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Current Post: Consultant Cardiologist & Intensivist, Royal Brompton Hospital
 Professor of Practice (Cardiology and Intensive Care) , NHLI, Imperial College, London
 Chair, Pan-London Cardiogenic Shock Board, NHS London

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Qualifications, honours & awards

Honorary Member European Society of Intensive Care Medicine	2021
Medical Examiner, Royal College of Pathologists	2020
Finalist, Medical Women’s Foundation Centenary Awards	2017
ESC grant, Said Business School, Women Transforming Leadership	2015
FRCP, London UK	2015
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

Recent & current National/International Positions of Responsibility

Chair, Pan-London Cardiogenic Shock Board	2023-
WHO/WHF/WSO Steering Committee, ACS global strategic framework	2022-
ESICM RESILIENT project Executive Committee	2022-
ESC ACVC Critical Care TaskForce co-chair	2022-
ESICM EDEC examiner	2022-
ESC Declaration of Interest Committee member	2022-
ESC Communication Committee member	2022-
Lead Medical Examiner, RB&H	2022
Cardiogenic Shock Lead, North London Cardiology ODN	2021-
ESC Digital Committee member	2020-
UEMS cardiology committee member	2021-
Steering Committee, ELSO cannulation research project	2021-
ESICM EDEC Committee member	2021-
Steering Committee STEER-AF, ESC	2021-
SCCM Guidelines Task Force member: use of ultrasound in ICM	2021-
Chair, ESC Education Committee	2020-
ESC Scientific Affairs Committee	2020-
Board member, European Society of Cardiology, ESC	2018-
Councillor, European Society of Cardiology	2020-
Deputy Editor, European Heart Journal	2020-
Congress Programme Committee, ESC	2020-
President, ESC Acute Cardiovascular Care Association	2018-20
Partnership Policy Committee, ESC	2018-20

Regulatory Affairs Committee, ESC	2018-20
Co-lead, UK Working Group on Cardiogenic Shock	2020-22
Deputy Regional Adviser, FICM (NW Thames)	2018-20
ESC Social Media Advisory Committee	2017-20
Reviewer NCEPOD Acute Heart Failure Cases	2017-18
Regional lead FICM FICE NW Thames	2017-2022
Global Affairs Committee, ESC (South Pacific, NZ, Australia)	2017-2022
Executive Board, ESC ACVC	2017-2022
Executive Committee EORP Valvular Disease, ESC (VHD II)	2016-
Oversight committee: Behavioural Needs Assessment MV, ESC	2016-18
Task Force Live Events, ESC	2016-21
ESC Education Committee: lead for Standards & Governance	2016-18
ESICM & ESC VA ECMO Taskforce (ESC ACVC lead)	2016-2020
Congress Co-chair, David Bennet Intensive Care Summer School	2016-
Press Liaison Officer, ESC Congress, London	2015
Medical Advisor, NHS Professionals	2015-
Acute Heart Failure Task Force, Acute Cardiac Care, ESC	2014-
Press Committee, ESC	2014-18
Regional Adviser, FICM (NW Thames)	2013-18
Lead ESC ACVC programme for education online (ESCeL)	2013-16
Chair, Focused Echo Evaluation in Life Support committee, RCUK	2013-2020
Examiner, Faculty of Intensive Care Medicine, UK	2013-2022
ALS Subcommittee, Resuscitation Council, UK	2013-
Guidelines Committee, US training (echo) SCCM, USA	2012-18

Recent National/International guidelines, position statements and curricula

ESC guidelines acute & chronic heart failure: update	2023
From Shock to Survival, a national service framework, UK	2022
ESC guidelines infective endocarditis	2022
RCUK ALS guidelines	2021
ESC guidelines Acute & Chronic Heart Failure	2021
ESC core curriculum	2020
ESC guidelines pulmonary embolism	2019
ESC guidelines cardiovascular disease in pregnancy	2018

Editorial Board

Deputy Editor, European Heart Journal
 Senior Advisory Editor, European Heart Journal of Acute Cardiac Care
 Associate Editor of the International Journal of Cardiology Congenital Heart Disease.

