

DOTT. CLAUDIO MARABOTTI

TITOLI DI STUDIO

- 1983: Laurea in Medicina e Chirurgia (Università degli Studi di Pisa)
- 1986: Specializzazione in Medicina Nucleare (Università degli Studi di Pisa)
- 1989: Specializzazione in Malattie dell'Apparato Cardiovascolare (Università degli Studi di Pisa)
- 1997: Specializzazione in Medicina del Nuoto e delle Attività Subacquee (Università degli Studi di Chieti)

ATTIVITA' PROFESSIONALE

- Libero professionista, già dirigente Medico presso l'Unità Coronarica dell'Ospedale di Cecina (LI)

ATTIVITA' DI RICERCA E PUBBLICAZIONI SCIENTIFICHE

- Co-responsabile del progetto congiunto CNR/Organizzazione Mondiale della Sanità "GUARDIAN", per lo sviluppo di un accesso interattivo alle linee guida OMS per la Prevenzione Cardiovascolare (anni 2007-2008)
- Membro del Centro di Ricerca EXTREME (EXTRAordinary Environment Multidisciplinary Evaluation); Scuola Superiore Sant'Anna – Istituto di Fisiologia Clinica CNR - Pisa
- Invited Member of The American Physiological Society
- Autore di 65 articoli scientifici su riviste peer-reviewed censite da Pubmed - NCBI
- Revisore per le riviste *Journal of Sport Sciences, Medicine and Science in Sport & Exercise, Journal of Applied Physiology, Clinical Physiology & Functional Imaging, Undersea & Hyperbaric Medicine, Diving & Hyperbaric Medicine, Cardiovascular Ultrasound, Environment International, Journal of The American Heart Association, Circulation, Journal of the American College of Cardiology, PLOS One, American Journal of Physiology – Heart and Circulatory Physiology.*

ATTIVITA' DIDATTICA

- Già titolare dell'insegnamento di "Fisiopatologia cardiovascolare in immersione con mezzi ausiliari di respirazione"; Scuola di Specializzazione in Medicina del Nuoto e delle Attività Subacquee, Università degli Studi di Chieti (A.A. 1998-1999)
- Già titolare dell'insegnamento in "Fisiopatologia dell'apnea"; Scuola di Specializzazione in Medicina del Nuoto e delle Attività Subacquee, Università degli Studi di Chieti (AA.AA. 99-00 – 05-06)
- Insegnamento in Fisiopatologia Cardiovascolare e responsabile del modulo "Underwater medicine" presso il Master di 2° livello in Medicina Subacquea ed Iperbarica "Piergiorgio Data", Scuola Superiore S. Anna, Pisa

