

## **Guido Tavazzi, MD, PhD**

### **Education and training:**

- M.D., University of Medicine, at the University of Pavia, Italy (2002-2008)
- Echocardiography Fellowship at the Cardiology unit, Fondazione Policlinico San Matteo, IRCCS, Pavia (2008-2009)
- Anaesthesia and Intensive Care residency at Fondazione Policlinico San Matteo, IRCCS, Pavia (2009-2014)
- Clinical and research fellowship, Critical Care Ecocardiography at the Adult Intensive Care at Royal Brompton Hospital, London, UK (Sep 2011-Dec 2012; Sep 2015-March 2016)
- PhD in Experimental Medicine on Heart-Lung interaction in Extracorporeal circulation, Pavia, Italy (2014-2017)

### **Participation to Scientific boards and Steering committee:**

- Chair of Cardiogenic shock and Cardiac Arrest study group – (2023- present)
- Steering Committee European Cardiogenic Shock Registry (2023- present)
- Chair of Research Network - European Society of Cardiology Acute Cardiovascular Care (2022- present)
- Past- Chair Young community – European Society of Cardiology – Acute Cardiovascular Care (2020-2022)
- Steering Committee – European Diploma in echocardiography - European Society of Intensive Care Medicine (2020 - present)
- Board member European Society of Cardiology professional members (2018-present)
- Steering committee ALT-SHOCK program (Italian- European Cardiogenic shock registry and trial program – 2018- present)
- Co-Chair Research Section – Winfocus World (2020- 2023)

- European Society of Cardiology Transoesophageal Echocardiography Certification (2014; renewed 2021)
- Associated Editor – EHJ Acute Cardiovascular Care (2020 - present)
- Associated Editor – Critical Ultrasound Journal (2023- present)
- Guest Editor – Frontiers in Cardiovascular Medicine (2022- present)
- Expert consultant for Phillips (Europe) to devise standardised pre-sets for a new range of critical care echocardiography machines, including FEEL, FATE, Lung US, basic critical care echocardiography and advanced critical care echocardiography.

**Professional appointments:**

- Assistant Professor at University of Pavia, Intensive Care Department of Fondazione Policlinico San Matteo, IRCCS, Pavia (2020-present)
- Consultant at Intensive Care Department of Fondazione Policlinico San Matteo, IRCCS, Pavia (2016-present)

**Areas of clinical expertise:**

*Critical care setting*

- Cardiogenic shock
- Mechanical circulatory support
- Heart-lung interaction
- Expertise in diagnosis and management of critically ill patients with cardiac and respiratory failure and septic shock
- Advanced echocardiography
- Hemodynamic monitoring

*Echocardiography:*

- Expertise in of both transthoracic and trans-oesophageal echocardiography in the critical care setting, including a quaternary referral practice for complex adult cardiac surgery including:
  - Trans-thoracic echocardiography in excess of 10000 cases
  - Trans-oesophageal echocardiography in excess of 5000 cases

- Resynchronisation echocardiography in excess of 200 cases
- 3D/4D echocardiography in excess of 1000 cases
- Stress echocardiography in excess of 50 cases
- Peri-procedural context in excess of 1000 cases
- Post-processing in excess of 1000 cases

### **Leading Research Network**

- ALT-Shock program - Steering Committee of international program including clinical Registry on Cardiogenic shock, ALT-SHOCK trial and several sub studies ongoing
- International Registry on cardiogenic shock - (Italy, Spain and US) – Coordinator and PI
- Co-founder of Research Network in Acute Cardiac Care with the endorsement of the European Society of Cardiology – Acute Cardiovascular Care Associations, with the aim of building an international interdisciplinary and translational research (November 2019 - [https://www.escardio.org/Sub-specialty-communities/Association-for-Acute-CardioVascular-Care-\(ACVC\)/Research-and-Publications/acvc-research-network?utm\\_medium=Email&utm\\_source=&utm\\_campaign=ACVC+Bulletin+-+16+April](https://www.escardio.org/Sub-specialty-communities/Association-for-Acute-CardioVascular-Care-(ACVC)/Research-and-Publications/acvc-research-network?utm_medium=Email&utm_source=&utm_campaign=ACVC+Bulletin+-+16+April))
- Co-founder of Research Network in European Society of Cardiology – Professionals network (November 2020)
- Manager of the critical care clinical and echocardiography database at Intensive Care Unit in Pavia and at Royal Brompton Hospital, London UK.

### **Research activity of more relevant ongoing studies**

- Principal Investigator or co-Principal Investigator of international research projects and registries:
  - ALT-Shock trial - Early intra-aortic balloon pump in acute decompensated heart failure complicated by cardiogenic shock
  - Catecholamine in Septic shock - multicenter study – Coordinator and PI
  - Italian nationwide Cardiogenic shock and cardiac arrest registry – PI
  - Reassessment of biventricular dysfunction in patients with Septic Shock (International REVERSE study) – Coordinator and PI

- RIVITA-study: RIght VentrIcular TotAl isovolumic time – Coordinator and PI
- Helmet CPAP versus High Flow Nasal Cannula Oxygen in Acute Cardiogenic Pulmonary Edema: A Randomized Clinical Trial –co-PI
- European Survey on Diagnosis and monitoring of Cardiogenic shock in Intensive Care – Steering committee and PI
- Pathophysiological insight on sympathetic activation I patients with septic shock- Coordinator and PI
- ADHF vs AMI related Cardiogenic shock- European study – co-PI
- The effect of inotropic support on total isovolumic time in critical care - Observational study - Coordinator and PI
- Echocardiography in monitoring and weaning of VA ECMO – international observational study - Coordinator and PI

### **Teaching experience**

- Teacher in Medical school for the course in Anesthesia and Intensive care at Univeristà degli Studi di Pavia Corso in italiano Camillo Golgi since 2017
- Teacher in Medical school for the course in Anesthesia and Intensive care at Univeristà degli Studi di Pavia English Harvey School since 2017
- Teacher in Nurse school for the course in Anesthesia and Intensive care at Univeristà degli Studi di Pavia since 2018
- Teacher in Medical school for the course in Anesthesiology – Physiopathology of cardiogenic shock and extracorporeal circulation at Univeristà degli Studi di Pavia Corso Tecniche di Fisiopatologia Cardiocircolatoria e Perfusione Cardiovascolare since 2018
- Co-planner for the residency program in Anaesthesia, intensive care and Pain therapy at University of Pavia
- Instructor at FEEL course UK (2011-2017)
- Course Director of Winfocus (Italy, 2014-2016; Mexico 2014)
- Author of the modules on lung ultrasound for the Resuscitation Council training programme in Echocardiography in Resuscitation (UK)

- Teacher at European Society of Cardiology – Acute cardiovascular care school (Barcelona 2021- present )

### **Webinar and tutorials**

- **European Society of Intensive Care Medicine ESICM EDEC Webinar - How do I manage Tako Tsubo Cardiomyopathy (2019-2020) and Echocardiography in pulmonary hypertension (2020)**
- **European Society of Cardiology ACVC – Ventilation in Cardiogenic shock (2021)**
- **European Society of Cardiology ACCA Barriers to risk factor control and adherence to medical therapy after an ACS (2017)**
- **Joint tutorial European Society of Cardiology ACVC/European Association of Cardiovascular imaging - FoCUS in shock (2019)**
- **European Society of Intensive Care Medicine – Monothematic Session on Cardiogenic shock (2022)**

### **Audit, Management & Clinical Governance**

- Trained in principles of clinical governance and adherence to local, national and international regulatory compliance.
- Attendance at SBAR training
- Trained at setting up critical care echocardiography database
- Audit: pacemaker optimisation in critical care

### **Service to the profession**

- Member European Society of Cardiology- Acute Cardiovascular Care
- Advanced course in echocardiography (EDEC) committee member
- Co-author of the following modules for the e-learning platform of the European Society of Cardiology:
  - *Echocardiography and clinical management in Cardiogenic Shock*
  - *Echocardiography and clinical management in Dyspnoea*
  - *Ventilation and heart-lung interactions*
  - *Lung ultrasound in ICU*

