

Elections to EACVI Board and Sections 2016-2018

**Application for the
position:**

Councillor



1. Your Identity

Title: Professor

Family Name: Lipiec

First Name: Piotr

Birth Date: 5th May 1976

Type of address: Business

Institute/Organisation: Medical University of Lodz

Department: Department of Rapid Cardiac Diagnostics

Address: Kniaziewiczza 1/5

Post Code: 91-347

City: Lodz

Country: Poland

Elections to EACVI Board and Sections 2016-2018

2. General Curriculum Vitae (300 words max)

Married, 2 children (11-year-old son and 3-year-old daughter)

CURRENT POSITIONS

Head of the Department of Rapid Cardiac Diagnostics, Medical University of Lodz, Poland

Director of the Echocardiographic Laboratory, Bieganski Hospital, Lodz, Poland

EDUCATION

1995-2001 – Undergraduate studies (MD), Medical Faculty, Medical University of Lodz (MUL), Poland

- the highest final average grade among all fellow students
- internships in teaching hospitals in UK, Netherlands and Italy

2008 – Board-certified specialist in internal diseases

2012 – Board-certified specialist in cardiology

SCIENTIFIC ACTIVITY

2006 – Doctoral thesis (Dr med.), MUL

2009 – PhD dissertation (Dr hab. med.), MUL,

2014 – Professor (Prof. dr hab. med.)

Over 150 papers in peer-reviewed national and international journals, 10 book chapters

Over 200 abstracts presented at national and international conferences

1 patent-pending invention

Reviewer for numerous journals, including: Annals of Internal Medicine, International Journal of Cardiology, American Journal of Cardiology, European Heart Journal - Cardiovascular Imaging, Heart, Cardiovascular Ultrasound, International Journal of Cardiovascular Imaging, BioTechniques, Echo Research and Practice

Supervision of 7 doctoral theses

Faculty member at numerous national and international meetings, including: ESC Congress, EuroEcho, ASE Annual Scientific Sessions, Central European Symposium on Echocardiography, EACVI teaching courses

PRIZES, AWARDS, RECOGNITIONS:

2010 – FESC

2012 – Gold medal at Brussels Innova (International Exhibition of Invention, Research and New Technologies) for the patent-pending Echo-CT fusion software tool

2012 – Silver medal at iENA Nuremberg, International Trade Fair, Ideas - Inventions - New Products for the patent-pending Echo-CT fusion software tool

Various national awards for scientific activity e.g. from Polish Ministry of Science, Polish Cardiac Society, Rector of MUL

MISCELLANEA:

Bronze medal at the International Chemistry Olympiad in China, 1995 (high-school)

Licensed lifeguard, motorboat helmsman and yacht helmsman

- 3. Previous experience(s) in the EACVI or ESC or your National Bodies?**
- 4. Are you a Board or Nucleus Member of another scientific organisation?**

President, Working Group on Echocardiography of the Polish Cardiac Society (2015-2017)

President-elect, Working Group on Echocardiography of the Polish Cardiac Society (2013-2015)

Secretary, Working Group on Echocardiography of the Polish Cardiac Society (2011-2013)

EAE Club 35 Committee member (2010-2012)

Board Member, Working Group on Grown-Up Congenital Heart Disease of the Polish Cardiac Society (2011-2013)