Invited Reviewer (selected)

European Heart Journal
 European Heart Journal, Acute Cardiovascular Care
 Journal of the American College of Cardiology
 American Journal of Respiratory and Critical Care Medicine
 European Heart Journal Cardiovascular Imaging

Resuscitation
American Journal of Cardiology
Critical Care
Intensive Care Medicine
Heart

Publications and lecturing

Regularly invited lecturer nationally and internationally with >200 lectures delivered over 2018-23, in a range of areas relevant to specialist cardiothoracic intensive care, ECMO/MCS and echocardiography, including at national/international intensive care, cardiology, echocardiography and/or emergency medicine congresses. Since 2018, published 111 papers in peer-reviewed journals (current H index 63, Google Scholar).

Peer reviewed publications 2018-

- Prognostic factors associated with favourable functional outcome among adult patients requiring extracorporeal cardiopulmonary resuscitation for out-of-hospital cardiac arrest: A systematic review and meta-analysis. Tran A, Rochweg B, Fan E et al., Resuscitation 2023 Oct 18;193:110004. PMID: 37863420
- Cardiogenic shock in pregnancy. Greer O, Anandanadesan R, Shah NM et al., BJOG. 2023 Oct 4. PMID: 33794623
- Long-term Outcomes of Cardiogenic Shock Complicating Myocardial Infarction. Sterling LH, Fernando SM, Talarico R et al., J Am Coll Cardiol. 2023 Sep 5;82(10):985-995
- 2023 Focused Update of the 2021 ESC Guidelines for the diagnosis and treatment of acute and chronic heart failure. McDonagh TA, Metra M, Adamo M et al., Eur Heart J. 2023 Oct 1;44(37):3627-3639
- Competency-based cardiac imaging for patient-centred care. A statement of the ESC. Westwood M, Almeida AG, Barbato E et al., Eur Heart J 2023 Aug 25. PMID: 37622660
- 2023 ESC Guidelines for the management of endocarditis. Delgado V, Ajmone Marsan N, de Waha S et al., Eur Heart J. 2023 Oct 14;44(39):3948-4042
- Management of bleeding and hemolysis during percutaneous microaxial flow pump support: a practical approach. Van Edom CJ, Gramengna M, Baldetti L et al., JACC Cardiovasc Interv 2023. Jul 24;16(14):1707-1720 PMID: 37495347
- Lung ultrasound in acute and chronic heart failure. A clinical consensus statement of the European Association of Cardiovascular Imaging (EACVI). Gargani L, Girerd N, Platz E et al., Eur Heart J Cardiovasc Imaging. 2023 Jul 14. PMID 3745060
- Step-by-step daily management of short-term MCS for cardiogenic shock in adults in the ICU. A clinical consensus statement of ACVC, ESICM, EuroELSO and EACTS. Moller JE, Sionis A, Aissoui N et al., Eur Heart J Acute Cardiovasc Care 2023 Jun14: zuad064. Doi: 10.1093/ehjacc/zuad064. PMID: 37315190
- Medical emergencies on board commercial passenger flights: what you need to know. Achenbach S, Price S, Schmitt T. Eur Heart J. 2023 Jun 26:ehad066. Doi: 10.1093/Eurheartj/ehad066. PMID: 3364038
- Acute heart failure and valvular heart disease: a scientific statement of the EAPCI and ACVC of the ESC. Chioncel O, Adamo M, Nikolaou M et al., Eur J Heart Fail. 2023 May23. Doi: 10.1002/ejhd.19'8. PMID: 37312239
- Impact of Drainage Cannula Size and Blood Flow Rate on the Outcome of Patients Receiving Venovenous ECMO for ARDS: An ELSO Registry Analysis. Mauri T, Spinellie E, Ibrahim Q et al., Am J Resp Crit Care Med 2023 May 4. Doi:10.1164/rccm.202303-0369LE Online ahead of print. PMID: 371415
- Antithrombotic treatment strategies in patients with established coronary atherosclerotic disease:2022 joint clinical consensus statement of the European Association of Percutaneous Cardiovascular Interventions (EAPCI), Association for Acute Cardiovascular Care (ACVC) and European Association of Preventive Cardiology (EAPC). Valgimigli M, Aboyans V, Angiolillo D

