

## **Elections to EACVI Board and Sections 2016-2018**

<Inse

**Application for the  
position: vice chair  
echocardiography**



### **1. Your Identity**

**Title: Dr, associate professor in cardiology**

**Family Name(s): Kamp**

**First Name(s): Otto**

**Birth Date: 02-06-1957**

**Type of address: Business**

**Institute/Organisation: VU university medical center**

**Department: Cardiology**

**Address: De Boelelaan 1117**

**Post Code/Zip: 1081HV**

**City: Amsterdam**

**Country: The Netherlands**

## Elections to EACVI Board and Sections 2016-2018

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

**Otto Kamp, MD, PhD, FESC is staff cardiologist and Director of the Echocardiography Laboratory at the VU University Medical Center of Amsterdam, The Netherlands. He is past member of the Scientific Board of the European Association of Echocardiography. Furthermore, he is Project leader of the Interuniversity Cardiology Institute of the Netherlands (ICIN) and of the Institute for Cardiovascular Research VU (ICaR-VU). He participated as principal investigator in multiple clinical trials. He is grader and reviewer of several Scientific Journals (EHJ, EHJ-CI, JACC, Heart, JASE) and joins the editorial board of the EHJ, Cardiovascular Imaging and the Netherlands Heart Journal. He is past secretary of the Netherlands Working Group of Echocardiography and organizer of the Echo CVOI educational lectures in the Netherlands.**

**Graduated from the Academic Hospital Dijkzigt (present: Erasmus Medical Center) in Rotterdam, he wrote his Thesis in 1992 entitled: "Transesophageal Echocardiography in Mitral Regurgitation and Coronary Artery Disease". Nowadays, he has an extensive publication and presentation record in the field of echocardiography, resulting in more than 200 publications in the international literature and more than 100 chaired and invited lectures. Present research is focusing on contrast echocardiography (myocardial perfusion) and therapeutic ultrasound, especially in the setting of acute coronary syndromes.**

**In 2008, he won the competition of the ICIN-KNAW (Royal Dutch Academy of Science) round, and received a grant for the clinical trial "Sonolysis in acute ST- elevation myocardial infarction". This research is performed with therapeutic ultrasound and monitored by cardiac MRI. Also, he started a preclinical and clinical program for local drug and gene delivery with ultrasound and microbubbles, quantified by cardiac MRI and PET, with emphasis on therapeutic delivery in the coronary microcirculation after acute myocardial infarction and received Technology Foundation (STW) and BioMedical Materials (BMM) grants.**

## Elections to EACVI Board and Sections 2016-2018

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

**EAE member since its start, abstract grader for EAE since start, abstract grader ESC since 1990. Participating in several organizing meetings for Euroecho and meetings in the European Heart House, past member of scientific board (2008-10) and national council of the EAE, fellow of ESC, member international editorial board of the EHJ, Cardiovascular Imaging. Chair and invited lectures since 2000. Board member of the Netherlands WG echocardiography and past secretary. Fellow of the European Society of Cardiology (FESC). Counsitor EACVI from 2014-2016**

### 4. Are you a Board or Nucleus Member of another scientific organisation? If Yes, please specify

**Chair of the Amsterdam Cardiology Society (approx 200 members)**

**Past secretary of the Netherlands WG echocardiography**

## Elections to EACVI Board and Sections 2016-2018

### 5. Publications (please list 10 max)

- (1) Nijland F, **Kamp O**, Verheugt FW, Veen G, Visser CA. Long-term implications of reocclusion on left ventricular size and function after successful thrombolysis for first anterior myocardial infarction. *Circulation* 1997; 95(1):111-7.
- (2) Lepper W, Hoffmann R, **Kamp O**, et al. Assessment of myocardial reperfusion by intravenous myocardial contrast echocardiography and coronary flow reserve after primary percutaneous transluminal coronary angioplasty in patients with acute myocardial infarction. *Circulation*. 2000 May 23;101(20):2368-74.

- (3) **Kamp O**, Lepper W, Vanoverschelde JL, et al. Serial evaluation of perfusion defects in patients with a first acute myocardial infarction referred for primary PTCA using intravenous myocardial contrast echocardiography. *Eur Heart J*. 2001 Aug;22(16):1485-95. *Heart J*. 2001 Aug;22(16):1485-95.
- (4) Dijkmans PA, Juffermans LJ, Musters RJ, van Wamel A, ten Cate FJ, van Gilst W, Visser CA, de Jong N, **Kamp O**. Microbubbles and ultrasound: from diagnosis to therapy. *Eur J Echocardiogr*. 2004 Aug;5(4):245-56.
- (5) Dijkmans PA, Knaapen P, Sieswerda GT, Aiazian E, Visser CA, Lammertsma AA, Visser FC, **Kamp O**. Quantification of myocardial perfusion using intravenous myocardial contrast echocardiography in healthy volunteers: comparison with positron emission tomography. *J Am Soc Echocardiogr*. 2006 Mar;19(3):285-93.
- (6) Juffermans LJ, Dijkmans PA, Musters RJ, Visser CA, **Kamp O**. Transient permeabilization of cell membranes by ultrasound-exposed microbubbles is related to formation of hydrogen peroxide. *Am J Physiol Heart Circ Physiol*. 2006 Oct;291(4):H1595-601.
- (7) Dijkmans PA, Senior R, Becher H, Porter TR, Wei K, Visser CA, **Kamp O**. Myocardial contrast echocardiography evolving as a clinically feasible technique for accurate, rapid, and safe assessment of myocardial perfusion: the evidence so far. *J Am Coll Cardiol* 2006 December 5;48(11):2168-2177.
- (8) Meijering BD, Juffermans LJ, van Wamel A., Henning RH, Zuhorn IS, Emmer M, Versteilen AM, Paulus WJ, van Gilst WH, Kooiman K, de Jong N., Musters RJ, Deelman LE, **Kamp O**. Ultrasound and microbubble-targeted delivery of macromolecules is regulated by induction of endocytosis and pore formation. *Circ Res* 2009 March 13;104(5):679-687.
- (9) Slikkerveer J, Xie F, **Kamp O**, Gao S, Unger EC, Matsunaga T, Lof J, Porter TR. Improvement in myocardial blood volume and ultimate infarct size despite persistent epicardial occlusion using three-dimensional transthoracic ultrasound and intravenous non-targeted microbubbles. *Eur Heart J* 2010;31 (suppl 1):873-1071.
- (10) Slikkerveer J, Kleijn SA, Appelman Y, Porter TR, Veen G, van Rossum AC, **Kamp O**. Ultrasound enhanced prehospital thrombolysis using microbubbles infusion in patients with acute ST elevation myocardial infarction: pilot of the Sonolysis study. *Ultrasound Med Biol* 2012; 38(2):247-52.

## 6. Received Hirsch Index : Year / Index

**2016: Hirsch index: 46**

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

**Not assessed**

## Elections to EACVI Board and Sections 2016-2018

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

- 1 To assist and participate in the integration of multimodality imaging in cardiology in Europe**
- 2. To assist and develop scientific research in multimodality diagnosis and therapy, e.g. therapeutic ultrasound monitored by cardiac MR, and integrated multimodality imaging e.g echo/angio and echo/CT.**
- 3. To improve the existing link between EACVI and national societies with emphasis on development of multimodality imaging in cardiology . In this context, I am focused on the final definition and international recognition of the subspeciality imaging cardiologist**



# European Association of Cardiovascular Imaging

## A Registered Branch of the ESC

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

