



Dr. Hatem Soliman Aboumarie, FEACVI, FASE, FHEA, FRCP

Consultant in Cardiothoracic Intensive Care
Royal Brompton and Harefield Hospitals, London, UK.
Honorary Senior Lecturer, King's College London
Honorary Visiting Professor, Mayo Clinic Florida, USA

Profile

Consultant in Cardiothoracic Intensive Care, ECMO and Mechanical Circulatory Support. Educator and Senior Lecturer in Cardiothoracic Intensive Care, Cardiology and Echocardiography. Advanced specialist training in Cardiothoracic Intensive Care, Mechanical Circulatory Support, Echocardiography, Lung Ultrasound, Heart and Lung Transplantation. Elected Member of the Board and Councillor for Echocardiography, European Association of Cardiovascular Imaging, 2022-2024. Past Associate Editor of the European Heart Journal - Case Reports. Editorial Board member of The Ultrasound Journal, JACC-Cardiovascular Imaging and Frontiers Cardiovascular Imaging. Clinical and research interests are Critical Care Echocardiography, Lung Ultrasound, Mechanical Circulatory Support and Heart and Lung Transplantation.

Employment History

Honorary Senior Lecturer at School of Cardiovascular Sciences and Medicine. King's College London, London

June 2021 — Present

Substantive Consultant in Cardiothoracic Intensive Care at Royal Brompton and Harefield Hospitals. Guy's and St Thomas NHS Foundation Trust, London

December 2020 — Present

Locum Consultant in Cardiothoracic Intensive Care at Royal Brompton and Harefield Hospitals, London

September 2019 — December 2020

Senior Clinical Fellow, Adult Intensive Care at Royal Brompton and Harefield Hospitals, London

June 2017 — August 2019

Honorary Clinical Fellow, Anaesthetics and Pain Medicine at Magill Department of Anaesthetics and Pain Medicine. Chelsea and Westminster Hospital NHS Foundation Trust. Imperial School of Anaesthesia, London

April 2018 — April 2019



Clinical and Research Interests

- Medical Education
- Echocardiography
- ECMO and Mechanical Circulatory Support

Specialist in Critical Care Medicine at Al Mafraq Hospital, Abu Dhabi

June 2014 — May 2017

Senior Specialist in Cardiac Critical Care at Al Zahra Hospital, Sharjah

July 2009 — May 2014

Specialist Registrar in Critical Care Medicine at Andalusia Al Salama Hospital, Alexandria

October 2006 — July 2009

Resident Trainee in Intensive Care Medicine at Alexandria Main University Hospital (AMUH), Alexandria, Egypt, Alexandria

July 2005 — April 2008

Senior House officer (SHO) at Alexandria Main University Hospital (AMUH), Alexandria, Egypt, Alexandria

March 2004 — February 2005

 **Education**

Certificate of Equivalence of Specialist Training in Intensive Care Medicine, General Medical Council, UK

November 2020

Post-graduate Diploma in Clinical Education, University of Edinburgh, Edinburgh, UK

November 2018 — May 2020 (Merit)

European Diploma of Intensive Care Medicine (EDICM), European Society of Intensive Care Medicine, Brussels, Belgium

November 2015 — November 2017

Post-graduate Diploma in Cardiology, Middlesex University, London, UK

November 2014 — November 2016 (Distinction)

Certification of Special Competence in Adult Echocardiography (ASCeXAM), National Board of Echocardiography, Raleigh, USA

January 2015 — September 2016

Membership of the Royal Colleges of Physicians (MRCP UK), Royal College of Physicians, London, UK

January 2012 — March 2014

Master's Degree in Critical Care Echocardiography, Faculty of Medicine, Alexandria University, Egypt

October 2005 — October 2008

Medical Bachelors and Bachelors in Surgery, Faculty of Medicine, Alexandria University, Egypt

October 1998 — December 2003

Leadership Roles

Member of the Board, Echo Councilor, EACVI (2022-2024)

European Society of Cardiology

Clinical Lead, Organ Donation

Harefield Hospital, London

Educational Lead

Advanced Critical Care Practitioners. Harefield Hospital, London

Educational and Clinical Supervisor

Royal Brompton and Harefield Hospitals., London

Member, RBHT Medical Devices Safety Committee

Harefield Hospital, London. 2020

Member, Clinical Research Committee

Harefield Hospital, London, 2024

Course Director, Harefield Lung Ultrasound Masterclass

Harefield Hospital, London

Course director, EACVI Leaders of Tomorrow Programme

European Society of Cardiology

Course Director, Advanced Diploma of Critical Care Echocardiography

Faculty of Medicine, Tunis, Tunisia

Course Director, Integrating Anatomy and Physiology, the Power of Ultrasound

King's College London Undergraduate Education

Course Director Focused Echo in Emergency Life Support

Resuscitation Council. UK

Course Director Lung Ultrasound Course.

