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Current Post: Consultant Cardiologist & Intensivist
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Qualifications, honours & awards

Professor of Practice (cardiology and intensive care medicine) National Heart & Lung Institute, Imperial College, London	2018
Finalist, Medical Women's Foundation Centenary Awards	2017
Honorary Member Romanian Society of Cardiology	2017
ESC grant, Said Business School, Women Transforming Leadership	2015
FRCP, London UK	2015
ESC Special recognition award, Acute Cardiac Care	2014
FFICM	2011
BHF Grant, Jill Dando GUCH Fellowship	2003-2005
CCST Cardiology	2003
European Diploma Intensive Care Medicine (EDICM)	2003
PhD Imperial College, London	2001
BHF Research Grant, PhD	1998-2001
MRCP, London UK	1993
MB BS (Hons), King's College, London	1990
BSc (First Class) King's College, London	1987

Current employment

Consultant Cardiologist & Intensivist Royal Brompton & Harefield NHS Foundation Trust, Honorary Senior Lecturer, NHLI, Imperial College, London	2006-
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Recent & current National/International Positions of Responsibility

President, ESC Acute Cardiovascular Care Association	2018-
Board member, European Society of Cardiology, ESC	2018-
National 7-day echo provision project, NHSE	2017-
ESC Social Media Advisory Committee	2017-
Reviewer NCEPOD Acute Heart Failure Cases	2017-18
Regional lead FICM FICE NW Thames	2017-
Executive Board, ESC ACCA	2017-
Executive Committee EORP Valvular Disease, ESC (VHD II)	2016-
Task Force ESC Guidelines Cardiovascular Disease in Pregnancy	2016-18

Oversight committee: Behavioural Needs Assessment MV, ESC	2016-18
Task Force Live Events, ESC	2016-
ESC Education Committee: lead for Standards & Governance	2016-18
ESICM & ESC VA ECMO Taskforce (ESC ACCA lead)	2016-
Congress Co-chair, David Bennet Intensive Care Summer School	2016-
Press Liaison Officer, ESC Congress, London	2015
Medical Advisor, NHS Professionals	2015-
Examiner, EDICM, RBH	2014-16
Committee for education online, ESC	2014-17
Acute Heart Failure Task Force, Acute Cardiac Care, ESC	2014-
Press Committee, ESC	2014-18
Regional Adviser, FICM (NW Thames)	2013-18
Lead ESC ACCA programme for education online (ESCeL)	2013-16
Exam-setting Committee, Faculty of Intensive Care Medicine	2013-
Chair, Focused Echo Evaluation in Life Support committee, RCUK	2013-
Examiner, Faculty of Intensive Care Medicine, UK	2013-
ALS Subcommittee, Resuscitation Council, UK	2013-
Accreditation Mentor, BSE	2013-
Congress Programme Committee, ESC	2012-16
Education committee, ESC	2012-
Chair, education committee, Acute Cardiac Care (ESC)	2012-16
Guidelines Committee, US training (echo) SCCM, USA	2012-18
Faculty Tutor, Faculty of Intensive Care Medicine,	2011-
Executive Committee, ESC Transcatheter Valve Registry	2011-16
Accreditation committee, British Society of Echocardiography (ICM)	2010-14
Training UK military doctors in FoCUS, lead	2013-
Taskforce Non-cardiac Surgery Guidelines, ESC	2013-16
Committee for Education Online, ESC	2011-
Accreditation committee, BSE (co-opted)	2010-13
Approved Supervisor echocardiography, EACVI, ESC	2010-
Senior Examiner, Acute Cardiac Care, ESC	2010-
Specialist Adviser, NICE Cardiovascular	2010-14
Education committee, Intensive Care Society	2009-14

Current Local Positions of responsibility

Advanced Critical Care Practitioners (ICU) task force, RBH	2017-
Transformational lead, RBH ICU	2016-18
Cardiology Advisor, London Intensive Care Group	2017-
RBH Education Board	2016-
Lead, remote acute echo review IT, RBH	2015-
EPMA committee, RBH	2014-
Medicines management committee	2014-
Bullying & harassment advisor, RBHT	2013-16
Lead peri-procedural echo, RBH	2006-

