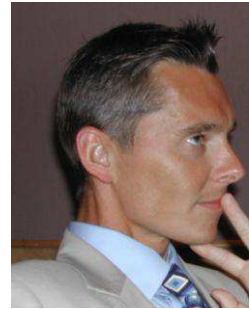


**Application for the following position in
the EAE Board:**

Councillor



1. Your Identity

Title: Ass. Professor

Family Name(s): Tschernich

First Name(s): Heinz

Birth Date: 14. 09. 1968

Type of address: Business

Institute/Organisation:

Heart Centre Leipzig, University of Leipzig

Department: Dept. of Cardiac Anaesthesiology and Intensive Medicine II

Address: Struempellstr. 39

Post Code/Zip: 04289

City: Leipzig

State / Province: Saxony

Country: Germany

2. General Curriculum Vitae (300 words max)

EDUCATION:

Assistant in Internal Medicine, 1993-94 (Krems, Austria)

Assistant in Surgery, 1994 (Krems, Austria)

1994-1998 Assistant/Physician at Dept. of General Anaesthesiology and Intensive Medicine, Medical University of Vienna, Austria

1998-2000 Assistant/Physician at Dept. of Cardiothoracic and Vascular Anaesthesiology and Intensive Medicine, Medical University of Vienna, Austria

2000-2009 Specialist in Cardiothoracic and Vascular Anaesthesiology and Intensive Medicine, Medical University of Vienna, Austria

2006 Ass. Professor at Medical University of Vienna, Austria

2009 – present Vice Director of the Dept. of Anaesthesiology and Intensive Medicine II, Heart centre of Leipzig, Medical University of Leipzig, Germany

2003-2009 Head of the Laboratory of Perioperative Echocardiography of the Department of Cardiothoracic and Vascular Anaesthesiology and Intensive Medicine, Medical University of Vienna, Austria

PROFESSIONAL SOCIETY MEMBERSHIPS AND ACTIVITIES:

1996-present Membership Austrian Society of Anaesthesiology, Resuscitation and Intensive Medicine (OEGARI)

2004-present Member of the Nucleus of the Austrian Workgroup on Perioperative Echocardiography of the OEGARI

2004-2007 President of the Austrian Workgroup on Perioperative Echocardiography of the OEGARI

1999-present Membership of the European Association of Cardiothoracic Anaesthetists (EACTA)

2007-present EACTA Representative Board Member

2008- present Member of the EACTA Echo Committee

2007-present Member of the European Association in Echocardiography

ECHO-CERTIFICATION and EDUCATIONAL ACTIVITIES in PERIOPERATIVE ECHOCARDIOGRAPHY

2001 Accreditation in Perioperative Echocardiography (National Board of Echocardiography, USA)

2004 Member of the Austrian Educational and Certification Board in Perioperative Echocardiography

2008 Member of the EACTA Certification Board in Perioperative Echocardiography

SCIENTIFIC AND PROFESSIONAL MEETING ORGANIZATION AND LEADERSHIP

2000-present Organizer of the Echo Courses in Perioperative Echocardiography, Medical University of Vienna, Austria (Basic-, Advanced)

2006 Organizer of the EACTA 1st Advanced Echo course, Loipersdorf Austria

2008-present Co-organizer of the Austrian Certification in Perioperative Echocardiography

2009-present Organizer of the Echo Courses in Perioperative Echocardiography, of the Dept. of Anaesthesiology and Intensive Medicine II, Heart centre of Leipzig, Medical University of Leipzig, Germany

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

2007 – present EAE Member

1996-present Membership Austrian Society of Anaesthesiology, Resuscitation and Intensive Medicine (OEGARI)

2004-present Member of the Nucleus of the Austrian Workgroup on Perioperative Echocardiography of the OEGARI

2004-2007 President of the Austrian Workgroup on Perioperative Echocardiography of the OEGARI

4. Publications (please list 10 max)

Determination of cardiac output by two-dimensional and Doppler echocardiography .
Tschernich H, Weber T, Wolrab C, Andel H, Huemer G, Zimpfer M
Acta Anaesthesiol Scand Suppl. 1997; 111: 276-8

Catheter-induced thrombus in the superior vena cava diagnosed by transesophageal echocardiography.
Weber T, Huemer G, Tschernich H, Kranz A, Imhof M, Sladen RN
Acta Anaesthesiol Scand. 1998; 42(10): 1227-30

Determination of myocardial contractility by transesophageal echocardiography.
Weber T, Tschernich H, Wolrab C, Andel H, Huemer G
Acta Anaesthesiol Scand Suppl. 1997; 111: 281-3

Intraoperative myocardial ischemia and transesophageal echocardiography.
Huemer G, Weber T, Tschernich H, Wolrab C, Andel H, Zimpfer M
Acta Anaesthesiol Scand Suppl. 1997; 111: 274-6

Mild intraoperative hypothermia prolongs postanesthetic recovery.
Lenhardt R, Marker E, Goll V, Tschernich H, Kurz A, Sessler DI, Narzt E, Lackner FX
Anesthesiology. 1997; 87(6): 1218-23

Tromethamine buffer modifies the depressant effect of permissive hypercapnia on myocardial contractility in patients with acute respiratory distress syndrome.
Weber T, Tschernich H, et. al. Am J Resp Crit Care Med 2000, 162: 1361-5

A double patch sandwich technique for surgical repair of acute aortic dissection type A.
Fleck TM, Tschernich H, Grabenwoger M, Hutschala D, Koinig H, Wolner E, Mohl W. Ann Thorac Surg. 2003 Aug;76(2):499-502.

Stent graft placement of the thoracoabdominal aorta in a patient with Marfan syndrome.
Fleck TM, Hutschala D, Tschernich H, Rieder E, Czerny M, Wolner E, Grabenwoger M. J Thorac Cardiovasc Surg. 2003 Jun;125(6):1541-3.

Evaluation of the Mitral valve after Mitral valve repair.
Tschernich H, Seitelberger R, Hiesmayr M. Intensivmed 2005, 42: 683-96

5. Publications (please list 10 max)

Assessment of the Effects of Glutamate on Diastolic Function in the Hypertrophic Left Ventricle during Aortic Valve Replacement by Flow Propagational Velocity
Tschernich H, Mukherjee C, Hnidek K, Base E, Mora B, Hiesmayr M. In Press CJA, 2010

Prevalence of a transmural gradient in radial thickening of the left ventricular myocardium recovering from cardiopulmonary bypass. Mora B, Weber U, Base E, Tschernich. H.
Submitted 07/2010

5. Why are you interested in joining the EAE Board (150 words max)?

RESEARCH AREAS

Myocardial deformation imaging and transoesophageal echocardiography
RT3D transesophageal echocardiography
Mitral valve morphology and function assessment using RT3DTEE
Intraoperative diastolic function in the field of cardiac surgery
Intraoperative systolic function in the field of cardiac surgery
Ventricular function as influenced by cardiopulmonary bypass and cardioplegia

I am mainly interested in the field of education in echocardiography, especially in transesophageal echocardiography in the perioperative field. I feel that there is importance to develop a closer relationship between EAE and EACTA in the conjoint field of transoesophageal echocardiography.

As echocardiographic subspecialities develop EAE should be the European Body to merge all „emerging“ echo-fields. Therefore I am interested in being internal part of EAE with a spezial focus in harmonizing educational and scientific interests of EAE and EACTA.