Acute Cardiovascular Care Association. ESC

Course Director Cardiopulmonary Point of Care Ultrasound Academy

University of Buenos Aires, Argentina

🏆 Mentorship Programmes:

Examiner, European Diploma of Intensive Care Medicine

European Society of Intensive Care Medicine

National Course Director, Focused Echocardiography in Emergency Life Support (FEEL) Course

Resuscitation Council. UK

Supervisor, Focused Ultrasound in Intensive Care

Intensive Care Society, UK

Supervisor, Focused Ultrasound in Intensive Care

Intensive Care Society, UK

Supervisor, European Diploma, Advanced Critical Care Echocardiography (EDEC)

European Society of Intensive Care Medicine (ESICM)

Supervisor, Adult Comprehensive Echocardiography Certification

National Board of Echocardiography (USA)

Supervisor, Critical Care Echocardiography Certification

National Board of Echocardiography (USA)

Supervisor, Trans-Thoracic Echocardiography Certification

British Society of Echocardiography

Instructor, Fundamental Critical Care Support (FCCS) Course

Society of Critical Care Medicine (SCCM), Illinois, USA

Instructor, Advanced Life Support (ALS)

Course European Resuscitation Council (ERC)

🏆 Awards:

LinkedIn Top Healthcare Management Voice 2024

LinkedIn

Shortlisted for Teacher of the Year Award 2022, 2024

Guy's and St Thomas NHS Foundation Trust

Shortlisted for Best New Education Programme 2024

Intensive Care Society of the UK

EACVI Excellence in Education Outstanding Educator Award 2021

European Society of Cardiology

Faculty Recognition Award

Mayo Clinic, Sheikh Shakhboot Medical City, Abu Dhabi, UAE, January 2022

Teaching Recognition Award

Cardiology Unit, Medical Research Institute, Alexandria University, Egypt. April 2021

Faculty Recognition Award

EACVI Best of Imaging 2020 Virtual Congress. December 2020

Faculty Recognition Award

ESC 2020 Digital Congress. European Society of Cardiology. November 2020

Faculty Recognition Award

National Heart and Lung Society of Nepal. Virtual Congress. October 2020.

Fellow, American Society of Echocardiography (FASE)

January 2020

Fellow, European Association of Cardiovascular Imaging (FEACVI)

December 2019

Fellow, Higher Education Academy of the UK (FHEA)

September 2019

Faculty Award of Appreciation

EuroEcho 2019, Vienna, Austria. December 2019

Faculty Award of Appreciation

Macedonian Society of Cardiology Congress. Ohrid, North Macedonia. September 2019

Faculty Award of Appreciation

CardioAlex 2019. Department of Cardiology, Alexandria University, Egypt. June 2019

Course Director Award of Appreciation

Emirates Critical Care Congress Echocardiography Workshop. April 2019

Course Director Certificate of Appreciation

Lung Ultrasound Course, Acute Cardiac Care Congress, Malaga, Spain. March 2019

Faculty Certificate of Appreciation

EuroEcho-Imaging Congress 2018, Milan, Italy. December 2018

Faculty Certificate of Appreciation

ICU Echo Network Workshop. Papworth Hospital, Cambridge, UK. October 2018

Faculty Certificate of Appreciation

38th Tunisian Society of Cardiology Congress, Tabarka, Tunisia. October 2018

Faculty Certificate of Appreciation

Macedonian Society of Cardiology Congress. September 2018

Honorary Graduate Award

Department of Cardiovascular Sciences, University of Siena, Italy. May 2018

Faculty Certificate of Appreciation

World Congress of Echocardiography. Varna, Bulgaria. May 2018

Faculty Certificate of Appreciation

Foundations of Echo Course. Royal Brompton Hospital, London. March 2018

Faculty Certificate of Appreciation

EuroEcho-Imaging Congress 2017, Lisbon, Portugal. December 2017

Faculty Award of Appreciation

Korean Society of Echocardiography, South Korea. November 2017

Faculty Certificate of Appreciation

Advanced Echocardiography Course, Beirut, Lebanon. October 2017

Faculty Certificate of Appreciation

FEEL Course. King's College University Hospital, London. September 2017

Faculty Certificate of Appreciation

Society of Critical Care Medicine Review Course, Abu Dhabi, UAE. September 2017

Faculty Certificate of Appreciation

Team and Resource for Airway in Critical Care. Royal Brompton Hospital. July 2017

