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Present position:

- Attending physician, Division of Emergency Medicine and High Dependency Unit, AOU Città della Salute e della Scienza di Torino – Presidio Molinette, Turin (Italy).
- Assistant professor, Department of Medical Sciences, University of Turin.

Education

- 2001-2007 School of Medicine, University of Turin (Italy)
- 2009- 2010 Master of Science in Epidemiology, University of Turin, Italy (in total 400 hours).
- 2011- Observership period in Critical Care, Department of Critical Care, St. Michael's Hospital, Toronto, Ontario, Canada (4 weeks)
- 2012-2013 Research Fellowship in Emergency Ultrasound at the Division of Emergency Ultrasound, Department of Emergency Medicine, Brigham and Women's Hospital, Boston, MA, USA, Harvard School of Medicine
- 2011-2016 Residency Program in Emergency Medicine, Department of Emergency Medicine and Division of High Dependency Unit, AOU Città della Salute e della Scienza di Torino, Turin, (Italy)
- 2016-2018 PhD Program in Experimental Medicine and Therapy, University of Turin, Turin (Italy)

Professional Licenses/Certifications

- 2008- Italian medical board
- 2009- March-September: training period in "Clinical Ultrasonography in an emergency setting", Pinerolo General Hospital, Turin (Italy) (approximately 1000 hours)
- 2013 - SIMEU point-of-care ultrasonography provider
- 2014 - SIMEU point-of-care ultrasonography instructor
- 2016 - SIMEU point-of-care ultrasonography course coordinator
- 2018 - SIMEU point-of-care ultrasonography course director

Scientific Societies

- Member of the American College of Emergency Physicians (ACEP)
- Member of the Italian Society of Echocardiography and CardioVascular Imaging (SIECVI, previously SIEC)
- Member of the American Institute of Ultrasound in Medicine (AIUM)
- Member of the editorial board of the Italian Journal of Emergency Medicine (official Italian scientific review for the national society of emergency medicine - SIMEU)

Publications

1. Baussano I, Pivetta E, Vizzini L, Abbona F, Bugiani M
Predicting tuberculosis treatment outcome in a low-incidence area
International Journal of Tuberculosis and Lung Disease. 2008 Dec;12(12):1441-8.
2. Dama E, Maule MM, Mosso ML, Alessi D, Ghisleni M, Pivetta E, Pisani P, Magnani C, Pastore G, Merletti F
Life after childhood cancer: marriage and offspring in adult long-term survivors. A population-based study in Piedmont region, Italy
European Journal of Cancer Prevention. 2009 Sep 3
3. Caramellino L, Pivetta E, Tartaglia A, Brizio T
[Mobile phone repeaters and impaired leukocyte formula]
M.D. Medicinae doctor. 2009 June; 23: 20-23. Italian
4. Pivetta E
[Suspected acute appendicitis: three critical points on the ACEP Guidelines]
e-pub on www.medicinadurgenza.com, 01/21/2010. Italian
5. Pivetta E, Cibinel GA
[The lab and the Emergency room: lactate dehydrogenase]
e-pub on www.medicinadurgenza.com, 01/29/2010. Italian