### **Main journals reviewer and editorial board**

- American Journal of Respiratory and Critical Care Medicine
- Circulation
- Journal of American College of Cardiology
- Journal of American College of Cardiology – cardiovascular imaging
- Intensive Care Medicine
- Critical Care
- European Heart Journal- Acute cardiovascular care
- Critical Care Medicine
- International Journal of Cardiology
- European Research Council
- Czech Ministry of health – research program

### **Invited lectures at principal international meetings of Scientific Societies**

- European Society of Cardiology
- European Association of Cardiovascular imaging
- European Resuscitation council
- EUROELSO
- European Association of Heart Failure
- European Association of Acute Cardiovascular Care
- SMART Congress, Milan
- Winfocus World Meeting
- International society of East-Europe Anesthesiologist and ICU

### **Peer-reviewed articles**

*H index 27*

### **Scopus**

<https://www.scopus.com/results/authorNamesList.uri?name=name&st1=tavazzi&st2=guido&origin=searchauthorlookup>

ORCID: <https://orcid.org/0000-0002-9560-5138>

1. Differences between cardiogenic shock related to acute decompensated heart failure and acute myocardial infarction  
Bertaina, M., Morici, N., Frea, S., Garatti L, Briani M, Sorini C, Villanova L, Corrada E, Sacco A, Moltrasio M, Ravera A, Tedeschi M, Bertoldi L, Lettino M, Saia F, Corsini A, Camporotondo R, Colombo CNJ, Bertolin S, Rota M, Oliva F, Iannacone M, Valente S, Pagnesi M, Metra M, Sionis A, Marini M, De ferrari G, Kapur N, Pappalardo F, **Tavazzi, G.**  
*ESC Heart Failure*, 2023, 10(6), pp. 3472–3482
2. Research Priorities in Critical Care Cardiology: JACC Expert Panel  
Miller, P.E., Huber, K., Bohula, E.A., Krychtiuk K, Poss Janine, Roswell Robert, **Tavazzi G**, Solomon M, Kristensen, S.D., Morrow, D.A.  
*JACC* , 2023, 82(24), pp. 2329–2337
3. SCAI stage reclassification at 24 h predicts outcome of cardiogenic shock: Insights from the Altshock-2 registry  
Morici, N., Frea, S., Bertaina, M., ...**Tavazzi, G.** and Pappalardo, F.  
*Catheterization and Cardiovascular Interventions*, 2023, 101(1), pp. 22–32
4. Caution with Conclusions and Context of Mechanical Circulatory Devices  
Vandenbriele, C., **Tavazzi, G.**, Price, S.  
*JAMA Internal Medicine*, 2023, 183(3), pp. 277
5. Cardiogenic Shock Integrated PHenotyping for Event Reduction: A Pilot Metabolomics Analysis  
Morici, N., Frigerio, G., Campolo, J., Fustinoni S, Sacco A, Garatti L, Villanova L, **Tavazzi G** , Kapur, N.K., Pappalardo, F.  
*International Journal of Molecular Sciences*, 2023, 24(24), 17607

6. Multimodality imaging in cardiogenic shock: state-of-the art  
**Tavazzi, G.**, Corradi, F., Vandenbriele, C., Alviar, C.L.  
*Current Opinion in Critical Care*, 2023, 29(4), pp. 381–391
  
7. How to unload the left ventricle during veno-arterial extracorporeal membrane oxygenation  
**Tavazzi, G.**, Alviar, C.L., Colombo, C.N.J., Price, S., Vandenbriele, C.  
*European Heart Journal Cardiovascular Imaging*, 2023, 24(6), pp. 696–698
  
8. Multiorgan evaluation of perfusion and congestion using ultrasound in patients with shock  
**Tavazzi, G.**, Spiegel, R., Rola, P., Price S, Corradi, F., Hockstein, M.  
*European Heart Journal: Acute Cardiovascular Care*, 2023, 12(5), pp. [344–352](#)
  
9. Association between dose of catecholamines and markers of organ injury early after out-of-hospital cardiac arrest  
Czerwińska-Jelonkiewicz, K., Wood, A., Bohm, A., Kwwasiboroski P, Olesiak A, Ryczek R, Grand J, **Tavazzi G**, Sionis, A., Stępińska, J.  
*Cardiology Journal*, 2023, 30(6), pp. 946–956
  
10. Management of Bleeding and Hemolysis During Percutaneous Microaxial Flow Pump Support: A Practical Approach  
  
Van Edom, C.J., Gramegna, M., Baldetti, L.,Beneduce Al Castelein T, Dauwe D, Fredericks P, Giustinon G, Jacquemin M, Jannssens SP, Panoulas V, Poss J, Rosemberg, A, Schaubroeck H, Schrage B, **Tavazzi G**, Vanassche T, Vercaemst L, Vlasselaers D, Vracks P, Belohlavek J, Gorog D, Huber K, Mebazaa A, Meyns B, Pappalardo F, Scandroglio A, -stone G, Westermann, D, Chieffo A, Price S Vandenbriele C  
*JACC: Cardiovascular Interventions*, 2023, 16(14), pp. 1707–1720



11. Use of mechanical circulatory support in patients with non-ischaemic cardiogenic shock  
Schrage, B, Kellner, C., Bertoldi, Letizia Fausta; Blankenberg, Stefan Dauw, Jeroen, Dindane, Zouhir, Eckner, Dennis; Eitel, Ingo; Graf Tobias; Horn, Patrick; Jozwiak-Nozdrzykowska, Joanna; Kirchhof, Paulus, Kluge, Stefan; Linke, Axel; Landmesser, Ulf Luedike, Peter, Lüsebrink, Enzo; Majunke, Nicolas, Mangner, Norman; Maniuc, Octavian; Möbius Winkler, Sven; Nordbeck, Peter; Orban, Martin; Pappalardo, Federico; Pauschinger, Matthias; Pazdernik, Michal; Proudfoot, Alastair; Kelham, Matthew; Rassaf, Tienush; Reichenspurner, Hermann; Scherer, Clemens; Schulze, Paul Christian; Schwinger, Robert H.G.; Skurk, Carsten; Sramko, Marek; **Tavazzi, Guido**; Thiele, Holger; Villanova, Luca; Morici, Nuccia; Winzer, Ephraim B.; Westermann, Dirk; Gustafsson, Finn; Westermann D.  
*European Journal of Heart Failure*, 2023, 25(4), pp. 562–572
  
12. Haematological challenges in cardiogenic shock  
Van Edom, C.J., Tavazzi, G., Vandenbrielle, C.  
*Current Opinion in Critical Care*, 2023, 29(4), pp. 392–396
  
13. Perioperative Renal Ultrasonography of Arterio-to-Venous Coupling Predicts Postoperative Complications after Major Laparoscopic Urologic Surgery  
Brusasco, C., **Tavazzi, G.**, Cucciolini, G., Di Niccolo Pierpaolo, Wong A, Di Domenico A, Germinale F, Dotta F, Micali M, Coccolini F, Santorio G, Dazzi F Introini, C., Corradi, F.  
*Journal of Clinical Medicine*, 2023, 12(15), 5013
  
14. The Importance of Real-Time Assessment of Chest Compression Efficacy in Cardiac Arrest  
Romito, G., Colombo, C.N.J., Mazza, G.M., Mojoli, F., **Tavazzi, G.**  
*Chest*, 2023, 163(3), pp. e129–e131