Local projects

Respiratory ECMO RBH ICM bid, ICU lead	2016-17
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ECMO portal board	2016-17
Collaborative research enterprise, teamworking AICU, AXDEV	2015
Consultant representative, senior nursing days	2014-
AICU Q&S meetings	2015-
Lead Author, MitraClip bid, CtE	2014-16
Mentor KCH medical students SS	2015-17
Teaching AICU induction	2010-17
Shortlisting and interviewing all potential JDs for AICU	2010-18
Grading meeting for M&M AICU representation	2008-
QIP: pacing tech AICU daily review (new post)	2016
Business case for periprocedural sonographer (new post)	2016
Levosimendan guidelines lead author	2015
Appraiser RBH	2014-
EDM project, RBHFT	2014-16
PAS replacement project, RBHFT	2014-16
EPMA Project Board, RBHFT	2014-16
Library subscription committee	2015-
Trust champion PAS /Lorenzo Records management	2014-16
RBHT introduction to TOE (handbook and course)	2012-16
Contributor to anaesthetic and TOE teaching	2010-16
Author SOP for ICU echo (incl pacing optimisation and ECMO, TCVT)	2011-18
Lead development periprocedural echo TAVI, MitraClip, neonatal TOE	2010-16
Clinical imaging IT working group, RBH	2015-
RBH Endocarditis team	2015-16
Author, Trust ICIP TOE	2012-
Author Trust ICIP cardioversion	2012-
Lead clinician Ebola preparedness, AICU	2015
RCUK FEEL courses, RBH	2013-
Commissioning through Evaluation, NHS, MitraClip	2014-16
FATE hub centre, crit care echo	2014-16
Lead lung US courses, RBH	2014-16
SPRinT debriefer	2015-16
Visiting fellow programme (12-20 fellows/year), AICU	2012-
Mentor for undergraduate students, Imperial College	2014-16
Regular lecturer/contributor, RBHT ECMO courses	2013-
Philips echo –Sparq ICU echo protocols (international)	2015

Invited expert opinion

Medical Advisory Board, Phillips US	2017-
Visiting Professor Programme ICU & ECMO organisation, Oslo	2016
Visiting Professor Programme, Riyadh (GUICH ICU and ACC)	2015
ESC EACVI, innovations in echocardiography for Europe, Nice	2016
CICU and ECMO, Milan, Italy	2016
Aortic MDT, Astrakhan, Russia	2015

Published National/International guidelines, position statements and curricula

RCUK recommendations resuscitation training and cardiac rehab	2017
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SCCM recommendations echo in ICM	2016
SCCM recommendations US in ICM	2016
RCUK Guidelines Resuscitation	2015
ESC Guidelines, Management of Endocarditis	2015
ESC Guidelines pericardial disease	2015
SCCM recommendations US in ICM	2015
EACVI/ACCA recommendations on echo in acute cardiac care	2015
Acute Cardiac Care Curriculum, ESC	2014
ESC guidelines non-cardiac surgery	2014
Core Curriculum, Intensive and Acute Cardiovascular Care, ESC	2014
Core Curriculum, Cardiology, ESC	2013
ESC guidelines valvular heart disease	2013
ESC guidelines on heart disease in pregnancy	2011
ESICM training standards critical care echocardiography	2011
ESC guidelines on congenital heart disease	2009
ESC guidelines on pulmonary hypertension	2008

Invited Reviewer

European Heart Journal, Acute Cardiovascular Care (associate editor)
Journal of the American College of Cardiology
American Journal of Respiratory and Critical Care Medicine
Minerva Anesthesiologica
European Heart Journal Cardiovascular Imaging
Resuscitation
American Journal of Cardiology
Europace
Journal of Interventional Cardiology
Critical Care
Intensive Care Medicine
Echo Research and Practice
Heart
International Journal of Cardiology
British Journal of Anaesthesia
British Journal of Hospital Medicine

Editorial Board

European Heart Journal of Acute Cardiac Care
ISRN Critical Care
Journal of Biomedical Education

Membership of Associations & Professional Bodies

Extracorporeal Life Support Organisation
British Cardiovascular Society
British Society of Echocardiography
Intensive Care Society
Royal College of Physicians
Fellow of the Royal Society of Medicine

Fellow of the Faculty of Intensive Care medicine
European Association for Cardiothoracic Surgeons
Fellow of the European Society of Cardiology
Working Group Adult Congenital Heart Disease, European Society of Cardiology
European Association Cardiovascular Imaging
General Medical Council
British Medical Association
Medical Protection Society
Resuscitation Council, UK
European Society of Intensive Care Medicine
Working Group Valvular Heart Disease, European Society of Cardiology
Heart Failure Association