- et al., *Eur Heart J Cardiovasc Pharmacother.* 2023 Apr 29;pvad032. doi: 10.1093/ehjcvp/pvad032. Online ahead of print. PMID: 37120728
- The use of Extracorporeal Membrane Oxygenation for COVID-19: Lessons learned. Parekh M, Abrams D, Agerstrand C et al., *Clin Chest Med* 2023 Jun;44(2):335-346. doi: 10.1016/j.ccm.2022.11.016. Epub 2022 Nov 29.
 - Unloading the Left Ventricle in Venoarterial ECMO: In Whom, When, and How? Ezad SM, Ryan M, Donker DW, et al., *Circulation.* 2023 Apr 18;147(16):1237-1250. doi: 10.1161/CIRCULATIONAHA.122.062371. Epub 2023 Apr 17. PMID: 37068133
 - Current and future trial design in refractory cardiogenic shock. Arrigo M, Blet A, Morley-Smith A, et al., *Eur J Heart Fail.* 2023 Mar 29. doi: 10.1002/ejhf.2838. Online ahead of print. PMID: 36987926
 - How to unload the left ventricle during veno-arterial extracorporeal membrane oxygenation. Tavazzi G, Alviar CL, Colombo CNJ, et al., *Eur Heart J Cardiovasc Imaging.* 2023 Apr 19;jead061. doi: 10.1093/ehjci/jead061. Online ahead of print. PMID: 37073094
 - Within and beyond 12-month efficacy and safety of antithrombotic strategies in patients with established coronary artery disease: two companion network meta-analyses of the 2022 joint clinical consensus statement of the European Association of Percutaneous Cardiovascular Interventions (EAPCI), European Association for Acute Cardiovascular Care (ACVC), and European Association of Preventive Cardiology (EAPC). Navarese EP, Landi A, Oliva A, et al., *Eur Heart J Cardiovasc Pharmacother.* 2023 Apr 10;9(3):271-290. doi: 10.1093/ehjcvp/pvad016. PMID: 36869784
 - Multi-organ Evaluation of Perfusion and Congestion Using Ultrasound in Patients with Shock. Tavazzi G, Spiegel R, Rola P, et al., *Eur Heart J Acute Cardiovasc Care.* 2023 Mar 16;zuad025. doi: 10.1093/ehjacc/zuad025. Online ahead of print. PMID: 36928914
 - Quality indicators for post-resuscitation care after out-of-hospital cardiac arrest: a joint statement from the Association for Acute Cardiovascular Care of the European Society of Cardiology, the European Resuscitation Council, the European Society of Intensive Care Medicine, and the European Society for Emergency Medicine. Grand J, Schiele F, Hassager C, et al., *Eur Heart J Acute Cardiovasc Care.* 2023 Apr 3;12(3):197-210. doi: 10.1093/ehjacc/zuad006. PMID: 36738295