15. Human inherited CCR2 deficiency underlies progressive polycystic lung disease  
Neehus, A.-L., Carey, B., Landekic, M., ... **Tavazzi G**, ...Casanova, J.-L., Bustamante, J  
*Cell*, 2024, 187(2), pp. 390–408.e23
16. Endogenous Catecholamine Release in COVID-19 Related Acute Respiratory Distress Syndrome: Link between Enhanced Sympathetic Stimulation, Cardiac Dysfunction and Outcome  
Dammassa, V., Voltini, M., Colombo, C.N.J., ... **Tavazzi, G.**  
*Journal of Clinical Medicine*, 2023, 12(4), 1557
17. Airway ultrasound to detect subglottic secretion above endotracheal tube cuff  
Adi, O., Fong, C.P., Sallehuddin, R.M., Ahmad, AH., Sum KM, Yusof ZM, Via, G., **Tavazzi, G.**  
*Ultrasound Journal*, 2023, 15(1), 23
18. EFSUMB Clinical Practice Guidelines for Point-of-Care Ultrasound: Part One (Common Heart and Pulmonary Applications)  
Jarman, R.D., Mcdermott, C., Colclough, A.,... **Tavazzi G** ...Jenssen, C., Sidhu, P.S.  
*Ultraschall in der Medizin*, 2023, 44(1), pp. E1–E24
19. Clinical presentation, shock severity and mortality in patients with de novo versus acute-on-chronic heart failure-related cardiogenic shock  
Sundermeyer, J., Kellner, C., Bertoldi, Letizia Fausta;Blankenberg, Stefan Dauw, Jeroen, Dindane, Zouhir, Eckner, Dennis;Eitel, Ingo;Graf Tobias; Horn, Patrick; Jozwiak-Nozdrzykowska, Joanna; Kirchhof, Paulus, Kluge, Stefan; Linke, Axel; Landmesser, Ulf Luedike, Peter, Lüsebrink, Enzo; Majunke, Nicolas, Mangner, Norman; Maniuc, Octavian; Möbius Winkler, Sven;Nordbeck, Peter; Orban, Martin;Pappalardo, Federico; Pauschinger, Matthias; Pazdernik, Michal; Proudfoot, Alastair; Kelham, Matthew; Rassaf, Tienush; Reichenspurner, Hermann; Scherer, Clemens; Schulze, Paul Christian;Schwinger, Robert H.G.; Skurk, Carsten; Sramko, Marek;**Tavazzi,**

**Guido;**Thiele, Holger; Villanova, Luca;Morici, Nuccia; Winzer, Ephraim B.;  
Westermann, Dirk; Gustafsson, Finn; Schrage, Benedikt  
*European Journal of Heart Failure*, 2023

20. Temporary mechanical support in acute fulminant myocarditis: We need to  
know more

Bottiroli, M., Moroni, F., **Tavazzi, G.**

*International Journal of Cardiology*, 2023, 372, pp. 80–82

21. Acute kidney injury in patients with acute decompensated heart failure-  
cardiogenic shock: Prevalence, risk factors and outcome

Bottiroli, M., Calini, A., Morici, N., **Tavazzi G.**, Galimberti L, Facciorusso C,  
Ammirati E, Russo C, Montoli, A., Mondino, M.

*International Journal of Cardiology*, 2023, 383, pp. 42–49

22. Inferior Vena Cava Ultrasonography for Volume Status Evaluation: An  
Intriguing Promise Never Fulfilled

Di Nicolò, P., **Tavazzi, G.**, Nannoni, L., Corradi, F.

*Journal of Clinical Medicine*, 2023, 12(6), 2217

23. Association between left ventricular ejection fraction, mortality and use of  
mechanical circulatory support in patients with non-ischaemic cardiogenic  
shock

Sundermeyer, J., Kellner, C., Beer, B.N., ...**Tavazzi, G.**,... Westermann,  
D., Schrage, B.

*Clinical Research in Cardiology*, 2023

24. Trans-tricuspid L and L' waves

Colombo, C.N.J., Erba, M., Patrini, L., **Tavazzi, G.**

*European Heart Journal Cardiovascular Imaging*, 2023, 24(6), pp. E106

25. Effect of a quality-improvement intervention on end-of-life care in cardiac intensive care unit  
Sacco, A., Tavecchia, G., Ditali, V., Garatti, L, Villanova L, Colombo C, Viola G, Scavelli F, Varrenti M, Milani M, Morici N, **Tavazzi G**, Saporetti, G., Oliva, F.  
*European Journal of Clinical Investigation*, 2023, 53(7), e13982
26. Data processing pipeline for cardiogenic shock prediction using machine learning  
Nikola Jajcay, Michael Spartalis , Mohammad El Tahlawi , Federico Guerra , Julian Friebel , Tharusan Thevathasan , Imrich Berta 1, Leo Pölzl 15, Felix Nägele, Edita Pogran , F Aaysha Cader , Milana Jarakovic Marta Kollarova , Katarina Petrikova , Otilia Tica , Konstantin A Krychtiuk, **Tavazzi Guido**, Carsten Skurk, Kurt Huber, Allan Böhm  
*Journal of Clinical Medicine*, 2023, 12(2), 700
27. Trends (2020-2022) toward Reduced Prevalence of Postcoronavirus Disease Syndrome and Improved Quality of Life for Hospitalized Coronavirus Disease 2019 Patients with Severe Infection and Venous Thromboembolism  
Bozzani, A; Arici, V, **Tavazzi G**, Ragni F, Cavallini E, Vugt, F, Cutti S, Figini S, Venturi A, Sterpetti A, Arbustini E  
*Seminars in Thrombosis and Hemostasis*, 2023
28. Electrocardiographic Time-Intervals Waveforms as Potential Predictors for Severe Acute Kidney Injury in Critically Ill Patients  
Corradi, F., Santori, G., Brusasco, C., ...Forfori, F., **Tavazzi, G.**  
*Journal of Clinical Medicine*, 2023, 12(2), 700
29. Outbreak of *Candida parapsilosis* fungemia in an intensive care unit during a COVID surge: an epidemic within a pandemic  
Amatu, A., Trani, R.M., Voltini, M., **Tavazzi G**, Capramarzani F, Cavanna C, Cambieri P, Corbella M, Muzzi A, Baldanti, F., Mojoli, F.  
*European Journal of Clinical Microbiology and Infectious Diseases*, 2023, 42(11), pp. 1347–1353

30. Anticoagulant management for transition from failed thrombolysis to extra-corporeal membrane oxygenation in patients with high-risk pulmonary embolism: A thoughtful approach  
Vandenbrielle, C., Van Edom, C., **Tavazzi, G.**  
*International Journal of Cardiology*, 2023, 370, pp. 378–380
  
31. Epidemiology, monitoring, and treatment strategy in cardiogenic shock. A multinational cross-sectional survey of ESC-acute cardiovascular care association research section  
**Tavazzi, G.**, Rossello, X., Grand, J., Hassager, C., Price, S.  
*European Heart Journal: Acute Cardiovascular Care*, 2022, 11(9), pp. 706–711
  
32. Ultrasound localization of central vein catheter tip by contrast-enhanced transthoracic ultrasonography: a comparison study with trans-esophageal echocardiography  
Corradi, F., Guarracino, F., Santori, G. **Tavazzi G.**, ...Tognarelli, D., Vullo, C.  
*Critical Care*, 2022, 26(1), 113
  
33. SCAI B Shock Stage: The Beginning and the End  
Morici, N., **Tavazzi, G.**, Pappalardo, F.  
*Journal of the American College of Cardiology*, 2022, 80(20), pp. e179
  
34. Mechanical circulatory support in ventricular arrhythmias  
**Tavazzi, G.**, Dammassa, V., Colombo, C.N.J., ...Balik, M., Vandenbrielle, C.  
*Frontiers in Cardiovascular Medicine*, 2022, 9, 987008
  
35. Updates on Post-Resuscitation Care. After the Return of Spontaneous Circulation beyond the 2021 Guidelines  
Fasolino, A., Compagnoni, S., Baldi, E., **Tavazzi G** ...Currao, A., Savastano, S.  
*Reviews in Cardiovascular Medicine*, 2022, 23(11), 373

36. Heart rate control and haemodynamic improvement with ivabradine in cardiogenic shock patient on mechanical circulatory support  
Colombo, C.N.J., Dammassa, V., Klersy, C., ...Mojoli, F., Tavazzi, G.  
*European Heart Journal: Acute Cardiovascular Care*, 2022, 11(12), pp. 916–921
  
37. Chronic cardiac disease should be considered when using left ventricular dimensions to assess volume status and fluid responsiveness  
Rajendram, R., Via, G., **Tavazzi, G.**, Melniker, L., Hussain, A.  
*Intensive Care Medicine*, 2022, 48(12), pp. 1822–1824
  
38. Enrolling patients in cardiogenic shock trials: are we missing someone? Insights from the Italian AltShock-2 registry  
Pappalardo, F., **Tavazzi, G.**, Savonitto, S., Morici, N.  
*European Journal of Heart Failure*, 2022, 24(10), pp. 1748–1750
  
39. Oxygenation targets in post-resuscitation care: a perspective of the BOX randomized clinical trial  
**Tavazzi, G.**, van Diepen, S., Morrow, D.  
*European Heart Journal: Acute Cardiovascular Care*, 2022, 11(9), pp. 716–717
  
40. Pulmonary artery acceleration time accuracy for systolic pulmonary artery pressure estimation in critically ill patients.  
Dammassa V, Corradi F, Colombo CNJ, Mojoli F, Price S, **Tavazzi G.**  
*Ultrasound J.* 2022 Jun 20;14(1):26.
  