Abstract Reviewer & selector

European Society of Cardiology
European Association of Cardiovascular Imaging
European Society of Cardiology Acute Cardiac Care

Lecturing (national and international)

Regular invited lecturer nationally and internationally, with >100 lectures delivered over 2014-17, in a range of areas relevant to cardiothoracic intensive care, ECMO and echocardiography, including at national/international intensive care, cardiology, echocardiography and emergency medicine meetings in Portugal, Spain, Greece, France, Italy, United States of America, Israel, Saudi Arabia, Hungary, Czech Republic, Belgium, Denmark, Australia, Norway, England, Spain, Portugal, Croatia and Russia, including:

- European Society of Cardiology
- American Heart Association
- American Thoracic Society
- British Cardiovascular Society
- ESC, Acute Cardiovascular Care
- European Society of Intensive Care Medicine
- European Association of Cardiothoracic Surgeons
- CEURF, Paris
- EuroHeart Care
- Global Association of Medical Education
- ESC Global Scientific Affairs
- SMART, Italy
- Association of Cardiothoracic Anaesthetists
- European Association of Cardiovascular Imaging
- World Congress Ultrasound in Medical Education
- Intensive Care Society, State of the Art
- International Symposium on IHD & Acute Cardiovascular Care, Israel
- British Association of Critical Care Nurses (ECMO)
- British Society of Echocardiography
- British Society of Heart Failure

- Royal College of Anaesthetists Winter Symposium

Peer reviewed publications 2010-

1. Position paper for the organization of ECMO programs for cardiac failure in adults. Abrams D, Garan AR, Abdelbary A et al., *Intensive Care Med* 2018 Feb 15. doi:10.1007. PMID: 29450594
2. Educational needs and application of guidelines in the management of patients with mitral regurgitation. A European mixed-methods study. lung B, Delgado V, Lazure P et al., *Eur Heart J* 2018 Jan2. Doi:10.1093. PMID:29300869
3. Frailty and the management of patients with acute cardiovascular disease: A position paper from the Acute Cardiovascular Care Association. Walker DM, Gale CP, Lip G et al., *Eur Heart J Acute Cardiovasc Care*. 2018 Feb 1:2048872618758931. Doi:10.1177. PMID: 29451402
4. Indications and practical approach to noninvasive ventilation in acute heart failure. Masip J, Peacock F, Price S et al., on behalf of the Acute Heart Failure Working Group of the Acute Cardiovascular Care Association and the Committee of Acute Heart Failure from *Eur Heart J*, 2017. Nov 26; [Epub ahead of print] PMID 29186485
5. Expert consensus document: Echocardiography and lung ultrasonography for the assessment and management of acute heart failure. Price S, Platz E, Cullen L et al., Acute Heart Failure Study Group of the European Society of Cardiology Acute Cardiovascular Care Association. *Nat Rev Cardiol*. 2017 Jul;14(7):427-440. doi: 10.1038/nrcardio.2017.56. Epub 2017 Apr 27. PMID:28447662
6. Heart Rate Modification of Cardiac Output Following Cardiac Surgery: The Importance of Cardiac Time Intervals. Tavazzi G, Kontogeorgis A, Guarracino F, Bergsland N, Martinez-Naharro A, Pepper J, Price S. *Crit Care Med*. 2017 Aug;45(8):e782-e788. doi: 10.1097/CCM.0000000000002410. PMID:28437372
7. Tranexamic Acid in Patients Undergoing Coronary-Artery Surgery. Dawes TJ, Price S. *N Engl J Med*. 2017 May 11;376(19):1892-3. doi: 10.1056/NEJMc1703369. PMID:28489993
8. Acute Cardiovascular Care Association Position Paper on Intensive Cardiovascular Care Units: An update on their definition, structure, organisation and function. Bonnefoy-Cudraz E, Bueno H, Casella G, De Maria E, et al., *Eur Heart J Acute Cardiovasc Care*. 2017 Aug 1:2048872617724269. doi: 10.1177/2048872617724269. PMID:28816063