 - The year in cardiovascular medicine 2022: the top 10 papers in acute cardiac care and ischaemic heart disease. Price S, Kaski JC, Al-Lamee R, et al., *Eur Heart J.* 2023 Feb 7;44(6):445-447. doi: 10.1093/eurheartj/ehac811. PMID: 36587938
 - Caution With Conclusions and Context of Mechanical Circulatory Devices. Vandenbrielle C, Tavazzi G, Price S. *JAMA Intern Med.* 2023 Mar 1;183(3):277. doi: 10.1001/jamainternmed.2022.6168. PMID: 36648854
 - Management of comatose survivors of out-of-hospital cardiac arrest in Europe: current treatment practice and adherence to guidelines. A survey by the ACVC of the ESC, joint with the ERC, EUSEM and ESICM. Jorge-Perez P, Nikolaou N, Donadello K et al., *Eur Heart J Acute Cardiovasc Care* 2022 Dec 2;zuac153. PMID: 36454812
 - Anticoagulation for Percutaneous Ventricular Assist Device-Supported Cardiogenic Shock: JACC Review Topic of the Week. Vandenbrielle C, Arachchilage DJ, Frederiks P, et al., *J Am Coll Cardiol.* 2022 May 17;79(19):1949-1962. doi: 10.1016/j.jacc.2022.02.052. PMID: 35550692
 - Use of sildenafil in patients with severe COVID-19 pneumonitis. McFadyen C, Garfield B, Mancio J, et al., *Br J Anaesth.* 2022 Jul;129(1):e18-e21. doi: 10.1016/j.bja.2022.04.004. Epub 2022 Apr 15. PMID: 35568507
 - Pulmonary artery acceleration time accuracy for systolic pulmonary artery pressure estimation in critically ill patients. Dammassa V, Corradi F, Colombo CNJ, et al., *Ultrasound J.* 2022 Jun 20;14(1):26. doi: 10.1186/s13089-022-00276-4. PMID: 35723841
 - Mechanical circulatory support in the treatment of cardiogenic shock. Fernando SM, Price S, Mathew R, et al., *Curr Opin Crit Care.* 2022 Aug 1;28(4):434-441. doi: 10.1097/MCC.0000000000000956. Epub 2022 Jul 5. PMID: 35793815
 - Interaction between VA-ECMO and the right ventricle. Puerto E, Tavazzi G, Gambaro A, et al., *Hellenic J Cardiol.* 2022 Jul 19;S1109-9666(22)00096-3. doi: 10.1016/j.hjc.2022.07.003. Online ahead of print. PMID: 35863728