41. Blood pressure and oxygenation targets after out-of-hospital cardiac arrest-trial (BOX)  
van Diepen, S., **Tavazzi, G.**, Morrow, D.A.  
*European Heart Journal: Acute Cardiovascular Care*, 2022, 11(9), pp. 714–715

42. Interaction between VA-ECMO and the right ventricle  
Puerto, E., **Tavazzi, G.**, Gambaro, A., ...Bueno, H., Price, S.  
*Hellenic Journal of Cardiology*, 2022, 68, pp. 17–24
  
43. Left Ventricular Unloading in Acute on Chronic Heart Failure: From  
Statements to Clinical Practice  
Sacco, A., Morici, N., Oreglia, J.A., **Tavazzi G.**, ...Nava, S., Pappalardo, F.  
*Journal of Personalized Medicine*, 2022, 12(9), 146
  
44. Anticoagulation for Percutaneous Ventricular Assist Device-Supported  
Cardiogenic Shock: JACC Review Topic of the Week.  
Vandenbrielle C, Arachchillage DJ, Frederiks P, Giustino G, Gorog DA,  
Gramegna M, Janssens S, Meyns B, Polzin A, Scandroglio M, Schrage B,  
Stone GW, **Tavazzi G.**, Vanassche T, Vranckx P, Westermann D, Price S,  
Chieffo A.  
*J Am Coll Cardiol.* 2022 May 17;79(19):1949-1962
  
45. Bortezomib-induced cardiogenic shock in a multiple myeloma patient with K  
light-chain cardiac amyloidosis.  
Dammassa V, Greco A, Totaro R, Colombo CNJ, Raineri C, Camporotondo R,  
De Ferrari GM, Mojoli F, Arbustini E, Oltrona Visconti L, **Tavazzi G.**  
*Annals of Hematology*, 2022, 101(9), pp. 2087–2088
  
46. Ultrasound localization of central vein catheter tip by contrast-enhanced  
transthoracic ultrasonography: a comparison study with trans-esophageal  
echocardiography.  
Corradi F, Guarracino F, Santori G, Brusasco C, **Tavazzi G.**, Via G, Mongodi  
S, Mojoli F, Biagini RUD, Isirdi A, Dazzi F, Robba C, Vetrugno L, Forfori F;  
UCARE research group.  
*Crit Care.* 2022 Apr 21;26(1):113. doi: 10.1186/s13054-022-03985-3.
  
47. Usefulness of Combined Renin-Angiotensin System Inhibitors and Diuretic  
Treatment In Patients Hospitalized with COVID-19.

Palazzuoli A, Tecson KM, Vicenzi M, D'Ascenzo F, De Ferrari GM, Monticone S, Secco GG, **Tavazzi G**, Forleo G, Severino P, Fedele F, De Rosa F, McCullough PA.

*Am J Cardiol.* 2022 Mar 15;167:133-138

48. Association between dose of catecholamines and markers of organ injury early after out-of-hospital cardiac arrest.

Czerwińska-Jelonkiewicz K, Wood A, Bohm A, Kwasiborski P, Oleksiak A, Ryczek R, Grand J, **Tavazzi G**, Sionis A, Stępińska J.

*Cardiol J.* 2021 Dec 30. doi: 10.5603/CJ.a2021.0173

49. Cerebral flow variation at different intra-aortic balloon settings in cardiogenic shock.

Colombo CNJ, Guglielmi A, Mojoli F, **Tavazzi G**.

*Eur Heart J Cardiovasc Imaging.* 2022 Jun 1;23(6):e270

50. Phenotypic heterogeneity of COVID-19 pneumonia: clinical and pathophysiological relevance of the vascular phenotype.

Bertini M, D'Aniello E, Di Ienno L, Gibiino F, **Tavazzi G**, Volta CA, Contoli M, Papi A, Campo G, Ferrari R, Rapezzi C.

*ESC Heart Fail.* 2022 Feb;9(1):263-269.

51. Echocardiography in Ventricular Fibrillation: Straight to the Diagnosis

Colombo, C.N.J., Dammassa, V., Bagliani, A., Mojoli, F., **Tavazzi, G**.

*Chest*, 2022, 162(1), pp. e57–e60

52. Intra-aortic balloon pump weaning strategy: rate or volume? Look at the coronary perfusion flow!

Colombo CNJ, Dammassa V, Mojoli F, **Tavazzi G**.

*Eur Heart J Cardiovasc Imaging.* 2022 Jan 24;23(2):e90.

53. Usefulness of Combined Renin-Angiotensin System Inhibitors and Diuretic Treatment In Patients Hospitalized with COVID-19.



Palazzuoli A, Tecson KM, Vicenzi M, D'Ascenzo F, De Ferrari GM, Monticone S, Secco GG, **Tavazzi G**, Forleo G, Severino P, Fedele F, De Rosa F, McCullough PA.

*Am J Cardiol.* 2022 Mar 15;167:133-138

54. Second-order grey-scale texture analysis of pleural ultrasound images to differentiate acute respiratory distress syndrome and cardiogenic pulmonary edema

Brusasco, C., Santori, G., **Tavazzi, G.**, ...Forfori, F., Corradi, F.

*Journal of Clinical Monitoring and Computing*, 2022, 36(1), pp. 131–140

55. Intra-aortic Balloon Pump for Acute-on-Chronic Heart Failure Complicated by Cardiogenic Shock.

Morici N, Marini C, Sacco A, **Tavazzi G**, Saia F, Palazzini M, Oliva F, Ferrari GM, Colombo PC, Kapur NK, Garan AR, Pappalardo F.

*J Card Fail.* 2021 Nov 11:S1071-9164(21)00468-1.

56. Phenotypic heterogeneity of COVID-19 pneumonia: clinical and pathophysiological relevance of the vascular phenotype.

Bertini M, D'Aniello E, Di Ienno L, Gibiino F, **Tavazzi G**, Volta CA, Contoli M, Papi A, Campo G, Ferrari R, Rapezzi C.

*ESC Heart Fail.* 2022 Feb;9(1):263-269. doi: 10.1002/ehf2.13602.

57. Long COVID: long-term effects?

Di Toro A, Bozzani A, **Tavazzi G**, Urtis M, Giuliani L, Pizzoccheri R, Aliberti F, Fergnani V, Arbustini E.

*Eur Heart J Suppl.* 2021 Oct 8;23(Suppl E):E1-E5.

