

**Curriculum Vitae 280416****Name:** Svend Aakhus**Date of birth:** Nov. 30<sup>th</sup>, 1958**Age:** 57**e-mail:** svend.aakhus@ntnu.no,**Country of origin:** Norway**Country of residence:** Norway**Professional title:** MD, Specialist in Cardiology and Internal medicine, Professor of Medicine.**Academic degree:** Dr. med**H-index: 28, i10- index: 58, number of citations: 4024**

**Memberships:** Fellow of European Society of Cardiology, European Association of Echocardiography, American Society of Echocardiography, Norwegian Medical Association, Norwegian Society of Cardiology (Honorary member).

**Working positions:**

- 2011 – present: **Professor of Medicine**, Institute of Circulation and Imaging techniques, NTNU, Trondheim, Norway
- 2016 – present: **Consultant in Cardiology**, Dept. of Cardiology, Trondheim University Hospital
- 2002 – 2016: **Consultant and Chief of Section**, Cardiac ultrasound, Department of Cardiology, National University Hospital, Oslo, Norway
- 1999-2002: Consultant in Cardiology, Bærum Hospital, Norway, **Chief of Section** 2001-02.
- 1994-1999 and 1987-1989 **Fellow in internal medicine and cardiology**, Trondheim University Hospital and Rikshospitalet, Oslo, Norway.

**Organisatory positions:**

- **Norwegian Society of Cardiology**,
  - President 2003-2005
  - Board member 2001-2007
  - Honorary member 2009
- **Working Group for Echocardiography**, Norway
  - Chairman 2008 – 2012
- **European Society of Cardiology**:
  - Member of ESC Nominating Committee 2010-2012
  - EuroEcho 2010: Member of Organizing Committee and Scientific Committee, EAE
- Norwegian Medical Association: Member of the national assembly 2003-2005
- Scientific Committee, Norwegian Society of Cardiology 2011-2015, chairman

**Research activities:**

- **Research group:** Leader and founder of Research Group for Clinical Echocardiography, Norwegian University of Science and Technology, with present members: 10, associate members: 17, national and international collaborators: 20
- **Focus:** clinical cardiology studies, echocardiography/imaging, stem cells in cardiology
- **145 publications in referee based international journals**, including N Engl J Med, Circulation, Lancet, J Am Coll Cardiol, Heart, Am J Cardiol, Am Heart J, Eur Heart J.
- **10 submitted papers** as of April 2016
- **Citations: 4024**
- **Reviewer** for medical scientific journals: Eur Heart J (36), Circulation, Heart, Am J Cardiol, Eur J Heart Failure, Eur J Echocardiogr, Scand Cardiovasc J and others
- **Editorial board member:** J Cardiovasc Med 2011-, Int Cardiovasc Forum J 2012 -
- **Supervisor** for 15 PhD research fellows (main supervisor for 7, co-supervisor for 8).
- **Opponent in PhD dissertations and/or member of adjudication committees:** 11 - St. Olavs University Hospital, NTNU, Trondheim, Norway (2007, 2008), and Oslo University Hospital, Norway (2010, 2012), Karolinska University Hospital Stockholm (2008, 2011), Sweden, and Aarhus University Hospital (2010), Rigshospitalet, Denmark (2012, 2013), Odense, Denmark (2015), and Tromsø University Hospital (2015).
- **Member of education committee for clinical professorship** in cardiology, University of Southern Denmark, Odense 2014, NTNU, Trondheim 2015 and Tromsø University Hospital (2015).
- **International collaboration** with:
  - University Hospital of Ghent. Att. prof. Patrick Segers
  - University Hospital Bern, PhD, att. dr. Stefano DeMarchi
  - University Hospital Leuven, att. prof. Jens Uwe Voigt
  - University Hospital Trondheim, NTNU, att. prof. Hans Torp
  - Karolinska University Hospital Stockholm, Sweden, prof. Lars Å. Brodin
  - Copenhagen University Hospital, dr. med. Henning Bundgaard, dr. Thomas Fritz Hansen
  - University Hospital, Cardiff, prof. Alan Fraser
  - University Hospital Novara, prof. Paolo Marino

**International professional and research visits:**

- 2006: University of Queensland, Princess Alexandra Hospital, courtesy of .prof. Thomas Marwick
- 1990 and 1993; University of Chicago, USA. Dept. Noninvasive Imaging and Physiology, courtesy of prof. Ken M. Borow.
- 1991: University Hospital of Gothenborg, Sahlgrenska, courtesy of dr.med. Ingemar Wallentin
- 1982: Stanford Medical, visiting student, Medical School and Hospital.

**Other qualifications:**

- Master of Health Administration, University of Oslo, 2013
- Mathematics and statistics, University of Oslo, 1979-81, 20 w points

**Major grants:**

- 2003: Autologous stem cell transplantation in acute myocardial infarction (ASTAMI). National Council on Cardiovascular diseases. PhD project 3 years. Euro 300.000.-
- 2006: Stem cell treatment in heart disease. Project 6546. National Council on Cardiovascular diseases. PhD project 3 years. Euro 300.000.-
- 2010: Diastolic heart failure. Media project, FP7 – European Union Research grant. PhD project 3 years. Euro 150.000.-
- 2011: Cardiovascular status and hemodynamic function after high dose chemotherapy with autologous stem cell transplantation (HDT) for malignant lymphomas. Health and rehabilitation, Extrastiftelsen Grant. PhD project 3 years. Euro 280.000.-
- 2012: Effect of beta blockade on left ventricular remodeling and function in moderate to severe asymptomatic aortic regurgitation. A randomized controlled study. Helse Sør Øst., Euro 362.000.-
- 2013: Echocardiographic studies of cardiovascular status in long term cancer survivors. Euro 150.000,-
- 2016: Echocardiographic studies of myocardial function in aortic stenosis. Faculty of Medicine, NTNU, Trondheim. Euro 220.000,-