9. ACCA ESCeL. Price S. *Eur Heart J*. 2017 Nov;14:38(43) 3187-3188. doi 10.1093/eurheartj/ehx609. PMID: 29145660
10. Extracorporeal Circulatory Support in Acute Coronary Syndromes: A Systematic Review and Meta-Analysis. Pavasini R, Cirillo C, Campo G, Nobre Menezes M, Biscaglia S, Tonet E, Ferrari R, Patel BV, Price S. *Crit Care Med*. 2017 Aug 24. doi: 10.1097/CCM.0000000000002692. PMID:28841633
11. An intriguing case of acute myocardial ischaemia in a patient with severe respiratory failure with veno-venous extracorporeal support. Tavazzi G, White M, Price S. *Eur Heart J Acute Cardiovasc Care*. 2017 Mar 1;2048872617700866. doi: 10.1177/2048872617700866. PMID:28357884
12. The Genesis, Maturation, and Future of Critical Care Cardiology. Katz JN, Minder M, Olenchock B, et al., . *J Am Coll Cardiol*. 2016 Jul 5;68(1):67-79. doi: 10.1016/j.jacc.2016.04.036. PMID: 27364053
13. Late stent migration in thoracic endovascular aortic repair: a potentially lethal complication. Vale NC, Price S, Nicol E. *Eur J Cardiothorac Surg*. 2017 Aug 1;52(2):395. doi: 10.1093/ejcts/ezx048. PMID:28329391
14. Visual identification of pulmonary ventilation and perfusion: a new application of lung ultrasound. Tavazzi G, Caetano FA, Shah S, Alcada J, Price S. *Thorax*. 2017 Oct;72(10):960-961. doi: 10.1136/thoraxjnl-2016-208768. Epub 2016 Dec 7. PMID: 27927841
15. Transcatheter or surgical aortic valve replacement for patients with severe, symptomatic, aortic stenosis at low to intermediate surgical risk: a clinical practice guideline. Vandvik PO, Otto CM, Siemieniuk RA, et al., *BMJ*. 2016 Sep 28;354:i5085. doi: 10.1136/bmj.i5085. PMID:27680583
16. Where do we go with PoCUS? Quinn T, Price S. *Resuscitation*. 2017 Mar;112:A1-A2. doi: 10.1016/j.resuscitation.2016.12.012. Epub 2016 Dec 19. PMID:28007505
17. Practical approach on frail older patients attended for acute heart failure. Martín-Sánchez FJ, Christ M, Miró Ò, Peacock WF, et al., *Int J Cardiol*. 2016 Jul 18;222:62-71. doi: 10.1016/j.ijcard.2016.07.151. PMID:27458825
18. From 'Wicked Problems' to Shakespeare's 'As You Like It': transforming leadership in cardiology. Price S, Bucciarelli-Ducci C, Crespa-Leiro M et al., *Eur Heart J* Volume 37, Issue 28, 21 July 2016, 2201-2216, <https://doi.org/10.1093/eurheartj/ehw273>
19. Association of haemodynamic changes measured by serial central venous saturation during ultrafiltration for acutely decompensated heart failure with diuretic resistance and change in renal function. Vazir A, Simpkin VL,