58. Challenging cognitive biases in the health system during the COVID-19 pandemic

Sacco, A., Vecchi, G., **Tavazzi, G.**

*Public Health*, 2021, 197, pp. e24–e25

59. Helmet continuous positive airway pressure vs. high flow nasal cannula oxygen in acute cardiogenic pulmonary oedema: A randomized controlled trial  
Osman, A., Via, G., Sallehuddin, R.M., ...Fong, C.P.,  
*European Heart Journal: Acute Cardiovascular Care*, 2021, 10(10), pp. 1103–1111
60. QTc prolongation and mortality in SARS-2-CoV-infected patients treated with azithromycin and hydroxychloroquine.  
Baldi E, Rordorf R, Masiello L, D'Amore S, Ghio S, Seminari EM, Melazzini F, Fraolini E, Perlini S, **Tavazzi G**, Vicentini A.  
*J Cardiovasc Med (Hagerstown)*. 2021 Aug 2
61. Mechanical circulatory support in CS: device or patient?  
Morici N, **Tavazzi G**.  
*Open Heart*. 2021 Jul;8(2):e001733. doi: 10.1136/openhrt-2021-001733.
62. A simple prognostic score for COVID-19 hospitalized patients developing deep vein thrombosis.  
Bozzani A, Arici V, **Tavazzi G**, Boschini S, Guglielmi A, Mazza G, Mojoli F, Bruno R, Ragni F, Sterpetti AV.  
*Phlebology*, 2021, 36(10), pp. 835–840
63. Joint EAPCI/ACVC expert consensus document on percutaneous ventricular assist devices.  
Chieffo A, Dudek D, Hassager C, Combes A, Gramegna M, Halvorsen S, Huber K, Kunadian V, Maly J, Møller JE, Pappalardo F, Tarantini G, **Tavazzi G**, Thiele H, Vandenbriele C, van Mieghem N, Vranckx P, Werner N, Price S.  
*Eur Heart J Acute Cardiovasc Care*. 2021 Jun 30;10(5):570-583.
64. ACVC Young Community: a growing network of tomorrow's clinicians and scientists.  
**Tavazzi G**.

*Eur Heart J Acute Cardiovasc Care. 2021 May 25;10(4):468-469.*

65. Mechanical ventilation in cardiogenic shock.

**Tavazzi G.**

*Curr Opin Crit Care. 2021 Aug 1;27(4):447-453.*

66. Comparison of diuretic strategies in diuretic-resistant acute heart failure: a systematic review and network meta-analysis.

Orso D, **Tavazzi G**, Corradi F, Mearelli F, Federici N, Peric D, D'Andrea N, Santori G, Mojoli F, Forfori F, Vetrugno L, Bove T.

*Eur Rev Med Pharmacol Sci. 2021 Apr;25(7):2971-2980*

67. Challenging cognitive biases in the health system during the COVID-19 pandemic.

Sacco A, Vecchi G, **Tavazzi G.**

*Public Health. 2021 Mar 4:S0033-3506(21)00075-5.*

68. Pulmonary Artery Catheter in Cardiogenic Shock: Will the Benefits Finally Outweigh the Costs and Complications?

Fortuni F, **Tavazzi G**, De Ferrari GM.

*JACC Heart Fail. 2021 Apr;9(4):322-323.*

69. High prevalence of acute stress disorder and persisting symptoms in ICU survivors after COVID-19.

Mongodi S, Salve G, **Tavazzi G**, Politi P, Mojoli F; COVID-19 Post-ICU team; COVID-19 Pavia Crisis Unit.

*Intensive Care Med. 2021 May;47(5):616-618.*

70. Multi-organ point-of-care ultrasound for COVID-19 (PoCUS4COVID): international expert consensus.

Hussain A, Via G, Melniker L, Goffi A, **Tavazzi G**, Neri L, Villen T, Hoppmann R, Mojoli F, Noble V, Zieleskiewicz L, Blanco P, Ma IWY, Wahab MA, Alsaawi A, Al Salamah M, Balik M, Barca D, Bendjelid K,

Bouhemad B, Bravo-Figueroa P, Breikreutz R, Calderon J, Connolly J, Copetti R, Corradi F, Dean AJ, Denault A, Govil D, Graci C, Ha YR, Hurtado L, Kameda T, Lanspa M, Laursen CB, Lee F, Liu R, Meineri M, Montorfano M, Nazerian P, Nelson BP, Neskovic AN, Nogue R, Osman A, Pazeli J, Pereira-Junior E, Petrovic T, Pivetta E, Poelaert J, Price S, Prosen G, Rodriguez S, Rola P, Royse C, Chen YT, Wells M, Wong A, Xiaoting W, Zhen W, Arabi Y.

*Crit Care. 2020 Dec 24;24(1):702.*

71. Impact of the COVID-19 Pandemic on Hospitalizations for Acute Coronary Syndromes: a Multinational Study.

Araiza-Garaygordobil D, Montalto C, Martinez-Amezcuca P, Cabello-Lopez A, Gopar-Nieto R, Alabrese R, Almaghraby A, Catoya-Villa S, Chacon-Diaz M, Kaufmann CC, Corbi-Pascual M, Deharo P, El-Tahlawi M, Elgohari-Abdelwahab A, Guerra F, Jarakovic M, Martinez-Gomez E, Moderato L, Montero S, Morejon-Barragan P, Mohammed Omar A, Jorge-Pérez P, Przybyło P, Selim E, Sinan UY, Stratinaki M, Tica O, Trêpa M, Uribarri A, Uzokov J, Wilk K, Czerwińska-Jelonkiewicz K, Sionis A, Gierlotka M, Leonardi S, Krychtiuk KA, **Tavazzi G.**

*QJM. 2021 Jan 24;hcab013.*

72. Non-infective endocarditis in Crohn's disease: an anecdotal case of obstructive shock.

Dammasa V, Raineri C, Aiello M, Mojoli F, **Tavazzi G.**

*Eur Heart J Cardiovasc Imaging. 2021 Jan 20;jeab003.*

73. Acute Thrombosis of Lower Limbs Arteries in The Acute Phase and after Recovery from COVID19.

Bozzani A, Arici V, **Tavazzi G**, Mojoli F, Bruno R, Sterpetti AV, Ragni F.

*Annals of Surgery, 2021, 273(4), pp. E159–E160*

74. 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 Oct;38(10):1762-1768. doi: 10.1111/echo.15209.
75. EAPCI Position Statement on Invasive Management of Acute Coronary Syndromes during the COVID-19  
Chieffo A, Stefanini GG, Price S, Barbato E, Tarantini G, Karam N, Moreno R, Buchanan GL, Gilard M, Halvorsen S, Huber K, James S, Neumann FJ, Möllmann H, Roffi M, **Tavazzi G**, Mauri Ferré J, Windecker S, Dudek D, Baumbach A.  
*Eur Heart J*. 2020 May 14;41(19):1839-1851.
76. Early intra-aortic balloon pump in acute decompensated heart failure complicated by cardiogenic shock: rationale and design of the randomized Altshock- 2 trial  
Nuccia M, Claudia M, Alice S, **Tavazzi G**, Manlio C, Fabrizio O, Matteo R, Maria FG, Jonica C, Gianfranco F, Serafina V, Sergio L, Elena C, Bottiroli M, Daniele G, Cacciavillani L, Maria F, Federico P; Altshock Group.  
*American Heart Journal*, 2021, 233, pp. 39–47
77. EBV DNA increase in COVID-19 patients with impaired lymphocyte subpopulation count  
Paolucci, S., Cassaniti, I., Novazzi, F., ...**Tavazzi G**,...Rettani, M., Bandi, C.  
*International Journal of Infectious Diseases*, 2021, 104, pp. 315–319

78. Second-order grey-scale texture analysis of pleural ultrasound images to differentiate acute respiratory distress syndrome and cardiogenic pulmonary edema.  
Brusasco C, Santori G, **Tavazzi G**, Via G, Robba C, Gargani L, Mojoli F, Mongodi S, Bruzzo E, Trò R, Boccacci P, Isirdi A, Forfori F, Corradi F; UCARE (Ultrasound in Critical care and Anesthesia Research Group). *J Clin Monit Comput.* 2020 Dec 12.
79. COVID-19, End-Stage Heart Failure and Outcome: A Word of Caution in Determining the Causal Link.  
**Tavazzi G**, Corradi F, Mojoli F, Hussain A, Via G. *JACC Heart Fail.* 2020 Jul;8(7):598-599.
80. Inhaled nitric oxide in patients admitted to intensive care unit with COVID-19 pneumonia.  
**Tavazzi G**, Marco P, Mongodi S, Dammassa V, Romito G, *Crit Care.* 2020 Aug 17;24(1):508.
81. Contextualizing cardiac dysfunction in critically ill patients with COVID-19.  
**Tavazzi G**, Corradi F, Mojoli F, Forfori F, Via G. *Minerva Anesthesiol.* 2020 Dec;86(12):1340-1345.
82. Re-organization of the vascular surgery department during the acute phase of the covid19 outbreak: lessons learned and future perspectives.  
Bozzani A, Pallini M, Arici V, **Tavazzi G**, Ticozzelli G, Franciscone MM, Danesino V, Mojoli F, Ragni F, Sterpetti AV. *Annals of Vascular Surgery*, 2021, 72, pp. 191–195
83. Cardiac involvement at presentation in patients hospitalized with COVID-19 and their outcome in a tertiary referral hospital in Northern Italy.  
Ghio S, Baldi E, Vicentini A, Lenti MV, Di Sabatino A, **Tavazzi G**, Di Matteo A, Zuccaro V, Piloni D, Corsico A, Gneccchi M, Speciale F, Sabena

A, Oltrona Visconti L, Perlini S; San Matteo COVID Cardiac Injury Task Force.

