG. Prognostic Impact of Echocardiographically Determined Left Ventricular Mass Partition Values Proposed by the American Society of Echocardiography/European Association of Echocardiography. American Heart Association Congress, Chicago Nov 2010. *Poster Session* n. 14555
61. Verduri A, Leuzzi C, **Barbieri A**, et al. Early right ventricular dysfunction in smokers with COPD and reduced diffusion capacity for carbon monoxide (Dlco). Chest 2010;138(4_MeetingAbstracts):866A
62. Mantovani F, **Barbieri A**, Bursi F, Valenti C, Quaglia M, Modena MG. Prognostic Impact of Echocardiographically Determined Left Ventricular Geometric Patterns Categorization Proposed by the American Society of Echocardiography/European Association of Echocardiography. Italian Society of Echocardiography (SIEC) Congress, Naples Apr 2011. *Moderated Poster Session*
63. Mantovani F, **Barbieri A**, Bursi F, Valenti C, Quaglia M, Modena MG. Incremental prognostic value of echocardiographically determined left ventricular mass according to the proposed categorization by the American Society of Echocardiography/European Association of Echo. Euroecho & other Imaging Modalities 2011. Eur J Echocardiography Abstracts Supplement 2011;12 (S2), ii126, *Poster session, selectes as High score abstract*

64. Mantovani F, **Barbieri A**, Bursi F, Valenti C, Quaglia M, Modena MG. Echocardiographically determined left ventricular hypertrophy reclassification according to the proposed methods and categorization by the American Society of Echocardiography/European Association of Echocardiography. Euroecho & other Imaging Modalities 2011. Eur J Echocardiography Abstracts Supplement 2011;12 (S2), ii161, *Poster session*
65. Mantovani F, **Barbieri A**, Bursi F, Valenti C, Quaglia M, Modena MG. Incremental prognostic value of echocardiographically determined left ventricular mass according to the proposed categorization by the American Society of Echocardiography/European Association of Echocardiography Italian Society of Cardiology (SIC) Congress, Rome Dec 2011. *Oral communication*.
66. Mantovani F, **Barbieri A**, Bursi F, Valenti C, Quaglia M, Modena MG. Echocardiographically determined left ventricular hypertrophy reclassification according to the proposed methods and categorization by the American Society of Echocardiography/European Association of Echocardiography Italian Society of Cardiology (SIC) Congress, Rome Dec 2011. *Moderated poster session*.
67. Bertugno S, Ligabue G, Fiocchi F, Nocetti L, Vasaturo S, Lugli R, **Barbieri A**, Torricelli P. Late gadolinium enhanced-cardiac magnetic resonance (LGE-CMR) quantification of myocardial damage as a predictor of arrhythmic events. European Society of Radiology. ECR 2012. Poster No.: B-0575
68. Bertugno S, Ligabue G, Fiocchi F, Nocetti L, Vasaturo S, Morini V, **Barbieri A**, Lugli R. Extent of myocardial scar detected by late Gadolinium enhancement-cardiac magnetic resonance (LGE-CMR) as a predictor of major adverse cardiac events (MACE) in HCM patients. Poster No.: B-0462. European Congress of Radiology 2013
69. Bertugno S, Ligabue G, Fiocchi F, Nocetti L, Vasaturo S, Morini V, **Barbieri A**, Lugli R, Torricelli P. Myocardial scar extension detected by late Gadolinium enhancement-cardiovascular magnetic resonance (LGE-CMR) for arrhythmic risk stratification of HCM patients. Poster No.: B-0463. European Congress of Radiology 2013
70. Bertugno S, Ligabue G, Fiocchi F, Nocetti L, Vasaturo S, Morini V, **Barbieri A**, Lugli R, Torricelli P. Role of myocardial scar location detected by late Gadolinium enhancement-cardiac magnetic resonance (LGE-CMR) to predict ventricular tachyarrhythmias in HCM. Poster No.: C-1081. European Congress of Radiology 2013
71. Imazio M, Brucato A, **Barbieri A**, Ferroni F, Bonomi F, Mantovani F, Chinaglia A, Di Corato P, Lugli R, Valenti P, Della Casa G, Belli R. Outcome of myopericarditis and perimyocarditis: results from a multicenter prospective cohort study. J Am Coll Cardiol 2013 Volume 61, Issue 10 E1279
72. Pignatti M, Mantovani F, **Barbieri A**, Pacchioni L, De Santis G. Silicone expanders and implants may jeopardize echocardiographic image quality in post-mastectomy patients. EURAPS 25th Annual Meeting 2014
73. Lazam S, de Meester C, Huebner M, Boulif J, Pasquet A, Grigioni F, Tribouilloy C, Avierinos JF, Schaff H, **Barbieri A**, et al. Very long term survival after mitral repair vs replacement: a propensity score analysis of a large, prospective, Multicenter International Registry. Circulation 2014;130 (Suppl 2), A20394-A20394
74. Mantovani F, Bertelli L, Lugli R, Bursi F, Modena MG, Chiarini V, Rubbiani E, Cappelli G, **Barbieri A**. Utilità di Uno Screening Cardiologico Giudicato con Ecostress da Sforzo Negativo in Pazienti con Insufficienza Renale Cronica End-Stage Possibili Candidati a Trapianto Renale" (ID72). Congresso Nazionale SIEC Napoli 16-18 aprile 2015.