- Marino P, et al., *Int J Cardiol.* 2016 Oct 1;220:618-22. doi: 10.1016/j.ijcard.2016.06.186. Epub 2016 Jun 28. PMID: 27391002
20. Guidelines for the Appropriate Use of Bedside General and Cardiac Ultrasonography in the Evaluation of Critically Ill Patients-Part II: Cardiac Ultrasonography. Levitov A, Frankel HL, Blaivas M, et al *Crit Care Med.* 2016 Jun;44(6):1206-27. doi: 10.1097/CCM.0000000000001847. PMID:27182849
 21. Resolution of Cardiogenic Shock Using Echocardiography-Guided Pacing Optimization in Intensive Care: A Case Series. Tavazzi G, Kontogeorgis A, Bergsland NP, Price S. *Crit Care Med.* 2016 Aug;44(8):e755-61. doi: 10.1097/CCM.0000000000001655. PMID:2700767
 22. The 2011-2012 pilot European Society of Cardiology Sentinel Registry of Transcatheter Aortic Valve Implantation: 12-month clinical outcomes. Gilard M, Schlüter M, Snow TM, et al., *C.EuroIntervention.* 2016 May 17;12(1):79-87. doi: 10.4244/EIJV12I1A15. PMID:27173867
 23. Atrial septal defect infective endocarditis: a direct pathway from left atrium to the lung. Tavazzi G, Alam M, Li W, Price S. *Eur Heart J.* 2016 Jul 7;37(26):2049. doi: 10.1093/eurheartj/ehw192. Epub 2016 May 10. PMID: 27165630
 24. Ten situations where inferior vena cava ultrasound may fail to accurately predict fluid responsiveness: a physiologically based point of view. Via G, Tavazzi G, Price S. *Intensive Care Med.* 2016 Jul;42(7):1164-7. doi: 10.1007/s00134-016-4357-9. Epub 2016 Apr 23. PMID: 27107754
 25. An 82-Year-Old Woman With Ongoing Dyspnea. Tavazzi G, Via G, Braschi A, Price S. *Chest.* 2016 Jul;150(1):e9-e11. doi: 10.1016/j.chest.2016.02.687. PMID:27396799
 26. An unexpected finding in an asymptomatic patient with atrial fibrillation: cardiac angiosarcoma. Campanile A, Tavazzi G, Alam MH, Paul R, Price S. *Lancet.* 2016 Jun 11;387(10036):e29. doi: 10.1016/S0140-6736(16)00086-6. Epub 2016 Apr 7. PMID:27063640
 27. European Society of Cardiology - Acute Cardiovascular Care Association position paper on safe discharge of acute heart failure patients from the emergency department. Miró Ò, Peacock FW, McMurray JJ, et al., Acute Heart Failure Study Group of the ESC Acute Cardiovascular Care Association. *Eur Heart J Acute Cardiovasc Care.* 2016 Feb 21. pii: 2048872616633853. PMID: 26900163
 28. 2015 ESC Guidelines for the management of infective endocarditis. Habib G, Lancellotti P, Antunes MJ et al. *Eur Heart J.* 2015 Nov 21;36(44):3075-128. doi: 10.1093/eurheartj/ehv319. Epub 2015 Aug 29.

29. Catheter-based intervention for symptomatic patient with severe mitral regurgitation and very poor left ventricular systolic function - Safe but no room for complacency. Loh PH, Bourantas CV, Chan PH, et al. *World J Cardiol.* 2015 Nov 26;7(11):817-21. doi: 10.4330/wjc.v7.i11.817. PMID:26635930
30. Guidelines for the Appropriate Use of Bedside General and Cardiac Ultrasonography in the Evaluation of Critically Ill Patients-Part I: General Ultrasonography. Frankel HL, Kirkpatrick AW, Elbarbary M, et al., *Crit Care Med.* 2015 Nov;43(11):2479-502. doi: 10.1097/CCM.0000000000001216 PMID:26468699
31. 2015 ESC Guidelines for the management of infective endocarditis: The Task Force for the Management of Infective Endocarditis of the European Society of Cardiology (ESC) Endorsed by: European Association for Cardio-Thoracic Surgery (EACTS), the European Association of Nuclear Medicine (EANM). Authors/Task Force Members, Habib G, Lancellotti P, Antunes MJ, et al., *Eur Heart J.* 2015 Nov 21;36(44):3075-128. doi: 10.1093/eurheartj/ehv319. Epub 2015 Aug 29. PMID:26320109
32. 2015 ESC Guidelines for the diagnosis and management of pericardial diseases: The Task Force for the Diagnosis and Management of Pericardial Diseases of the European Society of Cardiology (ESC) Endorsed by: The European Association for Cardio-Thoracic Surgery (EACTS). Authors/Task Force Members, Adler Y, Charron P, Imazio M, et al., *Eur Heart J.* 2015 Nov 7;36(42):2921-64. doi: 10.1093/eurheartj/ehv318. Epub 2015 Aug PMID:26320112
33. Effect of advanced chronic kidney disease in clinical and echocardiographic outcomes of patients treated with MitraClip system. Estévez-Loureiro R, Settergren M, Pighi M, et al., *Int J Cardiol.* 2015 Nov 1;198:75-80. doi: 10.1016/j.ijcard.2015.06.137. Epub 2015 Jul 2. PMID:2615631
34. Bedside Ultrasonographic Measurement of the Inferior Vena Cava. Tavazzi G, Price S, Fletcher N. *J Cardiothorac Vasc Anesth.* 2015 Oct;29(5):e54-5. doi: 10.1053/j.jvca.2015.03.017. Epub 2015 Mar 27. PMID:26142369
35. European Society of Cardiology-Acute Cardiovascular Care Association Position paper on acute heart failure: A call for interdisciplinary care. Mueller C, Christ M, Cowie M, et al., Acute Heart Failure Study Group of the ESC Acute Cardiovascular Care Association. *Eur Heart J Acute Cardiovasc Care.* 2015 Jun 29. pii: 2048872615593279. [Epub ahead of print] PMID:26124458
36. Effect of gender on results of percutaneous edge-to-edge mitral valve repair with MitraClip system. Estévez-Loureiro R, Settergren M, Winter R,

et al., *Am J Cardiol.* 2015 Jul 15;116(2):275-9. doi:
10.1016/j.amjcard.2015.04.019. Epub 2015 Apr 18. PMID:2596037