*Intern Emerg Med. 2020 Nov;15(8):1457-1465.*

84. Arterial elastance modulation by intra-aortic balloon counterpulsation in patients with acute decompensated heart failure and low-output state  
Sacco A, **Tavazzi G**, Morici N, Viola G, Meani P, Oliva FG, Pappalardo F  
*Journal of Cardiovascular Medicine*, 2021, 22(3), pp. 231–232

85. When data interpretation should not rely on the magnitude of P values: the example of ANDROMEDA SHOCK trial.

Corradi F, **Tavazzi G**, Santori G, Forfori F .

*Ann Transl Med. 2020 Jun;8(12):802.*

86. The right ventricle after cardiopulmonary bypass: new insights on its adaptive physiology

Via G, **Tavazzi G**, Bendjelid K.

*J Clin Monit Comput. 2020 Mar 10.*

87. Antecedent Administration of Angiotensin Converting Enzyme Inhibitors or Angiotensin II Receptor Antagonists and Survival After Hospitalization for SARS-CoV-2 (COVID-19).

Palazzuoli A, Mancone M, De Ferrari GM, Forleo G, Secco GG, Ruocco GM, D'Ascenzo F, Monticone S, Paggi A, Vicenzi M, Palazzo AG, Landolina M, Taravelli E, **Tavazzi G**, Blasi F, Infusino F, Fedele F, De Rosa FG, Emmett M, Schussler JM, Tecson KM, McCullough PA.

*J Am Heart Assoc. 2020 Oct 7:e017364*

88. Vasopressin in Patients with Septic Shock and Dynamic Left Ventricular Outflow Tract Obstruction

Balik M, Novotny A, Suk D, Matousek V, Maly M, Brozek T, **Tavazzi G**.

*Cardiovasc Drugs Ther. 2020 Oct;34(5):685-688*

89. Venous thromboembolism and COVID-19: a single center experience from an academic tertiary referral hospital of Northern Italy.

Melazzini F, Colaneri M, Fumoso F, Freddi G, Lenti MV, Pieri TC, Piloni D, Noris P, Pieresca C, Preti PS, Russo M, Corsico A, **Tavazzi G**, Baldanti F, Triarico A, Mojoli F, Bruno R, Di Sabatino A  
*Intern Emerg Med. 2020 Nov 8:1-12*

90. Endovascular Surgery during COVID-19 Virus Pandemic as a Valid Alternative to Open Surgery.

Bozzani A, Arici V, Ticozzelli G, **Tavazzi G**, Sterpetti AV, Mojoli F, Bruno R, Ragni F.  
*Annals of Vascular Surgery, 2021, 71, pp. 101–102*

91. Acute arterial and deep venous thromboembolism in COVID-19 patients: Risk factors and personalized therapy.

Bozzani A, Arici V, **Tavazzi G**, Franciscone MM, Danesino V, Rota M, Rossini R, Sterpetti AV, Ticozzelli G, Rumi E, Mojoli F, Bruno R, Ragni F.  
*Surgery. 2020 Dec;168(6):987-992*

92. A Multidimensional Approach of Surgical Mortality Assessment and Stratification (Smatt Score).

Cutti S, Klersy C, Favalli V, Cobianchi L, Muzzi A, Rettani M, **Tavazzi G**, Delmonte MP, Peloso A, Arbustini E, Marena C.  
*Sci Rep. 2020 Jul 3;10(1):10964.*

93. Inpatient Mortality According to Level of Respiratory Support Received for Severe Acute Respiratory Syndrome Coronavirus 2 (Coronavirus Disease 2019) Infection: A Prospective Multicenter Study.

Palazzuoli A, Ruberto F, De Ferrari GM, Forleo G, Secco GG, Ruocco GM, D'Ascenzo F, Mojoli F, Monticone S, Paggi A, Vicenzi M, Corcione S, Palazzo AG, Landolina M, Taravelli E, **Tavazzi G**, Blasi F, Mancone



M, Birtolo LI, Alessandri F, Infusino F, Pugliese F, Fedele F, De Rosa FG, Emmett M, Schussler JM, McCullough PA, Tecson KM.

Crit Care Explor. 2020 Sep 18;2(9):e0220.

94. QTc Interval and Mortality in a Population of SARS-2-COV Infected Patients.

Vicentini A, Masiello L, D'Amore S, Baldi E, Ghio S, Savastano S, Sanzo A, Di Matteo A, Seminari EM, Lenti MV, Bosio M, Petracci B, Frigerio L, Sabena A, **Tavazzi G**, Oltrona Visconti L, Rordorf R .

Circ Arrhythm Electrophysiol. 2020 Sep 29.

95. Acute deep vein thrombosis in COVID 19 hospitalized patients. Risk factors and clinical outcomes

Bozzani A, **Tavazzi G**, Arici V, Sterpetti AV, Rumi E, Mojoli F, Bruno R, Ragni F .

*Phlebology*, 2021, 36(3), pp. 240–242

96. Renal Doppler-Based Assessment of Regional Organ Perfusion in the Critically Ill Patient.

Corradi F, Brusasco C, Via G, **Tavazzi G**, Forfori F.

*Shock*. 2020 May 21.

97. COVID-19 Pavia Crisis Unit Our recommendations for acute management of COVID-19.

Mojoli F, Mongodi S, Orlando A, Arisi E, Pozzi M, Civardi L, **Tavazzi G**, Baldanti F, Bruno R, Iotti GA;

Crit Care. 2020 May 8;24(1):207.

98. Lung Ultrasound in Patients with Acute Respiratory Failure Reduces

Conventional Imaging and Health Care Provider Exposure to COVID-19

Mongodi S, Orlando A, Arisi E, **Tavazzi G**, Santangelo E, Caneva L, Pozzi M, Pariani E, Bettini G, Maggio G, Perlini S, Preda L, Iotti GA, Mojoli F

Ultrasound Med Biol. 2020 Aug;46(8):2090-2093

99. Detection of the SARS-CoV-2 in different biologic specimens from positive patients with COVID-19, in Northern Italy  
Novazzi, F., Cassaniti, I., Piralla, A., ...**Tavazzi G**,.....Bandi, C., Ferrari, A.  
*Pediatric Allergy and Immunology*, 2020, 31(S26), pp. 72–74
100. Thrombotic events in SARS-CoV-2 patients: an urgent call for ultrasound screening  
**Tavazzi G**, Civardi L, Caneva L, Mongodi S, Mojoli F.  
*Intensive Care Medicine*, 2020, 46(6), pp. 1121–1123
101. Performance of VivaDiag COVID-19 IgM/IgG Rapid Test is inadequate for diagnosis of COVID-19 in acute patients referring to emergency room department  
Bruno, R., Mondelli, M., Brunetti, E., ...**Tavazzi G**,...Lago, P., Baldanti, F.  
*Journal of Medical Virology*, 2020, 92(10), pp. 1724–1727
102. Emergency Department and Out-of-Hospital Emergency System (112—AREU 118) integrated response to Coronavirus Disease 2019 in a Northern Italy centre  
Perlini, S., Canevari, F., Cortesi, S., ... **Tavazzi G**...Ferrari, A., Pasi, F.  
*Internal and Emergency Medicine*, 2020, 15(5), pp. 825–833
103. Myocardial localization of coronavirus in COVID-19 cardiogenic shock  
**Tavazzi G**, Pellegrini C, Maurelli M, Belliato M, Sciutti F, Bottazzi A, Sepe PA, Resasco T, Camporotondo R, Bruno R, Baldanti F, Paolucci S, Pelenghi S, Iotti GA, Mojoli F, Arbustini E.  
*European Journal of Heart Failure*, 2020, 22(5), pp. 911–915
104. Severe acute respiratory syndrome coronavirus 2 RNA contamination of inanimate surfaces and virus viability in a health care emergency unit

Colaneri, M., Seminari, E., Novati, S., ... **Tavazzi G**...Rettani, M., Bandi, C.