Faculty Certificate of Appreciation

International Pre-ACC Congress on Echocardiography. Washington, DC. March 2017

Faculty Instructor Certificate of Appreciation

Advanced Critical Care Ultrasound Course. KAUH. Jeddah KSA. March 2017

Faculty Instructor Certificate of Appreciation

Mechanical Ventilation, Beyond Basic Course, Abu Dhabi, UAE. January 2017

■ Publications (selected)

Editor, Springer Manual of Cardiopulmonary Point of Care Ultrasound

Hatem Soliman-Aboumarie, Marcelo Haertel Miglioranza, Luna Gargani and Giovanni Volpicelli

Editor, Practical Applications of Echo Doppler Haemodynamics, Elsevier (in press)

Edgar Argulian, Hatem Soliman-Aboumarie

Editor, Critical Care Ultrasound for Pregnancy, Elsevier (inpress)

Multimodality imaging for the evaluation and management of patients with long-term (durable) left ventricular assist devices A Clinical Consensus Statement of the European Association of Cardiovascular Imaging (EACVI) of the ESC. Cameli M, Soliman Aboumarie H, et al. Eur Heart J Cardiovasc Imaging. 2024 Jul 5:jeae165. doi: 10.1093/ehjci/jeae165. Epub ahead of print. PMID: 38965039.

Systematic hand-held echocardiography in patients hospitalised with acute coronary syndrome. Geers J, Balfour A, Molek P, Barron P, Botezatu S, Joshi SS, White A, Buchwald M, Everett R, McCarley J, Cusack D, Japp AG, Gibson PH, Lang CCE, Stirrat C, Grubb NR, Bing R, Cruden NL, Denvir MA, Soliman Aboumarie H, Cosyns B, Newby DE, Dweck MR. Eur Heart J Cardiovasc Imaging. 2024 Jun 11:jeae149. doi: 10.1093/ehjci/jeae149. Epub ahead of print. PMID: 38860493.

Potential Role of Left Atrial Strain to Predict Atrial Fibrillation Recurrence after Catheter Ablation

Therapy: A Clinical and Systematic Review. Barilli M, Mandoli GE, Sisti N, Dokollari A, Ghionzoli N, Soliman-Aboumarie H, D'Ascenzi F, Focardi M, Cavigli L, Pastore MC, Cameli M. J Cardiovasc Dev Dis. 2024 Jun 30;11(7):203. doi: 10.3390/jcdd11070203. PMID: 39057623; PMCID: PMC11277505.

Integrated Multiorgan Ultrasound for Assessment of Congestion: A New Frontier for Heart Failure Management.

Soliman-Aboumarie H. J Am Soc Echocardiogr. 2024 Jun 29:S0894-7317(24)00323-7. doi: 10.1016/j.echo.2024.06.010. Epub ahead of print. PMID: 38950756.

Unlocking the Potential of VExUS in Assessing Venous Congestion: The Art of Doing It Right.

Koratala A, Romero-González G, Soliman-Aboumarie H, Kazory A. Cardiorenal Med. 2024;14(1):350-374. doi: 10.1159/000539469. Epub 2024 May 30. PMID: 38815571.

EACVI survey on radiation exposure in interventional echocardiography.

Galli E, Soliman-Aboumarie H, Gargani L, Szymański P, Gimelli A, Petersen SE, Sade LE, Stankovic I, Donal E, Cosyns B, Agricola E, Dweck MR, Ajmone Marsan N, Delgado V, Muraru D. Eur Heart J Cardiovasc Imaging. 2024 May 31;25(6):727-734. doi: 10.1093/ehjci/jeae086. PMID: 38635738; PMCID: PMC11139519.

EACVI survey on the evaluation of mitral regurgitation.

Holte E, Podlesnikar T, Carvalho F, Demirkiran A, Manka R, Martínez GG, Michalski B, Pasquet Separovic A, Soliman-Aboumarie H, Shruti JS, Haugaa KH, Dweck MR. Eur Heart J Cardiovasc Imaging. 2024 Apr 30;25(5):573-578. doi: 10.1093/ehjci/jeae053. Erratum in: Eur Heart J Cardiovasc Imaging. 2024 Jul 31;25(8):e202. doi: 10.1093/ehjci/jeae151. PMID: 38387435; PMCID: PMC11057920

EACVI survey on the multi-modality imaging assessment of the right heart.