75. Lazam S, de Meester C, Huebner M, Boulif J, Pasquet A, Grigioni F, Tribouilloy C, Avierinos JF, Schaff H, **Barbieri A**, et al. Very long term survival after mitral repair vs replacement. A

propensity score analysis of a large, prospective, multicenter international registry. Archives of Cardiovascular Diseases Supplements 04/2015; 7(2):214.

76. Mantovani F, Bertelli L, Lugli R, Bursi F, Modena MG, Chiarini V, Abdelmoneim SS, Rubbiani E, Cappelli G, **Barbieri A**. Usefulness of negative supine bicycle exercise stress echocardiography in patients with end stage renal disease evaluated for renal transplantation. ESC Congress 2015. August 29-September 2, London. *Poster Session*
 77. Garcia M, Abdelmoneim SS, Mantovani F, **Barbieri A**, Bursi F, Ball C, Medina-Inojosa JR, Modena MG, Mulvagh SL. Prognostic Value of Negative Stress Echocardiography with or without Concomitant Ischemic Electrocardiographic Changes in a Referral Group of Women with Suspected Coronary Artery Disease: A 4 Year Follow-up Study. American Heart Association (AHA) Scientific Sessions 2015 Orlando, Florida November 7-11. *Poster Session*
 78. Mantovani F, Lugli R, Bursi F, Fabbri M, Modena MG, Stefanelli G, Mussini C, **Barbieri A**. Following the European Society of Cardiology proposed echocardiographic algorithm in elective patients with clinical suspicion of infective endocarditis: diagnostic yield and prognostic implications. EuroEcho-Imaging 2015. December 2-5, 2015, Seville – Spain. *Poster Session*
 79. Mantovani F, Navazio A, **Barbieri A**, Boriani G. A first described case of cancer-associated non-bacterial thrombotic endocarditis on multiple valves in the era of novel oral anticoagulants. ESC 2016. August 27-31, 2016, Rome –Italy. Clinical cases session (Cardiologists of Tomorrow) – *Invited speaker*
 80. Bartolacelli Y, Mantovani F, Lugli R, Bursi F, Fabbri M, Mussini C, Boriani G, **Barbieri A**. Staphylococcus aureus bacteremia: application of the ESC proposed diagnostic echocardiographic algorithm in clinical practice, EuroEcho-Imaging 2016. December 7-10, 2016, Leipzig – Germany. *Poster Session* Eur J Cardiovasc Img Supplements (2016) 17 (Supplement 2), ii32
 81. Bartolacelli Y, Mantovani F, Lugli R, Bursi F, Fabbri M, Mussini C, Boriani G, **Barbieri A**. ESC proposed diagnostic echocardiographic algorithm in elective patients with clinical suspicion of infective endocarditis and negative blood cultures: diagnostic yield and prognostic implications, EuroEcho-Imaging 2016. December 7-10, 2016, Leipzig – Germany. *Poster Session* Eur J Cardiovasc Img Supplements (2016) 17 (Supplement 2), ii3
 82. Bertugno S, Nocetti F, Focchi F, **Barbieri A**, Bartolacelli Y, Torricelli P, Ligabue G. Stratification of arrhythmic risk in HCM patients on the basis of oedema and myocardial scar on late gadolinium enhancement-cardiac magnetic resonance (LGE-CMR): a 11-year follow-up study. ECR 2017/B-0691
-
83. Mantovani F, **Barbieri A**, Bursi F, Bartolacelli Y, Manicardi M, Lauria G, Boriani G. 12-years temporal trend in referral pattern and test results of stress echocardiography in a tertiary care referral center with moderate volume activities and cath-lab facility. EuroEcho-