*Clinical Microbiology and Infection*, 2020, 26(8), pp. 1094.e1–1094.e5

105. Lung ultrasound and B-lines quantification inaccuracy: B sure to have the right solution  
Corradi F, Via G, Forfori F, Brusasco C, **Tavazzi G**. .  
*Intensive Care Medicine*, 2020, 46(5), pp. 1081–1083
106. Rapid response to COVID-19 outbreak in Northern Italy: how to convert a classic infectious disease ward into a COVID-19 response centre.  
Asperges E, Novati S, Muzzi A, Biscarini S, Sciarra M, Lupi M, Sambo M, Gallazzi I, Peverini M, Lago P, Mojoli F, ... **Tavazzi G**,...Perlini S, Bruno R;  
J Hosp Infect. 2020 Mar 20
107. Lack of SARS-CoV-2 RNA environmental contamination in a tertiary referral hospital for infectious diseases in Northern Italy. Colaneri M, Seminari E, Piralla A, Zuccaro V, Filippo AD, ... **Tavazzi G**,...Baldanti F, Bruno R, Mondelli MU  
J Hosp Infect. 2020 Mar 19
108. Low risk for SARS-CoV2 symptomatic infection and early complications in paediatric patients during the ongoing CoVID19 epidemics in Lombardy.  
Rovida F, Cereda D, Novati S, Licari A, Triarico A,... **Tavazzi G**,... Marseglia GL, Bruno R, Baldanti F.  
Clin Microbiol Infect. 2020 Nov;26(11):1569-1571.
109. Emergency Department and Out-of-Hospital Emergency System (112-AREU 118) integrated response to Coronavirus Disease 2019 in a Northern Italy centre.

Perlini S, Canevari F, Cortesi S, Sgromo V, Brancaglione A, Contri E, Pettenazza P, Salinaro F, Speciale F, Sechi G, ... **Tavazzi G**,...Mare C, Cutti S, Novelli V, Marena C, Muzzi A, Bruno R, Palo A  
Intern Emerg Med. 2020 Aug;15(5):825-833.

110. Respiratory management in severe acute respiratory syndrome coronavirus 2 infection  
Price, S., Singh, S., Ledot, S., **Tavazzi, G.** and Vranckx, P.  
*European Heart Journal: Acute Cardiovascular Care*, 2020, 9(3), pp. 229–238
111. Percutaneous continuous left stellate ganglion block as an effective bridge to bilateral cardiac sympathetic denervation. Savastano S, Pugliese L, Baldi E, Dusi V, **Tavazzi G**, De Ferrari GM.  
*Europace*. 2020 Apr 1;22(4):606.
112. Acute respiratory failure and inflammatory response after out-of-hospital cardiac arrest: results of the Post-Cardiac Arrest Syndrome (PCAS) pilot study Czerwińska-Jelonkiewicz K, Grand J, **Tavazzi G**, Sans-Rosello J, Wood A, Oleksiak A, Buszman P, Krysiński M, Sionis A, Hassager C, Stepińska J.  
*Eur Heart J Acute Cardiovasc Care*. 2020 Jan 31 9 pp. S110–S121
113. Early signs of right ventricular systolic and diastolic dysfunction in acute severe respiratory failure: the importance of diastolic restrictive pattern. **Tavazzi G**, Bergsland N, Alcada J, Price S.  
*Eur Heart J Acute Cardiovasc Care*. 2019 Nov 25.
114. What's new in ultrasound-based assessment of organ perfusion in the critically ill: expanding the bedside clinical monitoring window for hypoperfusion in shock  
Corradi F, Via G, **Tavazzi G.**  
*Intensive Care Med*. 2019 Oct 25.

115. Correlation Between Echocardiographic and Hemodynamic Variables in Cardiothoracic Intensive Care Unit.  
**Tavazzi G**, Dammassa V, Corradi F, Klersy C, Patel B, Pires AB, Vazir A, Price S.  
J Cardiothorac Vasc Anesth. 2020 May;34(5):1263- 1269.
116. Early cardiac unloading with ImpellaCP™ in acute myocardial infarction with ventricular septal defect.  
Via G, Buson S, **Tavazzi G**, Halasz G, Quagliana A, Moccetti M, Demertzis S, Cassina T.  
ESC Heart Fail. 2020 Feb 11.
117. Clinical characteristics of coronavirus disease (COVID-19) early findings from a teaching hospital in Pavia, North Italy, 21 to 28 February 2020  
Colaneri, M., Sacchi, P., Zuccaro, V., ...**Tavazzi G**,...Bandi, C., Ferrari, A.  
*Eurosurveillance*, 2020, 25(16), 2000460
118. Levosimendan: What Have We Learned So Far?  
Villa, G., **Tavazzi, G.**, Guarracino, F., Sangalli, F.  
*Current Anesthesiology Reports*, 2019, 9(3), pp. 234–241
119. Quantitative lung ultrasonography: a putative new algorithm for automatic detection and quantification of B-lines.  
Brusasco C, Santori G, Bruzzo E, Trò R, Robba C, **Tavazzi G**, Guarracino F, Forfori F, Boccacci P, Corradi F.  
Crit Care. 2019 Aug 28;23(1):288
120. An unusual view for veno-venous extra-corporeal membrane oxygenation cannulas visualization  
Mongodi S, Ferrari F, **Tavazzi G**, Mojoli F..  
Intensive Care Med. 2019 Aug 21.
121. Right ventricular total isovolumic time: Reference value study.

- Tavazzi G**, Boffi A, Savioli G, Greco A, Pavesi C, Klersy C, Guida S, Iotti G, Mojoli F, Ghio S, Via G, Barbier P, Raineri C, De Ferrari GM, Price S.  
Echocardiography. 2019 Jul;36(7):1234-1240.
122. Does Levosimendan Have Room in Takotsubo Syndrome.  
**Tavazzi G**, Mojoli F, Iotti GA, Via G.  
JACC Heart Fail. 2019 Feb;7(2):174.
123. "Pre-hospital transthoracic echocardiography for early identification of non-ST-elevation myocardial infarction in patients with acute coronary syndrome".  
**Tavazzi G**, Neskovic AN, Popescu BA, Via G.  
Crit Care. 2018 Nov 21;22(1):311.
124. Diagnosis of diastolic dysfunction in the emergency department: really at reach for minimally trained sonologists? A call for a wise approach to heart failure with preserved ejection fraction diagnosis in the ER. Via G, **Tavazzi G**.  
Crit Ultrasound J. 2018 Oct 8;10(1):26
125. Potential advantages and drawbacks of new methodologies for the conduction of observational research  
Tavazzi, L., **Tavazzi, G**.  
*European Heart Journal, Supplement*, 2018, 20, pp. C11–C13
126. Combined lung and brain ultrasonography for an individualized "brain-protective ventilation strategy" in neurocritical care patients with challenging ventilation needs  
Corradi F, Robba C, **Tavazzi G**, Via G..  
Crit Ultrasound J. 2018 Sep 17;10(1):24.
127. Focused cardiac ultrasound  
Via, G., Dean, A., Casso, G., Løgstrup, B.B., **Tavazzi, G**.