ELENCO PUBBLICAZIONI CENSITE DA PubMed – NCBI

ELENCO PUBBLICAZIONI CENSITE DA PubMed – NCBI

1. Marabotti C., Pingitore A. Acute cardiac events after COVID-19 vaccines and during spontaneous SARS-CoV-2 infection. *J Cardiovasc Med* 2023; 24: 1-4
2. Marabotti C. Efficacy and effectiveness of covid-19 vaccine - absolute vs. relative risk reduction. *Expert Rev Vaccines*. 2022 Apr 19:1-3.
3. Marabotti C. Past, present and future of the Cinderellas among health interventions. *Panminerva Med*. 2021 Jun;63(2):99-103
4. Marabotti C, Cialoni D, Pingitore A. *Acute pulmonary edema in healthy subjects*. *Aerosp Med Hum Perform*. 2020; 91(8):662-668.
5. Marabotti C, Piaggi P, Scarsi P, Venturini E, Cecchi R, Pingitore A. Mortality for chronic-degenerative diseases in Tuscany: Ecological study comparing neighboring areas with substantial differences in environmental pollution. *Int J Occup Med Environ Health*. 2017 Jun 19;30(4):641-653
6. Mastorci F, Vassalle C, Chatzianagnostou K, Marabotti C, Siddiqui K, Eba AO, Mhamed SAS, Bandopadhyay A, Nazzaro MS, Passera M, Pingitore A. Undernutrition and Overnutrition Burden for Diseases in Developing Countries: The Role of Oxidative Stress Biomarkers to Assess Disease Risk and Interventional Strategies. *Antioxidants (Basel)*. 2017 Jun 8;6(2).
7. Marabotti C, Cialoni D, Pingitore A. Environment-induced pulmonary oedema in healthy individuals. *Lancet Respir Med*. 2017 May;5(5):374-376
8. Spisni E, Marabotti C, De Fazio L, Valerii MC, Cavazza E, Brambilla S, Hoxha K, L'Abbate A, Longobardi P. A comparative evaluation of two decompression procedures for technical diving using inflammatory responses: compartmental versus ratio deco. *Diving Hyperb Med*. 2017 Mar;47(1):9-16.
9. Marabotti C, Prediletto R, Scalzini A, Pingitore A, Passera M, Laurino M, L'Abbate A. Cardiovascular and respiratory effects of the neoprene wetsuit in non-immersed divers. *Undersea Hyperb Med*. 2017 Mar-Apr;44(2):141-147
10. Venturini E, Marabotti C, Magni L, Testa R, Kounis NG. Myocardial bridge as a trigger of Kounis syndrome. *Int J Cardiol*. 2016 Jan 1;202:87-9.
11. Cialoni D, Marabotti C, Sponsiello N, Pieri M, Balestra C, Lucchini V, Marroni A. Genetic predisposition to breath-hold diving-induced hemoptysis: Preliminary study. *Undersea Hyperb Med*. 2015 Jan-Feb;42(1):75-83
12. Venturini E, Pellegrinetti A, Marabotti C, Magni L, Testa R. Myasthenia gravis and heart failure: is ivabradine

a useful drug? Int J Cardiol. 2014 Jun 1;174(1):e4-6

13. Marabotti C, Venturini E, Marabotti A, Pingitore A. Delayed multifocal recurrent stress-induced cardiomyopathy after antidepressants withdrawal. Heart & Lung. 2014 May-Jun;43(3):225-30
14. Marabotti C, Venturini E, Marabotti A, Pingitore A. Delayed multifocal recurrent stress-induced cardiomyopathy after antidepressants withdrawal- Heart Lung. 2014; May-Jun;43(3): 225-30
15. Venturini E, Pellegrinetti A, Marabotti C, Magni L, Testa R. Myasthenia gravis and heart failure: is ivabradine a useful drug? Int J Cardiol. 2014; Jun 1;174 (1)