37. The use of echocardiography in acute cardiovascular care: recommendations of the European Association of Cardiovascular Imaging and the Acute Cardiovascular Care Association. Lancellotti P, Price S, Edvardsen T, et al., *Eur Heart J Cardiovasc Imaging.* 2015 Feb;16(2):119-46. doi: 10.1093/ehjci/jeu210. Epub 2014 Nov 6. PMID:25378470
38. Local and general anaesthesia do not influence outcome of transfemoral aortic valve implantation. Dall'Ara G, Eltchaninoff H, Moat N, et al., ; Transcatheter Valve Treatment Sentinel Registry (TCVT) Investigators of the EurObservational Research Programme (EORP) of the European Society of Cardiology. *Int J Cardiol.* 2014 Dec 15;177(2):448-54. doi: 10.1016/j.ijcard.2014.09.025. Epub 2014 Sep 28. PMID:25443245
39. 2014 ESC/ESA Guidelines on non-cardiac surgery: cardiovascular assessment and management: The Joint Task Force on non-cardiac surgery: cardiovascular assessment and management of the European Society of Cardiology (ESC) and the European Society of Anaesthesiology (ESA). Kristensen SD, Knuuti J, Saraste A, et al., *Eur Heart J.* 2014 Sep 14;35(35):2383-431. doi: 10.1093/eurheartj/ehu282. Epub 2014 Aug 1. PMID:25086026
40. Percutaneous mitral valve edge-to-edge repair: in-hospital results and 1-year follow-up of 628 patients of the 2011-2012 Pilot European Sentinel Registry. Nickenig G, Estevez-Loureiro R, Franzen O, et al., Transcatheter Valve Treatment Sentinel Registry Investigators of the EURObservational Research Programme of the European Society of Cardiology. *J Am Coll Cardiol.* 2014 Sep 2;64(9):875-84. doi: 10.1016/j.jacc.2014.06.1166. PMID:25169171
41. International evidence-based recommendations for focused cardiac ultrasound. Via G, Hussain A, Wells M, et al; International Liaison Committee on Focused Cardiac UltraSound (ILC-FoCUS); International Conference on Focused Cardiac UltraSound (IC-FoCUS). *J Am Soc Echocardiogr.* 2014 Jul;27(7):683.e1-683.e33. doi: 10.1016/j.echo. PMID:24951446
42. How should I treat a cardiac arrest during transcatheter aortic valve implantation? Leroux L, Seguy B, Labrousse L et al., *EuroIntervention.* 2014 Sep;10(5):648-50. doi: 10.4244/EIJV10I5A112. PMID:24642525
43. Minimizing risk in the cardiac catheterization laboratory. Regueiro A, Price S, Haxby EJ. *Rev Esp Cardiol (Engl Ed).* 2013 May;66(5):342-5. doi: 10.1016/j.rec.2012.09.018. Epub 2013 Feb 12. available. PMID:24775814