Soliman-Aboumarie H, Joshi SS, Cameli M, Michalski B, Manka R, Haugaa K, Demirkiran A, Podlesnikar T, Jurcut R, Muraru D, Badano LP, Dweck MR. Eur Heart J Cardiovasc Imaging. 2022 Oct 20;23(11):1417-1422. doi: 10.1093/ehjci/jeac183. PMID: 36093580.

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, Pellicori P, Stankovic I, Palazzuoli A, Pivetta E, Miglioranza MH, Soliman-Aboumarie H, Agricola E, Volpicelli G, Price S, Donal E, Cosyns B, Neskovic AN; Eur Heart J Cardiovasc Imaging. 2023 Nov 23;24(12):1569-1582. doi: 10.1093/ehjci/jead169. PMID: 37450604; PMCID: PMC11032195.

How to assess systemic venous congestion with point of care ultrasound

Hatem Soliman Aboumarie and Andre Denault, December 2022, European Heart Journal Cardiovascular Imaging, DOI: 10.1093/ehjci/jeac239

EACVI SIMULATOR-online study: evaluation of transoesophageal echocardiography knowledge and skills of young cardiologists.

Theo Pezel, et al. September 2022. European Heart Journal Cardiovascular Imaging, DOI: 10.1093/ehjci/jeac195

Echocardiography for left ventricular assist device implantation and evaluation: an indispensable tool

Carlotta Sciacaluga, Hatem Soliman Aboumarie et al. May 2022. Heart Failure Reviews 27(3)
DOI:10.1007/s10741-021-10073-1

Clinical, echocardiographic and hemodynamic predictors of right heart failure after LVAD placement

M. Stricagnoli et al. March 2022. The International Journal of Cardiovascular Imaging 38(2):1-10
DOI: 10.1007/s10554-021-02433-7

Doppler demonstration of ventilation-perfusion mismatching due to Intrapulmonary shunting

Hatem Soliman-Aboumarie. European Heart Journal – Cardiovascular Imaging. 2021

Echocardiography in the Intensive Care Unit: an essential tool for diagnosis, monitoring and guiding clinical decision-making.

Hatem Soliman Aboumarie, Maria Concetta Pastore, Eftychia Galiatsou, Luna Gargani, Nicola Riccardo Pugliese, Giulia Elena Mandoli, Serafina Valente, Ana Hurtado-Doce, Nicholas Lees, and Matteo Cameli. IMAGING 2021. <https://doi.org/10.1556/1647.2021.00055>

How-to: Focus Cardiac Ultrasound in acute settings. Hatem Soliman-Aboumarie, Ole-A Breithardt, Luna Gargani, Paolo Trambaiolo, Aleksandar N Neskovic, European Heart Journal - Cardiovascular Imaging, 2021;, jeab149, <https://doi.org/10.1093/ehjci/jeab149>

EACVI survey on the management of patients with patent foramen ovale and cryptogenic stroke

Antonello D'Andrea, Marc R Dweck, Espen Holte, Ricardo Fontes-Carvalho, Matteo Cameli, Hatem Soliman Aboumarie, Hans Christoph Diener, Kristina H Haugaa. European Heart Journal – Cardiovascular Imaging, <https://doi.org/10.1093/ehjci/jeaa318>

Left Impella device as a bridge from cardiogenic shock with acute, severe mitral regurgitation to MitraClip procedure: a new option for critically ill patients.

Christophe Vandenbrielle, Tim Balthazar, James Wilson, Tom Adriaenssens, Simon Davies, Walter Droogne, Christophe Dubois, Ana Francisca Caetano, Kaatje Goetschalckx, Steven Jacobs, Stefan Janssens, Stephane Ledot, Bart Meyns, Hatem Soliman-Aboumarie, Peter Verbrugghe, Susanna Price. European Heart Journal. Acute Cardiovascular Care, <https://doi.org/10.1093/ehjacc/zuaa031>.

COVID-19 Front Line: Why Focused Lung and Cardiovascular Ultrasound?

Hatem Soliman-Aboumarie and Marcelo Haertel Miglioranza
JACC: Case Report, Volume 2, Issue 14, 18 November 2020, Pages 2275-2277.
<https://doi.org/10.1016/j.jaccas.2020.09.030>

The Sound of Silence: The Power of Lung Ultrasound in the Interstitial-Alveolar Syndrome.

Hatem Soliman-Aboumarie and Marcelo Haertel Miglioranza

JACC: Case Reports, Volume 2, Issue 10, August 2020, Pages 1550-1552.

<https://doi.org/10.1016/j.jaccas.2020.07.009>

Why, when, and how to use lung ultrasound during the COVID-19 pandemic: enthusiasm and caution.

