

Professor S. Yen Ho PhD FRCPATH FESC FHEA

Consultant Cardiac Morphologist, Royal Brompton Hospital, London, SW3 6NP, UK  
Professor Emeritus of Cardiac Morphology, Imperial College London

Prof Ho specializes in anatomy of congenital heart disease and arrhythmias including morphological correlates with cardiac imaging, surgery, interventions, and electrophysiology. Annually, she organizes and directs several short courses on congenital heart malformations for postgraduates and practitioners including her very well known 'Hands-on Cardiac Morphology' course at the Royal Brompton Hospital. She is a Fellow of the European Society of Cardiology, Fellow of the Royal College of Pathologists (London) and a Registered Practitioner and Fellow of the Higher Education Academy(UK). She recently made a series of educational lectures viewable on 3D format with the aim of improving understanding of Cardiac Anatomy for students as well as for Cardiac interventionists and surgeons. To date, she has written/co-written over 400 research papers published in peer-reviewed journals, 120 chapters in books, and 13 books. Her book with Dr Sabine Ernst, 'Anatomy for Cardiac Electrophysiologists', is popular among trainees as well as experienced practitioners.

### **Examples of publications:**

Nagarajan VD, Ho SY, Ernst S. Anatomical Considerations for His Bundle Pacing. *Circ Arrhythm Electrophysiol.* 2019 Jul;12(7):e006897. doi: 10.1161/CIRCEP.118.006897. Epub 2019 Jul 12.

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Wunderlich NC, Beigel R, Ho SY, Nietlispach F, Cheng R, Agricola E, Siegel RJ. Imaging for Mitral Interventions: Methods and Efficacy. *JACC Cardiovasc Imaging* 11(6):872-901 Jun 2018

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Maurer T, Metzner A, Ho SY, Wohlmuth P, Reißmann B, Heeger C, Lemes C, Hayashi K, Saguner AM, Riedl J, Sohns C, Mathew S, Kuck K-H, Wissner E, Ouyang F. Catheter Ablation of the Superolateral Mitral Isthmus Line: A Novel Approach to Reduce the Need for Epicardial Ablation. *Circ Arrhythm Electrophysiol* 10(10):Oct 2017

Baruteau A-E, Abrams DJ, Ho SY, Thambo J-B, McLeod CJ, Shah MJ. Cardiac Conduction System in Congenitally Corrected Transposition of the Great Arteries and Its Clinical Relevance. *J Am Heart Assoc* 6(12):21 Dec 2017

Ho SY, Sánchez-Quintana D. Anatomy and pathology of the sinus node. *J Interv Card Electrophysiol.* 2016 Jun;46(1):3-8. doi: 10.1007/s10840-015-0049-6. Epub 2015 Aug 30.

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Ueda A, Adachi I, McCarthy KP, Li W, Ho SY, Uemura H. Substrates of atrial arrhythmias: histological insights from patients with congenital heart disease.. *Int J Cardiol* 2013;168:2481-6.

Ho SY, Cabrera JA, Sanchez-Quintana D. Left atrial anatomy revisited. *Circ Arrhythm Electrophysiol* 2012;5:220-8.