- Imaging 2017. December 6-9, 2016, Lisbon – Portugal. *Poster Session Eur J Cardiovasc Img Supplements (2017) 18 (Supplement 3), P305*
84. Borio G, Rossi A, Benfari G, **Barbieri A**, Gaibazzi N, Erlicher A, Mureddu G, Frattini S, Faden G, Beraldi M, Moreo A, Lazzarini V, Agostini F, Temporelli T, Faggiano P. Tricuspid anulus displacement (TAPSE) is a determinant of cardiac stroke volume independently of left ventricular function. *European Heart Journal 39 (suppl_1), ehy565. P2749*
 85. Bartolacelli Y, **Barbieri A**, Manicardi M, Bursi F, Boriani G. Remodelling classification system considering left ventricular volume in patients with aortic valve stenosis: association with adverse cardiovascular outcomes. *EuroEcho-Imaging 2018. December 5-8, 2018, Milan – Italy. Poster Session, P1295. Eur J Cardiovasc Img Supplements_1 (2019)*
 86. Giubertoni E, **Barbieri A**, Bursi F, Bartolacelli Y, Manicardi M, Boriani G. Remodelling classification system considering left ventricular volume in patients with aortic valve regurgitation: association with adverse cardiovascular outcomes. *EuroEcho-Imaging 2018. December 5-8, 2018, Milan – Italy. Moderated Poster, P1035. Eur J Cardiovasc Img Supplement_1 (2019)*
 87. Manicardi M, **Barbieri A**, Boriani G, et al. Imaging functional stress-test for stable chest pain symptoms in subjects at low pre-test probability of coronary artery disease: current practice and long-term outcome. December 5-8, 2018, Milan – Italy. *Poster Session, P926. Eur J Cardiovasc Img Supplement_1 (2019)*
 88. Ciampi Q, Carpeggiani C, Paterni M, De Nes M, Zagatina A, Mori F, **Barbieri A**, et al., on behalf of Stress Echo 2020 study group of the Italian Society of Echocardiography and Cardiovascular Imaging (SIECVI). Multi-step Web-based Training: the road to Stress echo 2020. December 5-8, 2018, Milan – Italy. *Poster Session P924. Eur J Cardiovasc Img Supplement_1 (2019)*
 89. Citro R, La Carrubba S, Fabiani I, Faganello G, **Barbieri A**, et al. Echocardiographic findings in patients with bicuspid aortic valve with and without raphe enrolled in REBECCA registry. December 5-8, 2018, Milan – Italy. *Poster Session P1729. Eur J Cardiovasc Img Supplement_1 (2019)*
 90. Stefanelli G, Pirro F, Labia C, Patrizi G, Weltert L, **Barbieri A** (2019). Usefulness of Exercise Echocardiography for Evaluation of Aortic Bioprostheses Under Stress., *Structural Heart,3:sup1, 3*, DOI: [10.1080/24748706.2019.1586202](https://doi.org/10.1080/24748706.2019.1586202)
 91. Valli F, Bursi F, Santangelo G, Sansalone D, Vella AM, Toriello F, **Barbieri A**, Carugo S. Prognostic utility of quantitative offline 2D-echocardiography in hospitalized patients with COVID-19 February 2021 *European Heart Journal Cardiovascular Imaging 22(Supplement_1)* DOI: [10.1093/ehjci/jeaa356.139](https://doi.org/10.1093/ehjci/jeaa356.139)
 92. Vella AM, Bursi F, Santangelo G, Barbieri A, et al. Consequences on the right ventricular to pulmonary circulation coupling of COVID-19 infection. *European Heart Journal, Volume 42, Issue Supplement_1, October 2021, ehab724.0149, <https://doi.org/10.1093/eurheartj/ehab724.0149>*