16. Marabotti C, Piaggi P, Menicucci D, Passera M, Benassi A, Bedini R, L'Abbate A. Cardiac function and oxygen saturation during maximal breath-holding in air and during whole-body surface immersion. Diving & Hyperbaric Med 2013; 43: 131-138
17. Marabotti C, Scalzini A, Menicucci D, Passera M, Bedini R, L'Abbate A. Cardiovascular changes during SCUBA diving: an underwater Doppler echocardiographic study. Acta Physiol 2013; doi: 10.1111/apha.12112
18. Marabotti C, Scalzini A, Chiesa F. Increase of pulmonary arterial pressure in subjects with venous gas emboli after uncomplicated recreational SCUBA diving. Respiratory Medicine, 2013: doi.org/10.1016/j.rmed.2013.01.002
19. Cialoni D, Sponsiello N, Marabotti C, Marroni A, Pieri M, Maggiorelli F, Tonerini M, Frammartino B. Prevalence of acute respiratory symptoms in breath-hold divers. Undersea Hyperb Med. 2012 Jul-Aug;39(4):837-44. PubMed PMID: 22908840.
21. Marabotti C. The 2-h marathon--running from east. J Appl Physiol. 2011 Jan;110(1):280; discussion 294. PubMed PMID: 21542151.
22. L'Abbate A, Marabotti C, Kusmic C, Pagliazzo A, Navari A, Positano V, Palermo M, Benassi A, Bedini R. Post-dive ultrasound detection of gas in the liver of rats and scuba divers. Eur J Appl Physiol. 2011 Sep;111(9):2213-9. Epub 2011 Feb 12. PubMed PMID: 21318312.
23. Pingitore A, Gemignani A, Menicucci D, Passera M, Frassi F, Marabotti C, Piarulli A, Benassi A, L'Abbate A, Bedini R. Left ventricle changes early after breath-holding in deep water in elite apnea divers. Undersea Hyperb Med. 2010 Jan-Feb;37(1):13-21. PubMed PMID: 20369649.
24. Marabotti C, Scalzini A, Cialoni D, Passera M, Ripoli A, L'Abbate A, Bedini R. Effects of depth and chest volume on cardiac function during breath-hold diving. Eur J Appl Physiol. 2009 Jul;106(5):683-9. Epub 2009 May 8. PubMed PMID: 19424715.
25. Marabotti C, Belardinelli A, L'Abbate A, Scalzini A, Chiesa F, Cialoni D, Passera M, Bedini R. Cardiac function during breath-hold diving in humans: an echocardiographic study. Undersea Hyperb Med. 2008 Mar-Apr;35(2):83-90. PubMed PMID: 18500072.
26. Marabotti C, Scalzini A, Cialoni D, Passera M, L'Abbate A, Bedini R. Cardiac changes induced by immersion and breath-hold diving in humans. J Appl Physiol. 2009 Jan;106(1):293-7. Epub 2008 May 8. PubMed PMID: 18467547.
27. Marabotti C, Bedini R, L'Abbate A. Right ventricular volume determination: not a matter for echocardiography. J Appl Physiol. 2008 May;104(5):1547; author reply 1548. PubMed PMID: 18450997.
28. Marabotti C, L'Abbate A, Bedini R. Cardiac changes after SCUBA diving: the evasive shape of right ventricle. J Physiol. 2007 Aug 15;583(Pt 1):405; author reply 407. Epub 2007 Jun 14. PubMed PMID: 17569726; PubMed Central PMCID: PMC2277236.
29. Marabotti C, Chiesa F, Scalzini A, Antonelli F, Lari R, Franchini C, Data PG. Cardiac and humoral changes induced by recreational scuba diving. Undersea Hyperb Med. 1999 Fall;26(3):151-8. PubMed PMID: 10485515.