6. Pivetta E, Goffi A, Cibinel GA
[The lab and the Emergency room: D-dimer]
e-pub on www.medicinadurgenza.com, 2010 March. Italian
7. Pivetta E, Civita M, Goffi A, Masera C, Bottero R, Favero M, Codipietro L, Cibinel GA
[Not all back pain are the same: two spinal hematoma cases]
"Decidere in Medicina". Italian
8. Pivetta E, Goffi A, Cibinel GA
[Clinical Ultrasonography cases: litiatic acute cholecystitis]
e-pub on www.medicinadurgenza.com, 05/13/2010. Italian
9. Pivetta E, Goffi A, Cibinel GA
[Clinical Ultrasonography cases: acute appendicitis]
e-pub on www.medicinadurgenza.com, 06/18/2010. Italian
10. AIRTUM Working Group
"talian cancer figures, report 2010: Cancer prevalence in Italy. Patients living with cancer, long-term survivors and cured patients
Epidemiol Prev. 2010 Sep-Dec;34(5-6 Suppl 2):1-188. English, Italian.
11. Dal Maso L, De Angelis R, Guzzinati S; AIRTUM Working Group.
[AIRTUM numbers: 200,000 young Italians live with cancer].
Epidemiol Prev. 2011 Jan-Feb;35(1):59. Italian.
12. Baussano I, Nunn P, Williams B, Pivetta E, Bugiani M, Scano F
Tuberculosis incidence among Health Care Workers
Emerg Infect Dis. 2011 Mar;17(3):488-94
13. Pivetta E, Maule MM, Dama E, Pisani P, Haupt R, Jankovic M, Aricò M, Pillon M, Casale F, Castello M, Cordero di Montezemolo L, Palumbo G, Terenziani M, Locatelli F, Pession A, Santoro N, Kiren V, Valsecchi MG, Magnani C, Merletti F, Pastore G
Marriage and parenthood among childhood cancer survivors: a report from the Italian AIEOP Off-Therapy Registry
Haematologica. 2011 May;96(5):744-51
14. Cibinel GA, Casoli G, Elia F, Padoan M, Pivetta E, Lupia E, Goffi A
Diagnostic accuracy and reproducibility of lung ultrasound in discriminating cardiogenic causes of acute dyspnea in the Emergency Department
Intern Emerg Med. 2012 Feb;7(1):65-70
15. Richiardi L, Pivetta E, Merletti F
Recruiting study participants through facebook.
Epidemiology. 2012 Jan;23(1):175
16. Lison D, Pivetta E, Ferreri E, Tizzani M
[Un "banale" caso di cardiopalmo e dispnea]
e-pub on www.medicinadurgenza.com, 16/02/2012. Italian
17. Pivetta E, Lison D, Lupia E
[La troponina: come orientarsi nel labirinto delle eziologie]
e-pub on www.medicinadurgenza.com, 30/03/2012. Italian
18. Giachino F, Lison D, Tizzani M, Pivetta E
[Insufficienza respiratoria dell'anziano: BPCO? Scompenso? Altro?]
e-pub on www.medicinadurgenza.com, 02/06/2012. Italian
19. Piovano E, Pivetta E, Modaffari P, Martra F, Baima Poma C, Perotto S, Tripodi E, Zanfagnin V, Zola P, Ferrero A
A search for predictive factors for hypersensitivity reactions to paclitaxel and platinum salts in chemotherapy for gynecologic pelvic neoplasms
Gynecol Obstet Invest. 2012;74(1):21-7. Epub 2012 May 31.
20. Pivetta E, Cibinel GA
[Anziano con dolore addominale: un caso banale]
e-pub on www.medicinadurgenza.com, 23/02/2013. Italian
21. Pizzolato E, Lison D, Pivetta E
[Analgesia: come gestire il dolore in pronto soccorso]

e-pub on www.medicinadurgenza.com, 24/02/2013. Italian

22. Pivetta E, Lison D, Forno D, Soardo F, Castagno D, Lupia E
[Cosa ne sappiamo. Il laboratorio e il PS: la troponina]
"Decidere in Medicina". 03/2013. Italian
23. Platz E, Hempel D, Pivetta E, Rivero J, Solomon SD
Echocardiographic and Lung Ultrasound Characteristics in Ambulatory Patients with Dyspnea or Prior Heart Failure
Echocardiography. 2013 Sep 13. doi: 10.1111/echo.12346
24. Goffi A, Pivetta E, Lupia E, Porrino G, Civita M, Laurita E, Griot G, Casoli G, Cibinel GA
Has lung ultrasound an impact on the management of patients with acute dyspnea in the Emergency Department?
Crit Care. 2013 Aug 27;17(4):R180.
25. Studer M, Hempel D, Rouhani S, Dubsy H, Pivetta E, Kimberly H
Addition of a lateral view improves adequate visualization of the abdominal aorta during clinician performed ultrasound
Am J Emerg Med. 2014 Mar;32(3):256-9.
26. Hempel D, Pivetta E, Kiberly HH
Personalized peer-comparison feedback and its effect on emergency medicine resident ultrasound scan numbers.
Ultrasound J. 2014 Jan 14;6:1
27. Aspler A, Pivetta E, Stone MB.
Double-lung point sign in traumatic pneumothorax.
Am J Emerg Med. 2014 Jul;32(7):819.e1-2.
28. Platz E, Hempel D, Pivetta E, Rivero J, Solomon SD.
Reply: To PMID 24028294.
Echocardiography. 2014 Mar;31(3):408-9.
29. Turvani F, Pigozzi L, Barutta L, Pivetta E, Pizzolato E, Morello F, Battista S, Moiraghi C, Montrucchio G, Lupia E
Bleeding prevalence and transfusion requirement in patients with thrombocytopenia in the emergency department.
Clin Chem Lab Med. 2014 Oct;52(10):1485-8.
30. Segre E, Pigozzi L, Lison D, Pivetta E, Bosco O, Vizio B, Suppo U, Turvani F, Morello F, Battista S, Moiraghi C, Montrucchio G, Lupia E.
May thrombopoietin be a useful marker of sepsis severity assessment in patients with SIRS entering the emergency department?
Clin Chem Lab Med. 2014 Oct;52(10):1479-83.
31. Firestone R, Cheng S, Pearce N, Douwes J, Merletti F, Pizzi C, Pivetta E, Rusconi F, Richiardi L.
Internet-Based Birth-Cohort Studies: Is This the Future for Epidemiology?
JMIR Res Protoc. 2015 Jun 12;4(2):e71
32. Pivetta E, Goffi A, Lupia E, Tizzani M, Porrino G, Ferreri E, Volpicelli G, Balzaretto P, Banderali A, Iacobucci A, Locatelli S, Casoli G, Stone MB, Maule MM, Baldi I, Merletti F, Cibinel GA, for the SIMEU Group for Lung Ultrasound in the Emergency Department in Piedmont
Lung ultrasound-implemented diagnosis of acute decompensated heart failure in the Emergency Department - A SIMEU multicenter study
Chest. 2015 Jul;148(1):202-10.
33. Morello F, Cavalot G, Giachino F, Tizzani M, Nazerian P, Carbone F, Pivetta E, Mengozzi G, Moiraghi C, Lupia E.
White blood cell and platelet count as adjuncts to standard clinical evaluation for risk assessment in patients at low probability of acute aortic syndrome.
Eur Heart J Acute Cardiovasc Care. 2015 Aug 11. [Epub ahead of print]
34. Pivetta E, Goffi A, Lupia E, Tizzani M, Porrino G, Ferreri E, Volpicelli G, Balzaretto P, Banderali A, Iacobucci A, Locatelli S, Casoli G, Stone MB, Maule MM, Baldi I, Merletti F, Cibinel GA, for the SIMEU Group for Lung Ultrasound in the Emergency Department in Piedmont

