Meet Our Associate Board Member

Walter Serra

University Hospital of Parma
Parma, Italy

He was Graduated in Pisa in 1983 and specialized in Cardiology in Parma in 1988 cum laude. He has done Postgraduate course in children's Cardiology in University of Bologna in 2001 and PhD in 'Respiratory Experimental Physiopathology' Clinical Pulmonary Institute Hospital University of Parma cum Laude (2008).

He is responsible for managing patients with pulmonary hypertension. It performs a major activity in echocardiography laboratories where transesophageal eco and ecostress are performed. Collaboration with the Cardiac Surgery Institute for intra and post-operative disorders with post-embolic, post-valve and related left ventricular dysfunction. Collaboration with hemodynamics for the performance of cardiac catheterization in pulmonary hypertension.

Walter Serra

Collaboration with DH Cardiology for the management of patients with cardiomyopathy, pulmonary hypertension and severe heart failure.

He has 72 publications in Italian and foreign journals. He did some presentations at national and international congresses ESC, AMNCO, SIEC and SIC. He belongs to various heart associations, among which AMNCO, SIC, SIEC, ESC, ESC-HF.

RECENT SELECTED PUBLICATIONS

- [1] Amr E. Abbas, Laura M. Franey, Thomas Marwick, Micha T. Maeder, David M. Kaye, Antonios P. Vlahos, Walter Serra, Karim Al-Azizi, Nelson B. Schiller, and Steven J. Lester. Noninvasive assessment of pulmonary vascular resistance by doppler echocardiography. *JASE* 2013; 26: 1170-7.
- [2] Walter Serra, Anna Negrotti, Elena Marchesi and Stefano Calzetti. A long-term echocardiographic study of the course of valvular dysfunctions following discontinuation of ergot-derived dopamine agonists in patients with Parkinson's disease. *IJC Metabolic & Endocrine* 2015; 6: 27-30.
- [3] Serra Walter, Marziliano Nicola, Corradi Domenico, Brigati Francesca, Mariano Intrieri, Piera Angelica Merlini, Alfredo Chetta. Compound *BMP2* gene mutations in malignant variant of idiopathic arterial hypertension. 2014; 4: 4824.
- [4] Walter Serra, Federica Lumetti, Flavio Mozzani, Giovanni Del Sante, Maria Alberta Cattabiani, Alarico Ariani. ESC/ERS Guidelines and DETECT algorithm recommendation in pulmonary artery hypertension associated to scleroderma. A real life comparison. XVII Congresso Nazionale SIEC Napoli Aprile 2015 Premiato fra i 10 migliori Abstract.
- [5] Walter Serra, Mauro Li Calzi, Paolo Coruzzi. Left atrial appendage thrombosis during therapy with rivaroxaban in elective cardioversion for permanent atrial fibrillation. *Clinics and Practice* 2015; 5: 788.
- [6] Serra W, Spaggiari I, Budillon AM, *et al.* Coronary artery bypass surgery in left main disease with idiopathic artery pulmonary hypertension. Role of PGE therapy. *Arch Pulmonology Respiratory Care* 2016; 2(1): 024-7.
- [7] Serra W, Cattabiani MAC, Tadonio IT, Ardisino DA, Vignali LV. Severe pulmonary artery hypertension in stenosis of left main coronary artery with 3-left ventricular dysfunction. A case report. *Eur J Heart Fail* 2016; 18(SUPPL. 1): 1388.
- [8] Serra W, Crisafulli E, Sverzellati N, Ugolotti PT, Tzani P, Marangio E, Ardisino D, Gherli T, Chetta A. Transthoracic echocardiography and chest computed tomography arteriography in patients with acute pulmonary embolism: a two-year follow-up study. *Respiration* 2016; 92(4): 235-40.
- [9] Walter Serra, Francesco Tafuni, Nicola Sverzellati, Maria Alberta Cattabiani and Angelo Placci. Pulmonary artery agenesis in young adult - two case reports. *Int J Clin Cardiol* 2017; 4: 096.
- [10] W. Serra, G. Benatti, A. Biagi. Role of transesophageal 3D echocardiography in adult cor triatriatum diagnosis. *Acta Biomedica* 2018; 89(1): 101-3.