- International consensus conference recommendations on ultrasound education for undergraduate medical students. Hoppmann RA, Mladenovic J, Melniker L, et al., *Ultrasound J*. 2022 Jul 27;14(1):31. doi: 10.1186/s13089-022-00279-1. PMID: 3589516
- Epidemiology, monitoring, and treatment strategy in cardiogenic shock. A multinational cross-sectional survey of ESC-acute cardiovascular care association research section. Tavazzi G, Rossello XZ, Grand J et al., *Eur Heart J Acute Cardiovasc Care*. 2022 Sep 29;11(9):706-711. doi: 10.1093/ehjacc/zuac087.
- Ten questions ICU specialists should address when managing cardiogenic acute pulmonary oedema. Aissaoui N, Hamzaoui O, Price S. *Intensive Care Med*. 2022 Feb 18. doi: 10.1007/s00134-022-06639-8. Online ahead of print. PMID: 35178595
- In memoriam: Dr Derek Gibson. Price S, Cosyns B. *Eur Heart J Cardiovasc Imaging*. 2022 Jan 24;jeac012. doi: 10.1093/ehjci/jeac012. Online ahead of print. PMID: 35076060
- Acute Heart Failure in the 2021 ESC Heart Failure Guidelines: a scientific statement from the Association for Acute Cardiovascular Care (ACVC) of the European Society of Cardiology. Masip J, Frank Peacock W, Arrigo Met al., Acute Heart Failure Study Group of the Association for Acute Cardiovascular Care (ACVC) of the European Society of Cardiology. *Eur Heart J Acute Cardiovasc Care*. 2022 Feb 8;11(2):173-185. doi: 10.1093/ehjacc/zuab122. PMID: 3504093
- The year in cardiovascular medicine 2021: acute cardiovascular care and ischaemic heart disease. Price S, Katz J, Kaufmann CC, Huber K. *Eur Heart J*. 2022 Feb 22;43(8):800-806. Doi: 10/1093/Eurheartj/ehab908. PMID: 34977923
- The European Society of Cardiology - A Digital Educator. Fox K, Price S, Achenbach Set al., *J Eur CME*. 2021 Dec 9;10(1):2014039. doi: 10.1080/21614083.2021.2014039. eCollection 2021. PMID: 34912587
- Contemporary Management of Cardiogenic Shock: A RAND Appropriateness Panel Approach. Proudfoot AG, Kalakoutas A, Meade S, et al., *Circ Heart Fail*. 2021 Nov 22. doi: 10.1161/CIRCHEARTFAILURE.121.008635
- European Society of Cardiology guidance for the diagnosis and management of cardiovascular disease during the COVID-19 pandemic: part 1-epidemiology, pathophysiology, and diagnosis. Task Force for the management of COVID-19 of the European Society of Cardiology. *Eur Heart J*. 2021 Nov 16;ehab696. doi: 10.1093/eurheartj/ehab696. PMID: 34791157
- ESC guidance for the diagnosis and management of cardiovascular disease during the COVID-19 pandemic: part 2-care pathways, treatment, and follow-up. Task Force for the management of COVID-19 of the European Society of Cardiology. *Eur Heart J*. 2021 Nov 16;ehab697. doi: 10.1093/eurheartj/ehab697. PMID: 34791154
- 2021 ESC Guidelines for the diagnosis and treatment of acute and chronic heart failure. McDonagh TA, Metra M, Adamo M, et al., *Eur Heart J*. 2021 Sep 21;42(36):3599-3726. doi: 10.1093/eurheartj/ehab368. PMID: 34447992
- Contemporary Management of Severe Symptomatic Aortic Stenosis. Eugène M, Duchnowski P, Prendergast B, et al., *J Am Coll Cardiol*. 2021 Nov 30;78(22):2131-2143. doi: 10.1016/j.jacc.2021.09.864. PMID: 34823655
- Optimising clinical trials in acute myocardial infarction complicated by cardiogenic shock: a statement from the 2020 Critical Care Clinical Trialists Workshop. Arrigo M, Price S, Baran DA, et al., *Lancet Respir Med*. 2021 Oct;9(10):1192-1202. doi: 10.1016/S2213-2600(21)00172-7. Epub 2021 Jul 7. PMID: 34245691
- Extracorporeal cardiopulmonary resuscitation in adults: evidence and implications. Abrams D, MacLaren G, Lorusso R, et al., *Intensive Care Med*. 2021 Sep 10:1-15. doi: 10.1007/s00134-021-06514-y. Online ahead of print. PMID: 34505911
- Right ventricular time intervals - Comparison between pulsed wave Doppler and tissue Doppler imaging. Dammassa V, Colombo CNJ, Greco A, Guida S, Boffi A, Mojoli F, Ghio S, Price S, Tavazzi G. *Echocardiography*. 2021 Sep 23. doi: 10.1111/echo.15209. Online ahead of print. PMID: 34555214
- Imagining the Future of Learning in Healthcare: The GAME 2019 #FuturistForum. Murray S, Koksma J, Haramati A, Bonnefoy E, Zary N, Bill W, Wolkenhauer O, Price S, Kummerle D. *J Eur*