Lung ultrasound-implemented diagnosis of acute decompensated heart failure in the Emergency Department - A SIMEU multicenter study – Response
Chest. 2015 Sep;148(3):e96-8.

35. Platz E, Pivetta E, Merz AA, Peck J, Rivero J, Cheng S.
Impact of device selection and clip duration on lung ultrasound assessment in patients with heart failure.
Am J Emerg Med. 2015 Nov;33(11):1552-6.
36. Platz E, Lewis E, Uno H, Peck J, Pivetta E, Merz AA, Hempel D, Wilson C, Freasure SE, Jhund PS, Cheng S, Solomon SD
Detection and prognostic value of pulmonary congestion by lung ultrasound in ambulatory heart failure patients.
Eur Heart J. 2016 Apr 14;37(15):1244-51.
37. Kinnaman KA, Kimberly HH, Pivetta E, Platz E, Chudgar A, Adduci A, Stone MB, Rempell JS
Evaluation of the aortic arch from the suprasternal notch view using focused cardiac ultrasound.
Journal of Emergency Medicine.
J Emerg Med. 2016 Apr;50(4):643-650
38. Morello F, Ravetti A, Nazerian P, Liedl G, Veglio MG, Battista S, Vanni S, Pivetta E, Montrucchio G, Mengozzi G, Rinaldi M, Moiraghi C, Lupia E.
Plasma Lactate Dehydrogenase Levels Predict Mortality in Acute Aortic Syndromes: A Diagnostic Accuracy and Observational Outcome Study.
Medicine (Baltimore). 2016 Feb;95(6):e2776
39. Biglia N, Sgandurra P, Bounous VE, Maggiorotto F, Piva E, Pivetta E, Ponzone R, Pasini B.
Ovarian cancer in BRCA1 and BRCA2 gene mutation carriers: analysis of prognostic factors and survival.
Ecancermedalscience. 2016 May 3;10:639.
40. Lupia E, Pigozzi L, Pivetta E, Bosco O, Vizio B, Loiacono M, Lucchiari M, Battista S, Morello F, Moiraghi C, Mengozzi G, Montrucchio G.
Thrombopoietin as early biomarker of disease severity in patients with acute pancreatitis.
Pancreas. 2017 Feb;46(2):164-169.
41. Bovaro F*, Manasievska M*, Merletti F, Ciliberto E, Maule MM, Lupia E, Pivetta E
Measures of diagnostic accuracy and clinical usefulness. Epidemiological methodologies applied to the use of lung ultrasound among heart failure patients.
Italian Journal of Emergency Medicine 2/2017
42. Greco E, Pivetta E, Spina MT, Civita M, Cibinel GA
Diagnostic and therapeutic impact of clinical bed-side ultrasonography in management of critically ill patients in High Dependency Unit
Italian Journal of Emergency Medicine 2/2017
43. Enrici Baion D, Calabrese S, Zaton Ortega L, Ferrantino L, Cauli E, Pautasso C, Prone A, Tizzani D, Ogliero G, Peloponneso V, Cerrina O, Bilanzone A, Tuttolomondo P, