

## **Elections to the Board 2014-2016**

### **Application for the position:**

EACVI Board

Councillor position



### **1. Your Identity**

**Title:** Full professor

**Family Name(s):** Separovic Hanzevacki

**First Name(s):** Jadranka

**Birth Date:** 21.12.1964

**Type of address:** Business

**Institute/Organisation:** Clinical Hospital Centre Zagreb and  
School of Medicine, University of Zagreb

**Department:** Department of Cardiovascular Diseases  
Department of Echocardiography  
and Heart Hemodynamics

**Address:** Kispaticeva 12

**Post Code/Zip:** 10000

**City:** Zagreb

**State / Province:**

**Country:** Croatia

**Mobile Phone:**

**Phone:**

**Fax:**

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### **2. General Curriculum Vitae (300 words max)**

- Married, son and daughter
- Current positions: Professor of Medicine and Cardiology at School of Medicine, University of Zagreb; Head of Department of Echocardiography and Heart Hemodynamic (2003-) at Department of Cardiovascular Diseases, Clinical Hospital Center Zagreb, Head of Referral Center of Echocardiography, Croatian Ministry of Health (2008-)
- Education: MD, MSc and PhD at School of Medicine, University of Zagreb; Degree of Advanced Studies 'Master of Medical Imaging' K.U. Leuven, Belgium (2001), Internal medicine residency 1993-1996, Cardiology subspecialty 1999-2001
- Training: Clinical research fellow 'Cardiac Ultrasound Research Group' K.U.Leuven, UH Gasthuisberg, Leuven Belgium (2000-2001), Texas Heart Institute, Houston, USA (1996 (07/08)
- Research interests: CRT, Cardiomechanics and Remodeling, Cytoprotection, Myocardial Disease and Deformation, Doppler Myocardial Imaging - scientific projects of the Croatian Ministry of Science (2002-2012 ) *senior researcher*
- Clinical interests: CRT, Heart Hemodynamic, HF, Congenital and Valvular Heart Diseases Arrhythmias, IHD
- Previous hospital appointments: Chief of Echocardiographic Laboratory, Department of Cardiovascular Diseases, Clinical Hospital Center Zagreb (2003);
- Established the first full digital ECHO Laboratory in Croatia (2003)
- FESC (2004), European Cardiologist Diploma (EBCS) (2001)
- Published more than 30 scientific articles in peer-reviewed international journals and 2 international scientific book chapter and 2 international book chapters
- Participation in the review process: Expert evaluator of the European Commission participated in evaluation of proposals under the FP7-Health; Reviewer of the scientific project applications for Croatian Ministry of Science; Reviewer for the CC Journals: American Journal of Cardiology, Heart, Croatian Medical Journal, Collegium antropologicum
- Abstract presenter and invited speaker in the field of echocardiography at ESC Congress, EUROECHO, Euroson Congress and other international and national meetings (more than 40 lectures given)

To promote excellence in clinical diagnosis, research, technical development and education in cardiovascular imaging

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### **3. Previous experience(s) in the EACVI or ESC or your National Bodies?**

- 2003-2009 Secretary, Working Group on Echocardiography, Croatian Cardiac Society
- 2009- President, Working Group on Echocardiography and Cardiac Imaging, Croatian Cardiac Society
- 2012- EACVI Education Committee member

### **4. Publications (please list 10 max)**

1. GR Sutherland, L.Hatle, P.Claus, L.Herbots and J. Separovic. Normal Data. In: G.R.Sutherland, **L.Hatle, P.Claus, J. D'hooge and B.H.Bijnens. Doppler Myocardial Imaging**, BSWK bvba, Scientific Consulting and Publishing-Hasselt, Belgium, 2006 49-102 ( ISBN 90-810592-1-1).
2. Alterations of Systolic Left Ventricular Twist after Acute Myocardial Infarction. D'hooge J, Claus P., and Separovic J. Am J Physiol Heart Circ Physiol 2002, 283: H2733-H2734
3. Late diagnosis and treatment: blunt traumatic rupture of the aortic root. Gasparovic H, Hanzevacki JS, Stern-Padovan R, Biocina B. Eur J Cardiothorac Surg. 2011 Jul; 40(1): 270. Epub 2011 Jan 11
4. Inhibition of methylidigoxin-induced arrhythmias by pentadecapeptide BPC 157: a relation with NO-system. Balenovic D, Bencic ML, Udovicic M, Simonji K, Hanzevacki JS, Barisic I, Kranjcevic S, Prkacin I, Coric V, Brcic L, Coric M, Brcic I, Borovic S, Radic B, Drmic D, Vrcic H, Seiwert S, Sikiric P. Regul Pept. 2009 Aug 7; 156(1-3): 83-9.
5. Non pressure overload LV hypertrophy in acromegaly leads to increased contractility and cardiac output whereas hypertensive hypertrophy does not. Cikes M, Separovic Hanzevacki J, Kastelan D, Dusek T, Lovric Bencic M, Ernst A, Milicic D, Bijnens B.. Kidney Blood Press Res 2009; 32: 312.
6. Successful treatment of mucormycosis endocarditis complicated by pulmonary involvement. Gubarev N, Separovic J, Gasparovic V, Jelic I. Thorac Cardiovasc Surg. 2007 Jun; 55(4): 257-8.
7. Early detection of left ventricular diastolic dysfunction in hypertensive heart disease by color Doppler myocardial imaging. Separovic-Hanzevacki J, Cikes M, Lovric-Bencic M, Sonicki Z, Cekovic S, Ernst A, Drinkovic N, Cikes I. Croat Med J. 2005; 46(6): 913-2.
8. Doxorubicine - Congestive Heart Failure - Increased Big Endothelin-1 Plasma Concentration: Reversal by Amlodipine, Losartan and Gastric Pentadecapeptide BPC157 in Rats and Mice. Lovric-Bencic M, Sikiric P, Hanzevacki JS, Seiwert S, Rogic D, Kusec V, Aralica G, Konjevoda P, Batelja L, Blagaic AB. J Pharmacol Sci 2004; 95: 19-26.
9. Cardiac arrest in a patient with Ebstein's anomaly without accessory pathways. **Nikolić BP, Lovrić D, Puljević D, Milčić D, Buljević B, Skorić B, Hanzevacki JS.** Coll Antropol. 2013 Dec; 37(4): 1357-9
10. Update of the echocardiography core syllabus of the European Association of Cardiovascular Imaging (EACVI). Cosyns B, Garbi M, Separovic J, Pasquet A, Lancellotti P: Education Committee of the European Association of Cardiovascular Imaging Association (EACVI). Eur Heart J Cardiovasc Imaging. 2013 Sep; 14(9): 837-9.

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### **6. Received Impact Factor(s) : Year / IF**

European Heart Journal IF 14,0

Am J Physiol Heart Circ Physiol IF 3.7,

The Thoracic and Cardiovascular Surgeon IF 3.40 ,

Eur J Cardiothorac Surg IF 2.55,

Journal of Pharmacology Science IF 2.4,

Regulatory Peptides IF 2.1

Croat Med J IF 1.79

Kidney Blood Press Res IF 1.71

### **5. Received Hirsch Index : Year / Index**

Sum of the Times Cited: 518+34

Sum of the times Cited without self-citations 398+33

Citing Articles: 135+28

Citing Articles without self-citations: 114 +27

Average Citations per item: 17.27 +3

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### **7. Why are you interested in joining the EACVI Board (150 words max)?**

Based on my dedication to excellence in echocardiography and clinical diagnosis and growing experience as the Chair of the National WG on Echocardiography I consider myself suitable for the challenging position of a counselor.

My goals would be to:

- Constructively contribute as a member of an international team in providing better environment for echocardiographers and cardiac imaging specialists to reduce the burden of cardiovascular disease across the Europe
- Speed-up cooperation between Eastern and Western European countries
- Help in organizing educational and research programs that would standardize professional level of comprehensive approach to cardiovascular imaging in European countries
- Continue insisting on clinical and research excellence in cardiac imaging
- Improve the perception of cardiac imaging specialists especially through intensifying activities on specific professional recommendations and creation of win-win projects with reimbursement agencies