- CME. 2021 Sep 29;10(1):1984076. doi: 10.1080/21614083.2021.1984076. eCollection 2021.PMID: 34621599
- Cardiothoracic intensive care in the time of COVID-19. Campbell L, Price S. *Eur Heart J Acute Cardiovasc Care*. 2021 Oct 27;10(8):960-962. doi: 10.1093/ehjacc/zuab076.PMID: 34453846
 - Utility of echocardiographic right ventricular subcostal strain in critical care. Bleakley C, de Marvao A, Morosin M et al., *Eur Heart J Cardiovasc Imaging*. 2021 Jun 23;jeab105. doi: 10.1093/ehjci/jeab105. Online ahead of print.PMID: 34160032
 - Six-month mortality in patients with COVID-19 and non-COVID-19 viral pneumonitis managed with veno-venous extracorporeal membrane oxygenation. Garfield B, Bianchi P, Arachchilage D, et al., *ASAIO J*. 2021 Jun 18. doi: 10.1097/MAT.0000000000001527. Online ahead of print.PMID: 34144551
 - Joint EAPCI/ACVC expert consensus document on percutaneous ventricular assist devices. Chieffo A, Dudek D, Hassager C et al., *EuroIntervention*. 2021 May 31:EIJY21M05_01. doi: 10.4244/EIJY21M05_01. Online ahead of print.PMID: 3405707
 - Managing Harlequin Syndrome in VA-ECMO - do not forget the right ventricle. Wilson J, Fisher R, Caetano Fet al., *Perfusion*. 2021 May 31:2676591211020895. doi: 10.1177/02676591211020895. Online ahead of print.PMID: 34053349
 - Emergency department management of patients with adult congenital heart disease: a consensus paper from the ESC Working Group on Adult Congenital Heart Disease, the European Society for Emergency Medicine (EUSEM), the European Association for Cardio-Thoracic Surgery (EACTS), and the Association for Acute Cardiovascular Care (ACVC). Chessa M, Brida M, Gatzoulis MA, Diller GP et al, *Eur Heart J*. 2021 May 21:ehab272. doi: 10.1093/eurheartj/ehab272. Online ahead of print.PMID: 34021343
 - The impact of norepinephrine on myocardial perfusion in critical illness. Bleakley C, de Marvao A, Athayde A et al., *Price S. J Am Soc Echocardiogr*. 2021 May 14:S0894-7317(21)00481-8. doi: 10.1016/j.echo.2021.05.008. Online ahead of print.PMID: 34000425
 - Optimal tests to minimise bleeding and ischaemic complications in patients on short-term mechanical circulatory support. Kanji R, Vandenbriele C, Arachchilage D et al., *Thromb Haemost*. 2021 May 13. doi: 10.1055/a-1508-8230. Online ahead of print.PMID: 33984868
 - Intensive care unit management of percutaneous mechanical circulatory supported patients: the role of imaging. Montisci A, Bertoldi LF, Price S, et al., *Eur Heart J Suppl*. 2021 Mar 27;23(Suppl A):A15-A22. doi: 10.1093/eurheartj/suab003. eCollection 2021 Mar. PMID: 33815010
 - Dual-Energy CT Pulmonary Angiography (DECTPA) Quantifies Vasculopathy in Severe COVID-19 Pneumonia. Ridge CA, Desai SR, Jeyin N, et al., *Radiol Cardiothorac Imaging*. 2020 Oct 29;2(5):e200428. doi: 10.1148/ryct.2020200428. eCollection 2020 Oct. PMID: 33778632
 - Composition, structure, and function of heart teams: a joint position paper of the ACVC, EAPCI, EACTS, and EACTA focused on the management of patients with complex coronary artery disease requiring myocardial revascularization. Leonardi S, Capodanno D, Sousa-Uva M et al., *Eur Heart J Acute Cardiovasc Care*. 2021 Mar 5;10(1):83-93. doi: 10.1093/ehjacc/zuaa013.PMID: 33721018
 - Heart disease in women: a narrative review. de Marvao A, Alexander D, Bucciarelli-Ducci C, Price S. *Anaesthesia*. 2021 Apr;76 Suppl 4:118-130. doi: 10.1111/anae.15376.PMID: 33682102
 - Managing Patients With Short-Term Mechanical Circulatory Support: JACC Review Topic of the Week. Balthazar T, Vandenbriele C, Verbrugge FH et al., *J Am Coll Cardiol*. 2021 Mar 9;77(9):1243-1256. doi: 10.1016/j.jacc.2020.12.054.PMID: 33663742
 - The cardiac arrest centre for the treatment of sudden cardiac arrest due to presumed cardiac cause: aims, function, and structure: position paper of the ACVC association of the ESC, EAPCI, EHRA, ERC, EUSEM, and ESICM. Sinning C, Ahrens I, Cariou A, et al., *Eur Heart J Acute Cardiovasc Care*. 2020 Nov 7:zuua024. doi: 10.1093/ehjacc/zuua024. Online ahead of print.PMID: 33620452
 - Left Impella®-device as bridge from cardiogenic shock with acute, severe mitral regurgitation to MitraClip®-procedure: a new option for critically ill patients. Vandenbriele C, Balthazar T, Wilson J, et al., *Eur Heart J Acute Cardiovasc Care*. 2020 Dec 2:zuua031. doi: 10.1093/ehjacc/zuua031. Online ahead of print.PMID: 33620436