Luna Gargani, Hatem Soliman-Aboumarie, Giovanni Volpicelli, Francesco Corradi, Maria Concetta Pastore, Matteo Cameli. June 2020. European Heart Journal - Cardiovascular Imaging. <https://doi.org/10.1093/ehjci/jeaa163>.

Technologies to Optimize the Care of Severe COVID-19 Patients for Health Care Providers Challenged by Limited Resources..

Rubulotta, Francesca; Soliman-Aboumarie, Hatem; Filbey, Kevin; Geldner, Goetz; Kuck, Kai; Ganau, Mario; Hemmerling, Thomas M. May 2020. Anesthesia and Analgesia. DOI:10.1213/ANE.0000000000004985

Neuromuscular blockade monitoring during the COVID-19 Pandemic. Rubulotta, Francesca; Soliman-Aboumarie, Hatem; Filbey, Kevin; Geldner, Goetz; Kuck, Kai; Ganau, Mario; Hemmerling, Thomas M. July 2020. Anesthesia & Analgesia Journal. DOI: 10.1213/ANE.0000000000005121.

Usefulness of echocardiography to detect cardiac involvement in COVID-19 patients.

Matteo Cameli, Maria Concetta Pastore, Hatem Soliman Aboumarie, Giulia Elena Mandoli, Flavio D'Ascenzi MD, Paolo Cameli, Elisa Bigio, Federico Franchi, Sergio Mondillo, Serafina Valente. Echocardiography Journal. 12 July 2020. <https://doi.org/10.1111/echo.14779>.

Safe performance of echocardiography during the COVID-19 pandemic: A practical guide.

Matteo Cameli, Maria Concetta Pastore, Michael Henein, Hatem Soliman Aboumarie, Giulia Elena Mandoli, Flavio D'Ascenzi, Paolo Cameli, Federico Franchi, Sergio Mondillo, Serafina Valente. June 2020. Reviews in Cardiovascular Medicine 21(2). DOI: [10.31083/j.rcm.2020.02.90](https://doi.org/10.31083/j.rcm.2020.02.90)

Basic and advanced echocardiography in advanced heart failure: an overview.

Maria Concetta Pastore, Giulia Elena Mandoli, Hatem Soliman Aboumarie, Ciro Santoro, Francesco Bandera, Antonello D'Andrea, Giovanni Benfari, Roberta Esposito, Vincenzo Evola, Regina Sorrentino, Paolo Cameli, Serafina Valente, Sergio Mondillo, Maurizio Galderisi & Matteo Cameli. Heart Failure Reviews (2019). <https://doi.org/10.1007/s10741-019-09865-3>

Treat the Others, Treat Yourself: Mental Health Considerations Among Clinicians.

Soliman-Aboumarie H. JACC Case Rep. 2019 Jun 19;1(1):79-80. doi: 10.1016/j.jaccas.2019.05.002. PMID: 34316752; PMCID: PMC8288682.

Decline in skeletal muscle mass during veno-venous extracorporeal membrane oxygenation. A retrospective cohort study.

S.Patel; F. Liew; H. Soliman; S. Nawab; T. Semple; J. Hine; S. Desai; B. Patel; S.Singh. Intensive Care Medicine Experimental 2019, 7 (Suppl 3):000958. <https://doi.org/10.1186/s40635-019-0265-y>.

Management of anticoagulation in VV ECMO for toxic shock syndrome complicated by intracranial hemorrhage and inferior vena cava thrombus.

Hatem Soliman-Aboumarie, Marco Morosin, Alessia Azzu, Stephane Ledot, Francesca Caetano, Shahana Uddin and Susanna Price. Perfusion Journal. Volume 34 Issue 1_suppl, April 2019 <https://doi.org/10.1177/0267659119829686>.

Echocardiography in the evaluation of sepsis-induced cardiomyopathy managed with venoarterial extracorporeal membrane oxygenation (VA-ECMO).

Hatem Soliman, Marco Morosin, Stephane Ledot, Francisca Caetano, Richard Fisher, Shahana Uddin and Susanna Price. Journal of the Intensive Care Society, 20(2_suppl), 1– 253. <https://doi.org/10.1177/1751143719835452>

Mechanical Circulatory Support remains a complex tool in the management of acute myocardial infarction with refractory cardiogenic shock. James Barnacle, Francisca Caetano, Hatem Soliman Aboumarie, Shahana Uddin and Susanna Price. Journal of the Intensive Care Society, 20(2_suppl), 1–253. <https://doi.org/10.1177/1751143719835452>

Right ventricular failure as a consequence of a concrete lung and septic shock: mechanical circulatory support. A. Gambaro, H. Soliman-Aboumarie, S. Price. European Heart Journal - Cardiovascular Imaging, Volume 20, Issue Supplement_1, January 2019, Pages i1173–i1209, <https://doi.org/10.1093/ehjci/jev275>.