44. Euro Heart Survey 2009 Snapshot: regional variations in presentation and management of patients with AMI in 47 countries. Puymirat E, Battler A, Birkhead J et al., EHS 2009 snapshot participants. *Eur Heart J Acute Cardiovasc Care*. 2013 Dec;2(4):359-70. doi: 10.1177/2048872613497341. Epub 2013 Aug 20. PMID:24338295
45. Managing fertility in critically ill patients with cardiac disease. Price S, Haxby E. *Nat Rev Cardiol*. 2013 Dec;10(12):723-31. doi: 10.1038/nrcardio.2013.161. Epub 2013 Nov 5. PMID:24189404
46. Massive pulmonary embolism. Moorjani N, Price S. *Cardiol Clin*. 2013 Nov;31(4):503-18, vii. doi: 10.1016/j.ccl.2013.07.005. Epub 2013 Aug 27. Review. PMID:24188217
47. Echocardiographic and clinical outcomes of central versus noncentral percutaneous edge-to-edge repair of degenerative mitral regurgitation. Estévez-Loureiro R, Franzen O, Winter R, et al., *J Am Coll Cardiol*. 2013 Dec 24;62(25):2370-7. doi: 10.1016/j.jacc.2013.05.093. Epub 2013 Sep 4. PMID:2401305
48. Concept of the central clip: when to use one or two MitraClips®. Alegria-Barrero E, Chan PH, Foin N, et al., *EuroIntervention*. 2014 Feb;9(10):1217-24. doi: 10.4244/EIJV9I10A204. PMID:23764890
49. Mobile thrombus in the ascending aorta following cisplatin-based chemotherapy. Moorjani N, Rubens M, Price S, et al., *J Card Surg*. 2013 Jan;28(1):48-9. doi: 10.1111/jocs.12034. Epub 2012 Dec 2. No abstract available. PMID:23199294
50. Guidelines on the management of valvular heart disease (version 2012). Joint Task Force on the Management of Valvular Heart Disease of the European Society of Cardiology (ESC); European Association for Cardio-Thoracic Surgery (EACTS), Vahanian A, Alfieri O, Andreotti F, et al., *Eur Heart J*. 2012 Oct;33(19):2451-96. doi: 10.1093/eurheartj/ehs109. Epub 2012 Aug 24. PMID:22922415
51. The use of echocardiography in the critically ill; the role of FADE (Fast Assessment Diagnostic Echocardiography) training. Marum S, Price S. *Curr Cardiol Rev*. 2011 Aug;7(3):197-200. Review. PMID:22758617
52. Edge-to-edge percutaneous repair of severe mitral regurgitation--state-of-the-art for Mitraclip® implantation. Alegria-Barrero E, Chan PH, Paulo M, et al., *Circ J*. 2012;76(4):801-8. Epub 2012 Feb 29. Review. PMID:2237414
53. Referral to an extracorporeal membrane oxygenation center and mortality among patients with severe 2009 influenza A(H1N1). Noah MA, Peek GJ, Finney SJ, et al., *JAMA*. 2011 Oct 19;306(15):1659-68. doi: 10.1001/jama.2011.1471. Epub 2011 Oct 5. PMID:21976615

54. International expert statement on training standards for critical care ultrasonography. Expert Round Table on Ultrasound in ICU. *Intensive Care Med.* 2011 Jul;37(7):1077-83. doi: 10.1007/s00134-011-2246-9. Epub 2011 May 26. PMID:21614639
55. Echocardiography in Sepsis Syndromes. Via, G., Price, S. & Storti, E. *Crit Ultrasound J* (2011) 3: 71. <https://doi.org/10.1007/s13089-011-0069-0>
56. The changing role of the coronary care unit cardiologist. Price S. *Rev Esp Cardiol.* 2011 Jun;64(6):453-5. doi: 10.1016/j.recesp.2011.03.004. Epub 2011 May 17. PMID:21592639
57. A modified technique for insertion of dual lumen bicaval cannulae for venovenous extracorporeal membrane oxygenation. Trimlett RH, Cordingley JJ, Griffiths MJ, et al., *Intensive Care Med.* 2011 Jun;37(6):1036-7. doi: 10.1007/s00134-011-2213-5. Epub 2011 Mar 24. PMID:21431991
58. Aortic papillary fibroelastoma as an unusual cause of angina: insights from multimodality imaging. Carpenter JP, Price S, Rubens MB, et al., *Circ Cardiovasc Imaging.* 2011 Mar;4(2):191-3. doi: 10.1161/CIRCIMAGING.110.962332. PMID:21406665
59. Correlating multimodality imaging and pathological validation in heart failure. O'Hanlon R, Heatlie G, Choudhury FJ, et al., *JACC Cardiovasc Imaging.* 2010 Oct;3(10):1082-3. doi: 10.1016/j.jcmg.2009.09.031. PMID:20947055
60. ESC Guidelines for the management of grown-up congenital heart disease (new version 2010). Baumgartner H, Bonhoeffer P, De Groot NM, et al., Task Force on the Management of Grown-up Congenital Heart Disease of the European Society of Cardiology (ESC); Association for European Paediatric Cardiology (AEPC); ESC Committee for Practice Guidelines (CPG). *Eur Heart J.* 2010 Dec;31(23):2915-57. doi: 10.1093/eurheartj/ehq249. Epub 2010 Aug 27. PMID:20801927
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Recent Selected Book Chapters