- Perioperative management of patients with pulmonary hypertension undergoing non-cardiothoracic, non-obstetric surgery: a systematic review and expert consensus statement. Price LC, Martinez G, Brame A, et al., *Br J Anaesth*. 2021 Feb 18:S0007-0912(21)00014-3. doi: 10.1016/j.bja.2021.01.005. Online ahead of print. PMID: 33612249
- Risk stratification and management of women with cardiomyopathy/heart failure planning pregnancy or presenting during/after pregnancy: a position statement from the Heart Failure Association of the European Society of Cardiology Study Group on Peripartum Cardiomyopathy. Sliwa K, van der Meer P, Petrie MC, et al., *J Eur J Heart Fail*. 2021 Feb 20. doi: 10.1002/ejhf.2133. Online ahead of print. PMID: 33609068
- Thrombotic complications in 2928 patients with COVID-19 treated in intensive care: a systematic review. Jenner WJ, Kanji R, Mirsadraee S et al., *J Thromb Thrombolysis*. 2021 Feb 14:1-13. doi: 10.1007/s11239-021-02394-7. Online ahead of print. PMID: 33586113
- 2020 Update of the quality indicators for acute myocardial infarction: a position paper of the Association for Acute Cardiovascular Care: the study group for quality indicators from the ACVC and the NSTEMI-ACS guideline group. Schiele F, Aktaa S, Rossello X et al., *Eur Heart J Acute Cardiovasc Care*. 2021 Feb 7:zuua037. doi: 10.1093/ehjacc/zuua037. Online ahead of print. PMID: 33550362
- Prevalence of Thrombotic Complications in ICU-Treated Patients With Coronavirus Disease 2019 Detected With Systematic CT Scanning. Mirsadraee S, Gorog DA, Mahon CF, et al., *Crit Care Med*. 2021 Jan 6. doi: 10.1097/CCM.0000000000004890. Online ahead of print. PMID: 33470780
- Composition, structure, and function of heart teams: a joint position paper of the ACVC, EAPCI, EACTS, and EACTA focused on the management of patients with complex coronary artery disease requiring myocardial revascularization. Leonardi S, Capodanno D, Sousa-Uva M, et al., *Eur J Cardiothorac Surg*. 2021 Jan 18:ezaa402. doi: 10.1093/ejcts/ezaa402. Online ahead of print. PMID: 33459337
- Rescue therapy with thrombolysis in patients with severe COVID-19-associated acute respiratory distress syndrome. Price LC, Garfield B, Bleakley C, et al., *Pulm Circ*. 2020 Dec 15;10(4):2045894020973906. doi: 10.1177/2045894020973906. eCollection 2020 Oct-Dec. PMID: 33403100
- Venovenous extracorporeal membrane oxygenation for the acute respiratory distress syndrome: a bridge too far? Smith A, Morgan C, Ledot S, et al., *Acta Cardiol*. 2021 Jan 4:1-4. doi: 10.1080/00015385.2020.1841971. Online ahead of print. PMID: 33390090
- The year in cardiovascular medicine 2020: acute coronary syndromes and intensive cardiac care. Ibanez B, Roque D, Price S. *Eur Heart J*. 2021 Jan 3:ehaa1090. doi: 10.1093/eurheartj/ehaa1090. Online ahead of print. PMID: 33388774
- Multi-organ point-of-care ultrasound for COVID-19 (PoCUS4COVID): international expert consensus. Hussain A, Via G, Melniker L, et al., *Crit Care*. 2020 Dec 24;24(1):702. doi: 10.1186/s13054-020-03369-5. PMID: 33357240
- The cardiac arrest centre for the treatment of sudden cardiac arrest due to presumed cardiac cause - aims, function and structure: Position paper of the Association for Acute Cardiovascular Care of the European Society of Cardiology (AVCV), European Association of Percutaneous Coronary Interventions (EAPCI), European Heart Rhythm Association (EHRA), European Resuscitation Council (ERC), European Society for Emergency Medicine (EUSEM) and European Society of Intensive Care Medicine (ESICM). Sinning C, Ahrens I, Cariou A, et al., *Eur Heart J Acute Cardiovasc Care*. 2020 Nov;9(4_suppl):S193-S202. doi: 10.1177/2048872620963492. PMID: 33327761
- Potential for personalised application of inhaled nitric oxide in COVID-19 pneumonia. Garfield B, McFadyen C, Briar C, et al., *Br J Anaesth*. 2021 Feb;126(2):e72-e75. doi: 10.1016/j.bja.2020.11.006. Epub 2020 Nov 14. PMID: 33288208
- Right ventricular dysfunction in critically ill COVID-19 ARDS. Bleakley C, Singh S, Garfield B et al., *Int J Cardiol*. 2021 Mar 15;327:251-258. doi: 10.1016/j.ijcard.2020.11.043. Epub 2020 Nov 23. PMID: 33242508
- Endothelialitis plays a central role in the pathophysiology of severe COVID-19 and its cardiovascular complications. Vrints CJM, Krychtiuk KA, Van Craenenbroeck EM et al., *Acta*

