

Application for the following position in
the EAE Board:

COUNCILLOR



1. Your Identity

Title: Professor

Family Name(s): Senior

First Name(s): Roxy

Birth Date: 13th May 1953

Type of address: Business Home

Institute/Organisation: Royal Brompton Hospital,

Department: Department of Cardiology

Address: Royal Brompton Hospital, Sydney Street, London SW3 6NP

Post Code/Zip: SW3 6NP

City: London

State / Province:

Country: United Kingdom

2. General Curriculum Vitae (300 words max)

I am at present Professor in Clinical Cardiology, NHLI, Imperial College and Consultant Cardiologist and Director of Echocardiography at the Royal Brompton Hospital, London and Northwick Park Hospital, Harrow. We perform approximately 20,000 echocardiograms per year, including 1700 transoesophageal echocardiograms at the Royal Brompton Hospital and 7000 echocardiograms at Northwick Park Hospital including 2000 stress echocardiograms. The Royal Brompton Hospital has the largest cardiac unit in the UK. I graduated and obtained my masters degree in medicine and cardiology from the University of Calcutta, India and migrated to the UK in 1989 when I joined Northwick Park Hospital as a research fellow. I am a clinician with a major interest in echocardiography, I have been involved with echocardiography for the last 25 years. I have published over 200 original papers in this field. My particular interest is in heart failure, coronary artery disease and acute coronary syndrome. I have pioneered the clinical development of myocardial contrast echocardiography especially in the detection of myocardial viability. I have used stress echocardiograms for early discharge of patients with suspected acute coronary syndrome. Furthermore, I have utilised hand-held echocardiography for the detection of cardiac dysfunction and assessed its cost-effectiveness in comparison to BNP for the detection of heart failure. I have also recently completed a study assessing cardiac function and carotid atherosclerosis in Indian Asian vs European Whites which may clarify the differential outcome in these two ethnic groups. I have been awarded the "Edler Lecture" by the University of Lund for my pioneering work in echocardiography. I am in various task force committees in the American Society of Echocardiography. I am on the editorial board of the European Journal of Echocardiography and the Indian Heart Journal.

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

I have been in the Education Committee of the British Society of Echocardiography from 1997-2006 following which I was elected as a Council Member on the British Society of Echocardiography Board from 2003-2005. I was part of the Committee for the development of national guidelines on stress echocardiography in 2005 which was published in Heart 2005; 91: 427-436. I also led the development of the recommendation paper on contrast echocardiography on behalf of the European Association of Echocardiography. The paper was published in European Journal of Echocardiography 2009; 10: 194-212

4. Publications (please list 10 max)

Please see attached list

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

Through my clinical experience and research over the years, I have gained meaningful insight into how I can further the motto of the European Association of Echocardiography (EAE) and contribute towards further development of EAE. EAE needs to enhance the educational programmes that it has effectively developed and take it to the next level. It needs to be spread and enhanced its presence in developing countries where echocardiography, a very cost-effective technique, is haphazardly used. I also believe that it is important to work closely with industries to help in the development of the technique of echocardiography. EAE should take the lead in this. My experience in this field can be utilised to develop these more effectively. My vision is also to create a pan-European database in various aspects of echocardiography that will help us to perform audits which will help improve the practice of echocardiography. I consider myself to have sufficient experience to put these thoughts into practice and also effectively participate in other development programmes deemed appropriate by the EAE leadership.