The role of emergency echocardiography in diagnosing septic shock due to infective endocarditis of a bicuspid aortic valve. Hatem Soliman, Kamesh Pulya, Ayesha Al Memari. European Heart Journal - Cardiovascular Imaging, Volume 18, Issue suppl_3, 1 December 2017, Pages iii365–iii378, <https://doi.org/10.1093/ehjci/jex291>

The role of TTE in predicting the short-term outcome of mechanically ventilated COPD patients with Acute on Chronic Respiratory Failure. H. Soliman; AM Fayed; A. Alaty; AS Okasha. Critical Care Medicine: December 2008 - Volume 36 - Issue 12 - p A1- A198, <https://doi.org/10.1097/01.ccm.0000341823.62097.1d>.

■ Research Roles

Editorial Board Member

Frontiers – Heart Failure and Transplantation, November 2021

Frontiers – Cardiovascular Imaging. July 2020

Journal of the American College of Cardiology, Cardiovascular Imaging. April 2017

Past Associate Editor

European Heart Journal - Case Reports. 2019-2022

Senior Reviewer for the following journals:

Journal of the American Society of Echocardiography (JASE)

Journal of the American Society of Artificial Internal Organs (ASAIO)

Journal of Heart and Lung Transplantation

European Heart Journal – Case Reports.

European Heart Journal – Open

European Heart Journal - Acute Cardiovascular Care

Journal of the British Society of Echocardiography

Critical Ultrasound Journal

Journal of the American College of Cardiology - Case Reports

Frontiers Cardiovascular Imaging

Heart Failure Reviews

Journal of the Intensive Care Society

American Journal of Cardiology

International Journal of Cardiology

Member of the International Cases Grading Committee

Cardiovascular Research Foundation, USA

Acute Cardiovascular Care Congresses (ACVC)

European Society of Cardiology (ESC) Congresses

EACVI Congresses

▣ Selected National and International Teaching Activities

Echocardiography in ECMO and Mechanical Circulatory Support

SONECOM, Mexican National Congress of Cardiovascular Imaging, Mexico City, 2024.

Advanced Echocardiography in the Intensive Care Unit

Mayo Clinic Grand Rounds, USA, 2024

Critical Care Echocardiography Workshop

British Cardiovascular Society Congress, Manchester, 2024

Echocardiography in Mechanical Circulatory Support

Mount Sinai Hospital, New York, USA, 2024

Advanced Echocardiography in cardiogenic Shock

Massachusetts General Hospital, Critical Care Grand Rounds

Harvard Medical School, January 2023

Echocardiography in LVAD

European Association of Cardiothoracic Anaesthesia and Intensive Care, Naples, Italy, December 2022

Ultrasound assessment of congestion and perfusion

Italian National Congress of Cardiology (SIEC), Rome, December 2022

Imaging in Ventricular Assist Devices, Echo is all what you need (pro)

EACVI best of Imaging Congress, December 2022

Echo in Pericardial Effusion and Tamponade

Level 1 educational programme, European Association of Cardiovascular Imaging

POCUS Masterclass

University of Buenos Aires, Argentina, November 2022

ECMO and Ventricular Assist Devices

Oxford Regional Collaborative Winter Congress, University of Oxford, November 2022

Lung Ultrasound in Cardiac Care

North Macedonian Congress of Cardiology and Cardiovascular Imaging, November 2022

Lung Ultrasound in 2022

Cardiology Updates Congress, European Society of Cardiology, Cairo, Egypt, November 2022

Basic and advanced critical care ultrasound workshop

King Abdul-Aziz University Hospital, Jeddah, KSA, November 2022

Advanced ultrasound assessment of haemodynamics and fluid status

23rd International Congress of Egyptian Heart Failure Working Group, Aswan, October 2022

POCUS workshop for undergraduate students

iBSC programme, King's College London, October 2022

Critical Care Optimisation for organ donors

RBHH Organ Donation Conference, October 2022

Lung Ultrasound Workshop

Post-graduate course in heart failure, Zurich Heart House, October 2022

Assessment of consolidation with LUS

PiezoFest, Bart's Hospital, September 2022

EACVI Teaching Course on Focused Cardiac Ultrasound

Serbian Congress of Echocardiography, Belgrade, Serbia, September 2022

The Evolution of POCUS (Keynote Lecture)