Elections to EACVI Board and Sections 2016-2018

5. Publications (please list 10 max)

1. **Lipiec P**, Wejner-Mik P, Krzemińska-Pakuła M, Kuśmierk J, Płachcińska A, Szumiński R, Peruga JZ, Kasprzak JD. Accelerated stress real-time myocardial contrast echocardiography for the detection of coronary artery disease: comparison with 99mTc single photon emission computed tomography. **Journal of the American Society of Echocardiography** 2008;21(8):941-7.
2. **Lipiec P**, Krzemińska-Pakuła M, Plewka M, Kuśmierk J, Płachcińska A, Szumiński R, Robak T, Korycka A, Kasprzak JD. Impact of intracoronary injection of mononuclear bone marrow cells in acute myocardial infarction on left ventricular perfusion and function: a 6-month follow-up gated 99mTc-MIBI single-photon emission computed tomography study. **European Journal of Nuclear Medicine and Molecular Imaging**. 2009;36(4):587-93.
3. Plewka M, Krzemińska-Pakuła M, **Lipiec P**, Peruga JZ, Jeżewski T, Kidawa M, Wierzbowska-Drabik K, Korycka A, Robak T, Kasprzak JD. Effect of intracoronary injection of mononuclear bone marrow stem cells on left ventricular function in patients with acute myocardial infarction. **American Journal of Cardiology** 2009;104(10):1336-42.
4. Wejner-Mik P, **Lipiec P**, Kasprzak JD. Long-term prognostic value of dipyridamole stress myocardial contrast echocardiography. **European Journal of Echocardiography** 2011;12(10):762-6.
5. Michalski B, Kasprzak JD, Szymczyk E, **Lipiec P**. Diagnostic utility and clinical usefulness of the pocket echocardiographic device. **Echocardiography** 2012;29(1):1-6.
6. Filipiak-Strzecka, Kowalczyk E, Hamala P, Kot N, Kasprzak JD, Kuśmierk J, Płachcińska A, **Lipiec P**. Long-term prognostic value of inducible and resting perfusion defects detected by sestaMIBI single-photon emission computed tomography in the era of rapid-access coronary revascularization. **Clinical Physiology and Functional Imaging** 2013;33(3):218-23.
7. Filipiak-Strzecka D, Michalski B, Kasprzak JD, **Lipiec P**. Pocket-size imaging devices allow for reliable bedside screening for femoral artery access site complications. **Ultrasound in Medicine and Biology** 2014;40(12):2753-8.
8. Filipiak-Strzecka D, Kasprzak JD, Wiszniewska M, Walusiak-Skorupa J, **Lipiec P**. The influence of lidocaine topical anesthesia during transesophageal echocardiography on blood methemoglobin level and risk of methemoglobinemia. **International Journal of Cardiovascular Imaging** 2015;31(4):727-31.
9. Miśkowiec D, Kupczyńska K, Michalski B, Uznańska-Loch B, Kurpesa M, Kasprzak JD, **Lipiec P**. Left atrial dysfunction assessed by two dimensional speckle tracking echocardiography in patients with impaired left ventricular ejection fraction and sleep-disordered breathing. **Echocardiography** 2016;33(1):38-45.
10. Szymczyk E, **Lipiec P**, Michalski B, Szymczyk K, Shim A, Woźniakowski B, Rotkiewicz A, Stefańczyk L, Kasprzak JD. 2D speckle tracking echocardiography for the assessment of regional contractile reserve after myocardial infarction. **Journal of Cardiovascular Medicine** 2016;17(5):374-81.

Elections to EACVI Board and Sections 2016-2018

6. Received Hirsch Index : Year / Index

Google scholar: H-index = 12, Citations = 514

Scopus: H-index = 10, Citations = 346

7. Received Impact Factor(s) : Year / IF

Cumulative Impact Factor = 93

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

To actively support ongoing EACVI's initiatives, but also to introduce and implement new ideas, such as:

- numerous **practical, hands-on courses and workshops** organized by the EACVI in various locations around Europe. Currently (during my presidency) Polish Working Group on Echocardiography organizes 12 practical workshops a year for its members (thanks to industry's support the registration is free) and I believe similar education programme can be undertaken by the EACVI (as an extension of current programme of EACVI theoretical teaching courses)
- **exchange programme** for young fellows working in cardiac imaging laboratories in Europe (similar to ERASMUS programme for undergraduate students)
- effort to establish joint EACVI-ASE transatlantic exchange programme for trainees in cardiac imaging
- open licence EACVI-approved software tool for writing, archiving and printing echocardiographic examination reports (available in various languages), containing also information on normal ranges and cut-off values of various parameters for quick reference
- open licence EACVI-approved mobile application with information on reference values useful in everyday clinical practice.