Cardiol. 2020 Nov 19;1-16. doi: 10.1080/00015385.2020.1846921. Online ahead of print. PMID: 33208052

- Risk stratification scores for patients with acute heart failure in the Emergency Department: A systematic review. Miró Ò, Rossello X, Platz E et al., Study Group on Acute Heart Failure of the Acute Cardiovascular Care Association of the European Society of Cardiology. *Eur Heart J Acute Cardiovasc Care*. 2020 Aug;9(5):375-398. doi: 10.1177/2048872620930889. PMID: 33191763
- COVID-19 Pulmonary Failure and Extracorporeal Membrane Oxygenation: First Experience from Three European Extracorporeal Membrane Oxygenation Centers. Yankah CA, Trimlett R, Sandoval E et al., *Thorac Cardiovasc Surg*. 2020 Nov 13. doi: 10.1055/s-0040-1719156. Online ahead of print. PMID: 33186990
- Contrast Echocardiography in VV-ECMO-Dependent Patients with COVID-19. Bleakley C, Smith R, Garfield B et al., *J Am Soc Echocardiogr*. 2020 Nov;33(11):1419-1420. doi: 10.1016/j.echo.2020.07.012. Epub 2020 Jul 17. PMID: 32888757
- ESC Core Curriculum for the Cardiologist. Tanner FC, Brooks N, Fox KF et al., ESC Scientific Document Group. *Eur Heart J*. 2020 Oct 7;41(38):3605-3692. doi: 10.1093/eurheartj/ehaa641. PMID: 32862226
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