Serbian Congress of Coronary Care Unit, Vranjska Banja, Serbia, September 2022

Latest Advances in Cardiopulmonary POCUS

POCUS World Conference, USA, September 2022

POCUS haemodynamics workshop and Echocardiography in ECMO

Criticon International Critical Care Congress, Raipur, India, August 2022

Ultrasound for Systemic Venous Congestion Masterclass

Sao Paulo, Brazil, August 2022

Focused Ultrasound in Cardiogenic Shock

Brazilian DEIC Symposium, Porto Alegre, Brazil, July 2022

Critical Care Optimisation for organ donors

Bart's Hospital, July 2022

Advanced ultrasound assessment of haemodynamics

Critical Care department, Cairo University, Egypt, July 2022

Point of Care Ultrasound in acute aortic syndrome

European Society of Cardiovascular Surgery, Liege, Belgium, June 2022

Lung Ultrasound for Cardiologists

10th Argentinian National Congress of Cardiovascular Imaging, June 2022

POCUS, where we are, and where we are going?

National Congress of Cardiovascular Imaging, Bulgaria, June 2022

POCUS for Systemic Venous Congestion assessment

POCUS Frimley, London, UK, June 2022

POCUS for Pericardial Effusion and Tamponade

POCUS Frimley, London, UK, June 2022

Advanced Echocardiography for haemodynamic assessment

CardioAlex, June 2022

Advanced POCUS for fluid assessment

100th British Cardiovascular Society Congress, Manchester, June 2022

Diabetes and the Heart

Azerbaijan Society of Cardiology International Congress, June 2022

Echocardiography in shock

Deutsches Herzzentrum Berlin, Germany, May 2022

Lung ultrasound in heart failure

Cardiology Days of Craiova, Romania, May 2022

Focused TOE Course

Royal Papworth Hospital, University of Cambridge, May 2022

1st International Advanced POCUS Haemodynamics Masterclass

London, May 2022

Keynote lecture, International Heart Failure Congress

School of Cardiology, University of Siena, Italy, May 2022

Advanced Echocardiography in the ICU

Tunisian International Heart Failure Congress, Djerba, Tunisian, May 2022

Echocardiography hemodynamics and VeXUS

Acute Critical Care Ultrasound Symposium, Manchester, April 2022

Lung ultrasound in COVID-19

Acute Critical Care Ultrasound Symposium, Manchester, April 2022

Echo Haemodynamics Masterclass

Rio De Janeiro, Brazil, April 2022

Lung Ultrasound in Acute Cardiac Care

World Congress of Echocardiography, Adelaide, Australia, March 2022

Integrated POCUS in COVID-19

Athens Medical Group Cardiovascular Imaging Congress, March 2022

POCUS Haemodynamic Masterclass

Sheikh Shakhboot Medical City / May Clinic, Abu Dhabi, February 2022

POCUS Haemodynamic Masterclass

Int'l Congress of the Egyptian Society of Cardiology (CardioEgypt 2022), February 2022

Echocardiography Haemodynamics

Echo Aswan, Magdi Yacoub Foundation, Egypt, January 2022

POCUS Haemodynamics Masterclass

Mayo Clinic, Sheikh Shakhboot Medical City, Abu Dhabi, UAE, January 2022

Advanced Echocardiography in Shock

Romanian Working Group of Cardiovascular Imaging, Imagine Heart II, October 2021

Advanced Echocardiography in the Intensive Care Unit

Bulgarian Working Group of Echocardiography Symposium, October 2021

Lung Ultrasound in COVID-19

XII Latin American Congress of Internal Medicine, Peru, October 2021

Lung Ultrasound in Cardiac Care

World Congress of Cardiology, Dubai, UAE, October 2021

Advanced Echocardiography in Shock

World Congress of Cardiology, Dubai, UAE, October 2021

Echocardiography in Mechanical Circulatory Support

World Congress of Cardiology, Dubai, UAE, October 2021

Characteristics of Compensated and Decompensated Shock

European Society of Intensive Care Medicine 2021 Congress, October 2021

Echocardiography for CABG Surgery

Greek Congress of Echocardiographic techniques, Athens, Greece, September 2021

Lung Ultrasound in COVID-19

International Young Academy of Cardiology e-Congress, September 2021

Echocardiography in Acute Cardiac Care

University of Buenos Aires, Argentina, September 2021

Nightmare in Cardiac Intensive Care

EAVA Joint e-symposium with JACC Case Reports. September 2021

Echocardiography in Mechanical Circulatory Support

5th Serbian Congress of Coronary Care Units, September 2021

Role of Echocardiography and LUS in COVID-19

38th National Congress of the Argentinian Federation of Cardiology. June 2021.