 93. A Zagatina, Q Ciampi, L Cortigiani, K Wierzbowska-Drabik, M Haberka, A Djordjevic-Dikic, A Boshchenko, F Rigo, I Simova, C Dodi, N Gaibazzi, D Morrone, **A Barbieri**, PA Pellikka, E Picano The ischemic cascades in contemporary patients: five distinct phenotypes assessed by ABCDE stress echocardiography. *European Heart Journal - Cardiovascular Imaging, Volume 23, Issue Supplement_1, February 2022, jeab289.111, <https://doi.org/10.1093/ehjci/jeab289.111>*

Invited oral presentations at national meetings

1. Corso di Ecostress, Direttore Eugenio Picano, Reggio Emilia 1997
2. Corso di Ecostress, Direttore Eugenio Picano, Bologna 1997
3. Congresso Nazionale A.N.C.E. 1998
4. Congresso nazionale S.I.E.C. 1999
5. Riunione S.I.C. Le miocardiopatie: dalla genetica alla terapia. Modena 1999
6. Corso A.N.M.C.O. Le nuove frontiere della cardiologia interventistica. Modena 2000
7. Ecocuore 2001 sulla cresta dell'onda. Tirrenia (Pisa) 2001
8. Symposium di Cardiologia Macerata 2001
9. Corso A.N.M.C.O. Le nuove metodiche ecocardiografiche hanno un reale impatto clinico? Ferrara 2002
10. Corso S.I.E.C. Ecocardiografia delle valvulopatie Brisighella 2002
11. Simposio nazionale S.I.E.C. Nuove frontiere nello scompenso cardiaco. Faenza 2003
12. Cardiotossicità dei trattamenti oncologici. Modena 2003
13. Accademia Nazionale di Medicina. I Corso teorico pratico di ecocardiografia. Bologna 2003
14. Corso A.N.M.C.O. Scompenso cardiaco 2003: a new challenge. Piacenza 2003
15. Up to date on heart failure. Modena 2003
16. VIII Annual meeting. Lo standard tecnologico in Cardiologia. S. Marino 2003
17. Giornate aritmologiche centesi. Controversie in aritmologia clinica. Cento (FE) 2004
18. Accademia Nazionale di Medicina. Il Corso teorico pratico di ecocardiografia. Bologna 2004
19. Dispnea Acuta in Medicina d'Urgenza. Milano, Azienda Ospedaliera Niguarda Cà Granda Milano 2005
20. Scompenso cardiaco con funzione sistolica conservata. Azienda Unità Sanitaria Locale di Modena 2005
21. Corso S.I.E.C. L'Ecocardiografia a confronto con le altre metodiche di imaging nell'iter decisionale in Cardiologia. Dal caso clinico alla flow-chart. Brisighella 2005
22. Accademia Nazionale di Medicina. III Corso teorico pratico di ecocardiografia. Bologna 2005
23. 66° Congresso Nazionale della Società Italiana di Cardiologia 2005. Ecocardiografia e cardiopatia ischemica (moderazione)
24. 66° Congresso Nazionale della Società Italiana di Cardiologia 2005. Simposio: il cardiologo e il radiologo davanti all'imaging cardiovascolare (relazione)
25. 66° Congresso Nazionale della Società Italiana di Cardiologia 2005. How to sessions: la valutazione cardiologica del dolore toracico nel pronto soccorso (relazione).
26. A.U.S.L. di Reggio Emilia. Aspetti metabolici del paziente critico. Reggio Emilia 2006.
27. S.I.C. Medilearning-Lezione di cuore Modena 7 marzo 2006.
28. Corso Residenziale "Meet the Professor-Multidisciplinary Treatment of Early Breast Cancer", Modena 28 marzo 2006
29. SIFCS. III Congresso Annuale. Modena 21 Aprile 2006.
30. S.I.C. Linee Guida Insufficienza Cardiaca Acuta, Modena 06 Maggio 2006
31. S.I.C. Linee Guida Insufficienza Cardiaca Cronica, Ferrara 27 Maggio 2006
32. 67° Congresso Nazionale della Società Italiana di Cardiologia 2006. Simposio La valutazione del rischio cardiologico in chirurgia non cardiaca. Il ruolo del dosaggio delle troponine nel periodo post-operatorio.