30. Parodi O, Neglia D, Palombo C, Sambuceti G, Giorgetti A, Marabotti C, Gallopin M, Simonetti I, L'Abbate A. Comparative effects of enalapril and verapamil on myocardial blood flow in systemic hypertension. *Circulation*. 1997 Aug;96(3):864-73. PubMed PMID: 9264494.
31. Ghione S, Genovesi-Ebert A, Marabotti C. [Morphofunctional features of left ventricular hypertrophy]. *G Ital Cardiol*. 1995 Dec;25(12):1659-68. Review. Italian. PubMed PMID: 8707016.
33. Michelotti F, Lucchesi S, Rocca R, Marabotti C, Gragnani SG, Bardini N, Di Bartolo F. [Kawasaki disease: apropos a case with pericardial effusion and persistent extrasystole]. *Pediatr Med Chir*. 1994 Jul-Aug;16(4):405-7. Review.
34. Italian. PubMed PMID: 7529410.
35. Marabotti C, Genovesi-Ebert A, Ghione S, Giacconi S, Palombo C. Diastolic function in the different patterns of left ventricular adaptation to essential hypertension. *Int J Cardiol*. 1994 Mar 15;44(1):73-8. PubMed PMID: 8021053.
36. Gistri R, Ebert AG, Palombo C, Marabotti C, Choudhury L, Camici PG. Effect of blood pressure lowering on coronary vasodilator reserve in arterial hypertension. *Cardiovasc Drugs Ther*. 1994 Feb;8(1):169-71. PubMed PMID: 8086329.
37. Genovesi-Ebert A, Marabotti C, Palombo C, Giacconi S, Rossi G, Ghione S. Echo Doppler diastolic function and exercise tolerance. *Int J Cardiol*. 1994 Jan;43(1):67-73. PubMed PMID: 8175221.
38. Ghione S, Genovesi-Ebert A, Marabotti C, Spinazzi A, Noseda A. Cardiac morphology and function in arterial hypertension. The effects of a new multifactorial hypotensive agent: urapidil. *Blood Press Suppl*. 1994;4:25-30. Review. PubMed PMID: 7804509.
39. Gigli G, Lattanzi F, Lucarini AR, Picano E, Genovesi-Ebert A, Marabotti C, Zunino R, Mazzarisi A, Landini L, Iannetti M, et al. Normal ultrasonic myocardial reflectivity in hypertensive patients. A tissue characterization study.
40. Hypertension. 1993 Mar;21(3):329-34. PubMed PMID: 8478042.
41. Marabotti C, Genovesi Ebert A, Palombo C, Giacconi S, Ghione S. [Relationship of Doppler indexes of left ventricular filling and exertion tolerance]. *G Ital Cardiol*. 1992 Oct;22(10):1151-6. Italian. PubMed PMID: 1291410.
42. Genovesi-Ebert A, Marabotti C, Palombo C, Ghione S, Cattaneo G, Noseda A, Spinazzi A. Effect of a new multifactorial antihypertensive on heart morphology and function in mild to moderate essential arterial hypertension. *Eur Heart J*. 1992 Jun;13 Suppl A:45-8. PubMed PMID: 1356776.
43. Neglia D, Sambuceti G, Palombo C, Marabotti C, Riva A, Puccini G, Parodi O. Quantitation of regional myocardial blood flow in coronary microvascular disease. *J Nucl Biol Med*. 1992 Apr-Jun;36(2 Suppl):41-51. PubMed PMID: 1450244.
44. Parodi O, Neglia D, Sambuceti G, Marabotti C, Palombo C, Donato L. Regional myocardial blood flow and coronary reserve in hypertensive patients. The effect of therapy. *Drugs*. 1992;44 Suppl 1:48-55. Review. PubMed PMID: 1283584.
45. Genovesi-Ebert A, Marabotti C, Palombo C, Ghione S. Electrocardiographic signs of atrial overload in hypertensive patients: indexes of abnormality of atrial morphology or function? *Am Heart J*. 1991 Apr;121(4 Pt 1):1113-8. PubMed PMID: 2008833.
47. Marabotti C, Genovesi-Ebert A, Palombo C, Giacconi S, Ghione S. Casual, ambulatory and stress blood pressure: relationships with left ventricular mass and filling. *Int J Cardiol*. 1991 Apr;31(1):89-96. PubMed PMID: 1830035.
48. Genovesi-Ebert A, Marabotti C, Palombo C, Giacconi S, Ghione S. Left ventricular filling: relationship with arterial blood pressure, left ventricular mass, age, heart rate and body build. *J Hypertens*. 1991 Apr;9(4):345-53. PubMed PMID: 1646261.