Advanced Echocardiography in cardiogenic Shock

CardioAlex 2021 Congress, Alexandria, Egypt. June 2021

My patient is critically ill: The role of Echo?

11th Croatian Biennial Echocardiography Congress. CroEcho, May 2021

Lung Ultrasound in Cardiothoracic Intensive Care

The 81st Italian Society of Cardiology National Congress. December 2020

FoCUS in Shock States

EACVI Best of Imaging, December 2020.

Assessment of Extra Vascular Lung Water by Lung Ultrasound

Critical Care Ultrasound Updates Conference. November 2020

Lung Ultrasound in Trauma

Critical Care Trauma e-Congress. November 2020

Lung Ultrasound in Cardiothoracic Intensive Care

National Society of Cardiology e-Congress of Nepal. November 2020

Lung Ultrasound in Cardiothoracic Intensive Care

Macedonian Society of Cardiology Congress on COVID-19. October 2020

Level I Focused Echocardiography Course

British Society of Echocardiography 2020 Congress. October 2020

Focused Echocardiography in shock states

EACVI Best of Imaging Congress. November 2020

Echocardiography in ECMO and Ventricular Assist Devices

European Society of Cardiology Digital Congress. November 2020

Echocardiography in Mechanical Circulatory Support

EuroEcho 2019, Vienna, Austria. December 2019

How to use Echo to guide your decisions in the ICU

EuroEcho 2019, Vienna, Austria. December 2019

Echocardiography in Sudden Cardiac Death

EuroEcho 2019, Vienna, Austria. December 2019

Echocardiography by anaesthetists?

Association of Anaesthetists. London, UK. December 2019

Advanced Echocardiography in Shock

Macedonian Society of Cardiology Congress. September 2019

Pitfalls in Mechanical Circulatory Support

Polish Society of Cardiology Congress. Katowice, Poland. September 2019

Reporter, Heart Imagers of Tomorrow (HIT) Committee

EACVI Summit. European Heart House, Sophia Antipolis, France. June 2019

Advanced Echocardiography in the Intensive Care Unit

Department of Critical Care Medicine. Nyköping, Sweden. April 2019

Coagulopathies in the Intensive Care Unit

Intensive Care Nursing Course, University of West London. December 2018

Echocardiography for Anaesthetists Workshop

Imperial College School of Anaesthesia, London. October 2018

Echocardiography in Acute Heart Failure

38th Tunisian Society of Cardiology Congress, Tabarka, Tunisia. October 2018

Lung Ultrasound in Acute Cardiac Care

Macedonian Society of Cardiology Congress. September 2018

Echocardiography in the Intensive Care Unit

Advanced Heart Failure Congress. University of Siena, Italy. May 2018

Lung Ultrasound in Acute Cardiac Care

World Congress of Echocardiography. Varna, Bulgaria. May 2018

How to assess Fluid Responsiveness by Echocardiography?

EuroEcho-Imaging Congress, Milan, Italy. December 2018

How to assess Fluid Responsiveness by Echocardiography

EuroEcho-Imaging Congress, Lisbon, Portugal. December 2017

Preload Responsiveness

EuroEcho-Imaging Congress, Lisbon, Portugal. December 2017

Advanced Evaluation of Right Ventricular Function

Korean Society of Echocardiography, Seoul, South Korea. November 2017

Cardiac Imaging in Critical Care

EuroEcho-Imaging Congress, Leipzig, Germany. December 2016

Chairperson, how to perform and interpret statistics

EuroEcho-Imaging Congress, Seville, Spain. December 2015

▣ Supervisor of National and International Grants

PhD External Reviewer

University of Verona, Italy

Supervisor and Reviewer

Royal Papworth Hospital Research Innovation Fund

Task Force Member

EACVI Training Grant

Task Force Member

EACVI Research Grant

▣ Volunteering Roles

Elected Member of the Board, Councillor for Echocardiography at EACVI (2022-2024)

Member, Education Committee at the EACVI (2018-2022)

Member, Scientific Initiatives Committee at the EACVI (2020-2024)

Member, Web and Communication Committee at the EACVI (2020-2022)

Deputy chair, Heart Imagers of Tomorrow Committee at the EACVI (2020-2022)

Member, ICU Subcommittee, European Association of Cardiothoracic Anaesthesia and Intensive Care

Member of the Expert Committee, Global Sepsis Alliance (since 2012)