33. 67° Congresso Nazionale della Società Italiana di Cardiologia 2006. Simposio. Valore aggiunto della risonanza magnetica cardiaca nell'infarto miocardico acuto. Applicazioni cliniche della RMC a 3T.

34. 67° Congresso Nazionale della Società Italiana di Cardiologia 2006. How to session. La dispnea nel dipartimento di emergenza-urgenza.. Come riconoscere la dispnea cardiogena?
35. La diagnosi nel paziente cardiologico. Modena 11 gennaio 2007.
36. Corso S.I.E.C. L'Ecocardiografia e le altre metodiche di imaging nello scompenso cardiaco. Dal caso clinico alla flow-chart. Brisighella 21 giugno 2007
37. Nuovo Ospedale Civile di Baggiovara-Modena- Le valvulopatie oggi. 22 giugno 2007.
38. Workshop "Arteriopatia Diabetica Periferica". Bologna 29 giugno 2007.
39. Le valvulopatie: novità e controversie. Corso di aggiornamento extramurario ANMCO. Ferrara 19 ottobre 2007.
40. 1° Convegno Regionale sulla sindrome di Marfan. Bologna 11 aprile 2008.
41. Meeting regionali teorico-pratici di ecocardiografia-SIEC. Rimini 23 maggio 2008.
42. Embolia polmonare: dall'evento acuto all'evoluzione verso l'ipertensione polmonare. Modena 18/10/08
43. Roadmap dell'imaging diagnostico non-invasivo in Cardiologia. Venezia Mestre 24/10/08
44. Società Italiana di Cardiologia. Riunioni scientifiche regionali. Bologna, 13/02/09
45. Il puzzle interpretativo dello shock. Modena, 16-17 aprile 2009
46. Ecocardiografia 2009. XIV Congresso Nazionale Società Italiana di Ecocardiografia Cardiovascolare. Milano 08/09/09
47. Emergenze cardiologiche e morte improvvisa: percorsi assistenziali. Ravenna, 31 marzo-02 aprile 2011
48. Controversie in Ecocardiografia Clinica. Bologna, 01-03 Aprile 2011
49. Seminario avanzato di aggiornamento in ecocardiografia. Bologna, 25-26 novembre 2011
50. Medicina di qualità in contesti a scarse risorse. Brescia, 29 settembre 2012
51. Lo scompenso cardiaco avanzato nella regione Emilia Romagna: dalla terapia ai modelli organizzativi. Bologna, 06 ottobre 2012
52. Ecografia ed altro imaging nella gestione dello scompenso cardiaco. Ravenna, 10 novembre 2012. Patrocinio SIEC.
53. 2° convegno regionale sulla sindrome di Marfan e patologie correlate. Bologna, 17 novembre 2012
54. L'imaging nello scompenso cardiaco: una guida alla gestione clinica personalizzata per ogni paziente. Bologna, 8-9 marzo 2013. Patrocinio SIEC.
55. Scompenso cardiaco avanzato nella regione Emilia Romagna. Reggio Emilia, 15 giugno 2013
56. Corso di Formazione in ecografia cardiovascolare S.I.E.C. (di base, generale e trans esofagea). Ferrara, 16-18 ottobre 2013
57. Corso di base ecografia in terapia intensiva. Anestesia e terapia intensiva nella terra dei motori. Modena, 06 Marzo 2015
58. Congresso Macroarea Nord 2014 S.I.E.C. Bologna, 11-12 Aprile 2014
59. Dimensioni e funzione dell'atrio sinistro: dall'eco alla risonanza. XVII Congresso Nazionale S.I.E.C. Napoli, 16-18 Aprile 2015.
60. Le peculiarità della medicina cardiovascolare in Africa. XVII Congresso Nazionale S.I.E.C. Napoli, 16-18 Aprile 2015.