Author of >22 book chapters over previous two years. Co-editor of second edition of the “ESC Textbook of Intensive and Acute Cardiovascular Care”. Co-editor of “Cardiovascular Critical Care”. Invited co-editor on handbook in Acute Cardiac Care, Extracorporeal Support (2017) & editor of RCUK focused cardiac and lung US manual (2017). Project lead, senior author and editor for the ESC education online (ESCeL) programme for Acute Cardiovascular Care (>300 courses, >150 authors: cardiologists, intensivists and anaesthetists across Europe). Recent book chapters include:

Surgical management of Aortic Pathology: ICU management (in press)	2017
Cardiac intensive care: Acute Massive Pulmonary embolism (in press)	2017
Oxford textbook for advanced echo in intensive care: postop echo	2017
ESC IACC textbook: percutaneous mechanical circulatory support	2017
ESC textbook cardiology: pulmonary artery catheterisation (in press)	2017
ESC textbook cardiology: renal failure (in press)	2017
ESC IACC textbook: training and certification in cardiac intensive care	2017
ESC textbook cardiology: glucose control (in press)	2017
ESC textbook cardiology: pulmonary disease (in press)	2017
Practical Perioperative echo: tricuspid and pulmonary valves (in press)	2017
ESC Cardiac imaging atlas: cardiogenic shock	2017
ESC Cardiac imaging atlas: acute ischaemic heart disease	2017
ESC Cardiac imaging atlas: free wall rupture	2017
Core topics in CT critical care, 2 nd edition: congenital heart disease	2017
Gynaecardiology: critical care of the female patient	2017
Echo in sepsis	2016
Echo in cardiac arrest	2016
ESC IACC textbook: Acute GUCH	2016
Oxford Textbook of Critical Care: imaging of the cardiovascular system	2016
ESC EAE textbook: echo for mechanical circulatory support	2016
ESC EACVI textbook: echo in acute cardiovascular care	2016
Oxford textbook heart failure: inotropes, pressors & vasodilators	2016
Aortic disease – physiology of postoperative management	2016
Oh’s intensive care: echocardiography	2016
Oh’s intensive care: valvular heart disease and GUCH	2016
Oxford Desktop Reference Intensive Care: tachy- and bradycardias	2016
Comprehensive Critical Care: advanced echocardiography	2015
Oxford Desktop Reference Intensive Care: inotropes	2015
Oxford Desktop Reference Intensive Care: chronotropes	2015
Oxford textbook advanced echocardiography: valve stenosis	2015
Ultrasound in the critically ill: a practical guide: echo in cardiac arrest	2015

Research collaborations

Echo for transcatheter interventions

Severe Acute Respiratory Failure
Right heart function in ARDS
Right heart function in the perioperative period
Echocardiography in cardiogenic shock
Pacing optimisation in cardiogenic shock/AHF
Echocardiography for mechanical circulatory support
Developing cardiogenic shock pathways (J. Pepper)
GUCH and critical care (Michael Gatzoulis)

Imperial

Takata M & Patel BV, APMIC, Surgery and Cancer.

Quinlan G, NHLI (new networks) – critical care and vascular biology working group (Haskard)

External collaboration

Ferrari R, Campo G. Cardiovascular Section, Section, Medical Sciences Department, Azienda Ospedaliera Universitaria S.Anna, Ferrara, Italy.

Antonio Brasci, Pavia, Italy: Echocardiography in intensive care

Tom Quinnm St George's Hospital: Educational research into teaching FoCUS

ESC, EORP transcatheter valve interventions

ESC, EORP valvular heart disease

Examining

PhD Theses: Denmark, Belgium, London

PhD co-supervision: Italy, Portugal

Masterclasses, Masters programmes and National/International Courses

Spanish Masters in Acute Cardiovascular Care, Spanish Society of Cardiology

Portuguese Masterclass in AHF, Portuguese Society of Cardiology

ESC ACCA Masterclass in Acute Cardiovascular Care

ESC Summer School in Acute Cardiovascular Care: ECMO (lead)

EACTS Academy

Foundations of Echocardiography (co-founder)

Focused Echo in Emergency Life Support, RCUK (co-founder)