*ERS Monograph*, 2018, 2018(9781849840941), pp. 184–205

128. Splenic Doppler Resistive Index Variation Mirrors Cardiac Responsiveness and Systemic Hemodynamics upon Fluid Challenge Resuscitation in Postoperative Mechanically Ventilated Patients  
Brusasco C, **Tavazzi G**, Robba C, Santori G, Vezzani A, Manca T, Corradi F..  
Biomed Res Int. 2018 Aug 8;2018:1978968.
129. There Should Not Be Much Doubt That Neurogenic Stress Cardiomyopathy in Cardiac Donors Is a Phenotype of Takotsubo Syndrome, and Takotsubo Common Pathways and SNRI Medications **Tavazzi G**, Via G, Iotti G; Marinella Zanierato, Procaccio F. Reply:. *JACC Heart Fail.* 2018 Apr;6(4):348.
130. Primary percutaneous coronary intervention during ST elevation myocardial infarction in prosthetic valve endocarditis: a case report Campanile A, **Tavazzi G**, Caprioglio F, Rigo F.  
  
*BMC Cardiovasc Disord.* 2018 Feb 9;18(1):28
131. Are Neurogenic Stress Cardiomyopathy and Takotsubo Different Syndromes With Common Pathways?: Etiopathological Insights on Dysfunctional Hearts.  
**Tavazzi G**, Zanierato M, Via G, Iotti GA, Procaccio F.  
*JACC Heart Fail.* 2017 Dec;5(12):940-942.
132. Lung ultrasound for daily monitoring of ARDS patients on extracorporeal membrane oxygenation: preliminary experience Mongodi S, Pozzi M, Orlando A, Bouhemad B, Stella A, **Tavazzi G**, Via G, Iotti GA, Mojoli F.. *Intensive Care Med.* 2018 Jan;44(1):123-124.

133. A plea for an early ultrasound-clinical integrated approach in patients with acute heart failure. A proactive comment on the ESC Guidelines on Heart Failure 2016  
**Tavazzi G**, Neskovic AN, Hussain A, Volpicelli G, Via G.  
Int J Cardiol. 2017 Oct 15;245:207-210.
134. Acute Heart Failure Study Group of the European Society of Cardiology Acute Cardiovascular Care Association. Expert consensus document: Echocardiography and lung ultrasonography for the assessment and management of acute heart failure.  
Price S, Platz E, Cullen L, **Tavazzi G**, Christ M, Cowie MR, Maisel AS, Masip J, Miro O, McMurray JJ, Peacock WF, Martin-Sanchez FJ, Di Somma S, Bueno H, Zeymer U, Mueller C;  
Nat Rev Cardiol. 2017 Jul;14(7):427-440.
135. Ultrasound-guided pericardiocentesis: a novel parasternal approach  
Osman A, Wan Chuan T, Ab Rahman J, Via G, **Tavazzi G**.  
Eur J Emerg Med. 2018 Oct;25(5):322-327.
136. Propafenone for supraventricular arrhythmias in septic shock-  
Comparison to amiodarone and metoprolol  
Balik M, Kolnikova I, Maly M, Waldauf P, **Tavazzi G**, Kristof J.  
J Crit Care. 2017 Oct;41:16-23.
137. 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.
138. 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. 2018 Dec;7(8):771-773.



139. Modified Lung Ultrasound Score for Assessing and Monitoring Pulmonary Aeration Mongodi S, Bouhemad B, Orlando A, Stella A, **Tavazzi G**, Via G, Iotti GA, Braschi A, Mojoli F.  
Ultraschall Med. 2017 Oct;38(5):530-537.
140. Venovenous Extracorporeal Membrane Oxygenation for Acute Respiratory Distress Syndrome in a Patient With Acute Right Heart Failure. Mongodi S, Orlando A, **Tavazzi G**, Pozzi M, Maggio G, Braschi A, Iotti GA, Mojoli F.  
J Cardiothorac Vasc Anesth. 2017 Aug;31(4):1374-1377
141. Invasive pulmonary aspergillosis after near-drowning **Tavazzi G**, Via G, Marzani FC, Mojoli F.  
Lancet Infect Dis. 2016 Dec;16(12):1430.
142. Amino terminal pro brain natriuretic peptide predicts all-cause mortality in patients with chronic obstructive pulmonary disease: Systematic review and meta-analysis  
Pavasini R, **Tavazzi G**, Biscaglia S, Guerra F, Pecoraro A, Zaraket F, Gallo F, Spitaleri G, Contoli M, Ferrari R, Campo G.  
Chron Respir Dis. 2017 May;14(2):117-126.
143. 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
144. Pulmonic Regurgitation in the Adult Cardiac Surgery Patient. Shillcutt SK, **Tavazzi G**, Shapiro BP, Diaz-Gomez J.  
J Cardiothorac Vasc Anesth. 2017 Feb;31(1):215-228.

145. Patent foramen ovale diagnosis: The importance of provocative maneuvers. Mongodi S, Via G, Riccardi M, **Tavazzi G**, D'Armini AM, Maurelli M, Braschi A, Mojoli F.  
J Clin Ultrasound. 2017 Jan;45(1):58-61.
146. An 82-Year-Old Woman With Ongoing Dyspnea  
**Tavazzi G**, Via G, Braschi A, Price S..  
Chest. 2016 Jul;150(1):e9-e11.
147. 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, Ludman A, Banya W, **Tavazzi G**, Bastin AJ, Trenfield S, Ghorri A, Alexander PD, Griffiths M, Price S, Sharma R, Cowie MR.  
Int J Cardiol. 2016 Oct 1;220:618-22.
148. 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.
149. 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.
150. 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.
151. 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.

152. Right Ventricular Arrhythmogenic Dysplasia in Cardiac Arrest. An Echocardiographic Pattern Not to Forget.  
**Tavazzi G**, Via G, Turco A, Mojoli F.  
Am J Respir Crit Care Med. 2015 Sep 15;192(6):e46-8.
153. Weaning Failure for Disproportionate Hypoxemia Caused by Paradoxical Response to Positive End-Expiratory Pressure in a Patient with Patent Foramen Ovale.  
**Tavazzi G**, Pozzi M, Via G, Mongodi S, Braschi A, Mojoli F.  
Am J Respir Crit Care Med. 2016 Jan 1;193(1):e1-2.
154. Bedside Ultrasonographic Measurement of the Inferior Vena Cava.  
**Tavazzi G**, Price S, Fletcher N.  
J Cardiothorac Vasc Anesth. 2015 Oct;29(5):e54-5
155. Concept of the central clip: when to use one or two MitraClips®.  
EuroIntervention.  
Alegria-Barrero E, Chan PH, Foin N, Syrseloudis D, **Tavazzi G**, Price S, Lindsay AC, Duncan A, Moat N, Di Mario C, Franzen OW. 2014 Feb;9(10):1217-24. doi: 10.4244/EIJV9I10A204.
156. Post-partum cardiogenic shock in a patient with permanent junctional re-entry tachycardia  
Rordorf R, Raineri C, De Ferrari GM, Via G, **Tavazzi G**, Mojoli F, Nicolino A, Landolina M.  
Int J Cardiol. 2011 Sep 1;151(2):e68-70.

## Book Chapters

1. **Tavazzi G**, Price S. “Echocardiography in Weaning from Mechanical Ventilation” “Ecocardiografia in Area Critica”, Guarracino Fabio Editore: Elsevier Masson 2012
2. **Tavazzi G**. Price S. “Echocardiography in Critical Care” Oh's Intensive Care Manual, 7th Edition. Chapter 27th Andrew Bersten,. Expert Consult Imprint: Butterworth-Heinemann ISBN: 978-0-7020-4762-6
3. Waldron B. **Tavazzi G**. Price S Echocardiography: beyond the basics Consultant level examination. Chapter 28. In: Critical Care Ultrasound. Philip Lumb, MB, BS Elsevier. ISBN: 978-1-4557-5357-4
4. Gargani L, Alcada J, **Tavazzi G**. Lung Ultrasound in periresuscitation . FEEL course Manual 2nd edition. Pub ahead of Print and available on line [www.feel-uk.com](http://www.feel-uk.com)
5. **Tavazzi G**. FoCUS Cardiac Ultrasound Via G. Emergency echocardiography. Neskovic A. CRC press III edition. Ahead of print
6. Expert consultant evaluation of tricuspid and pulmonary valve. Perioperative Transesophageal echocardiography. Sidebotham D. Elsevier Masson, III edition. Ahead of print
7. **Tavazzi G**; Price S. Septic Cardiomyopathy. Oxford Clinical Imaging Guides
8. Emergency Echocardiography  
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