61. Malattia del complesso valvolare aortico nel paziente adulto. Mantova, 4-5 Marzo 2016
62. VIII Congresso nazionale Ecocardiocirurgia. Milano, 21-23 Marzo 2016
63. Corso di formazione in ecocardiografia pediatrica S.I.E.C. Responsabile scientifico. Modena, 26-28 Maggio 2016
64. Congresso Macroarea Nord 2016 SIEC. Milano, 17 giugno 2016
65. Le ipertrofie del ventricolo sinistro: dall'imaging alle implicazioni fisiopatologiche e terapeutiche. Brescia, 15 Settembre 2016

66. La complessità del paziente cardiologico: quali decisioni prendere nella pratica clinica? Modena, 21 Ottobre 2016
67. Corso SIEC di formazione in ecografia cardiovascolare generale. Bologna, 23-25 Febbraio 2017
68. Sfide in cardiologia clinica. Mantova, 10-11 Marzo 2017
69. Ecocardiografia 2017. Milano, 27-29 Marzo 2017
70. 18° Congresso Nazionale SIEC, Napoli 6-8 Aprile 2017
71. Corso SIEC di formazione in ecografia cardiovascolare multidistrettuale in area critica. Responsabile scientifico. Modena, 15-17 maggio 2017
72. Ritorno al futuro della medicina d'urgenza: curiosità, critica ed innovazione. Milano 5 Ottobre 2017
73. 3° convegno regionale sulla sindrome di Marfan e patologie correlate. Bologna, 27 Ottobre 2017
74. Congresso SIECVI Macroarea Nord, Padova 22-23 Marzo 2018
75. Ecocardiografia 2018. Milano, 09-11 Aprile 2018
76. Corso SIECVI Ecocardiografia 3D. Responsabile scientifico. Bologna, 23/05/2018
77. Corso SIECVI Ecocardiografia cardiovascolare multidistrettuale in area critica. Responsabile scientifico. Rimini, 1-2/10/2018
78. Ritorno al futuro della Medicina d'Urgenza. Milano, 04/10/18
79. Focus on: l'insufficienza valvolare mitralica: aspetti clinici, diagnostici e terapeutici tra presente e futuro. Maria Cecilia Hospital-Cotignola (RA), 27/10/18
80. Corso SIECVI di formazione in ecografia cardiovascolare multidistrettuale in area critica. Docente. Padova, 19-20 Novembre 2018.
81. L'imaging: guida alla diagnosi e alla terapia delle malattie rare, ipertensione polmonare e malattia di Fabry. Discussant. Parma, 29 Novembre 2018.
82. Corso SIECVI di formazione in ecografia cardiovascolare multidistrettuale in area critica. Docente. Padova, 25-27 Febbraio 2019.
83. Ecocardiografia 2019. Milano, 18-20 Marzo 2019
84. Corso SIECVI di formazione in ecografia cardiovascolare generale. Docente. Bologna, 25-28 Marzo 2019.
85. Risonanza magnetica cardiaca oggi. Radiologo e cardiologo insieme. Rimini, 02 Ottobre 2019
86. 19° Congresso Nazionale SIEC, Sorrento 3-5 Ottobre 2019
87. Corso SIECVI di formazione in ecografia cardiovascolare transesofagea. Docente. Bologna, 16-18 Marzo 2019.
88. Il ragionamento clinico in cardiologia nell'era delle linee guida. Modena, 16 Novembre 2019
89. Corso SIECVI di formazione in ecografia cardiovascolare multidistrettuale in area critica. Docente. Padova, 18-20 Novembre 2019
90. Ecocardiografia 2021. Milano, 29-31 Marzo 2021
91. Presentazione del registro SIECVI "Discordant Echocardiographic Grading in Low Gradient Aortic Stenosis (DEGAS) Study". SIECVI Webinar live 10/06/20
92. Trombosi ventricolare sinistra. Accuratezza diagnostica dell'ecocardiografia vs risonanza magnetica. SIECVI Webinar live 26/06/20
93. SIECVIrtual Congresso delle Regioni. 14 e 21 novembre 2020
94. Significato clinico e gestione dell'ostruzione ventricolare sinistra nella cardiomiopatia ipertrofica. SIECVI Webinar live 27/05/21
95. Le malattie cardiovascolari nel post-COVID-19. Endocardite infettiva e ruolo dell'ecocardiografia. Modena, 11/09/21

96. Approfondimenti in ecografia cardiovascolare transtoracica. SIECVI FAD sincrona Webinar. 21-29 settembre e 7 ottobre 2021
97. Utilizzo ed integrazione della quantificazione automatica del volume, massa e funzione ventricolare sinistra nel moderno laboratorio di eco. SIECVI Webinar live 11/11/21
98. Ecocardiochirurgia 2022. Milano, 28-30 Marzo 2022. Docente.