50. Marabotti C, Genovesi-Ebert A, Palombo C, Ghione S. The evaluation of diastolic function in arterial hypertension: how and why? *J Nucl Med Allied Sci.* 1990 Apr-Jun;34(2):103-10. Review. PubMed PMID: 2246672.
51. Marraccini P, Palombo C, Giacconi S, Michelassi C, Genovesi-Ebert A, Marabotti C, Fommei E, Ghione S, L'Abbate A. Reduced cardiovascular efficiency and increased reactivity during exercise in borderline and established hypertension. *Am J Hypertens.* 1989 Dec;2(12 Pt 1):913-6. PubMed PMID: 2610996.
52. Marabotti C, Genovesi-Ebert A, Palombo C, Giacconi S, Michelassi C, Ghione S. Echo-Doppler assessment of left ventricular filling in borderline hypertension. *Am J Hypertens.* 1989 Dec;2(12 Pt 1):891-7. PubMed PMID: 2610993.
53. Giacconi S, Ghione S, Palombo C, Genovesi-Ebert A, Marabotti C, Fommei E, Donato L. Seasonal influences on blood pressure in high normal to mild hypertensive range. *Hypertension.* 1989 Jul;14(1):22-7. PubMed PMID: 2737734.
54. Genovesi-Ebert A, Marabotti C, Palombo C, Giacconi S, Ghione S. Different determinants of left ventricular filling in normotensive subjects and essential hypertensive patients. *Am J Hypertens.* 1989 Feb;2(2 Pt 1):117-9. PubMed PMID: 2917047.
55. Giacconi S, Palombo C, Marabotti C, Genovesi-Ebert A, Mezzasalma L, Volterrani D, Ghione S. Left ventricular mass in borderline hypertension, assessed by echocardiography. Relationships with resting and stress blood pressure. *J Nucl Med Allied Sci.* 1989 Jan-Mar;33(1):26-31. PubMed PMID: 2526204.
56. Giacconi S, Palombo C, Genovesi-Ebert A, Marabotti C, Volterrani D, Ghione S. Long-term reproducibility and evaluation of seasonal influences on blood pressure monitoring. *J Hypertens Suppl.* 1988 Dec;6(4):S64-6. PubMed PMID: 3241275.
57. Genovesi-Ebert A, Marabotti C, Palombo C, Giacconi S, Ghione S. Determinants of left ventricular filling in normotensive and hypertensive subjects. An Echo-Doppler study. *J Nucl Med Allied Sci.* 1988 Oct-Dec;32(4):252-9. PubMed PMID: 3230412.
58. Palombo C, Marabotti C, Genovesi-Ebert A, Giacconi S, Michelassi C, Fommei E, Ghione S. Cardiovascular reactivity to physical and psychologic stress during long-term treatment with nitrendipine in essential hypertension. *J Cardiovasc Pharmacol.* 1988;12 Suppl 6:S135-42. PubMed PMID: 2468898.
59. Giacconi S, Palombo C, Genovesi-Ebert A, Marabotti C, Mezzasalma L, Ghione S. Medium-term reproducibility of stress tests in borderline arterial hypertension. *J Clin Hypertens.* 1987 Dec;3(4):654-60. PubMed PMID: 3453395.
60. Marabotti C, Palombo C, Genovesi-Ebert A, Michelassi C, Giacconi S, Palla L, Ghione S. Variability of hemodynamic parameters in young healthy subjects with and without hypertensive family history. *J Nucl Med Allied Sci.* 1987 Oct-Dec;31(4):311-4. PubMed PMID: 3327924.
61. Ghione S, Fommei E, Palla L, Rosa C, Palombo C, Ragazzini A, Marabotti C, Genovesi-Ebert A. Changes in renal function during physical and mental effort. *Clin Exp Hypertens A.* 1987;9 Suppl 1:89-96. PubMed PMID: 2824100.
62. Palombo C, Marabotti C, Genovesi-Ebert A, Giuliano G, Giacconi S, Fommei E, Mezzasalma L, Ghione S. Long-term hypotensive treatment with nitrendipine in mild to moderate essential hypertension: preliminary results of a placebo-controlled study versus atenolol. *J Cardiovasc Pharmacol.* 1987;10 Suppl 10:S90-5. PubMed PMID: 2455153.
63. Palombo C, Marabotti C, Genovesi-Ebert A, Del Chicca MG, Balzan S, Giacconi S, Fommei E, Gazzetti P, Clerico A, Ghione S. Acute hypotensive effect of calcium antagonists and endogenous digitalis-like immunoreactivity in human essential hypertension. *J Hypertens Suppl.* 1986 Dec;4(5):S461-4. PubMed PMID: 3033184.
64. Palombo C, Montereigi A, Genovesi-Ebert A, Marabotti C, Fommei E, Mazzocca GF, Ghione S, Marchesi C, Contini C. The intraarterial blood pressure monitoring in the evaluation of patients with dizziness and/or fainting. *Clin Exp Hypertens A.* 1985;7(2-3):423-8. PubMed PMID: 4006256.

65. Marchesi C, Palombo C, Raciti M, Monteregegi A, Taddei A, Marabotti C, Macerata A, Giacconi S, Ghione S. Electrocardiogram blood pressure and systolic time intervals long term monitoring in ambulant patients. Clin Exp Hypertens A. 1985;7(2-3):335-44. PubMed PMID: 4006245.

Autorizzo il trattamento dei miei dati personali presenti nel cv ai sensi del Decreto Legislativo 30 giugno 2003, n. 196 "Codice in materia di protezione dei dati personali" e del GDPR (Regolamento UE 2016/679).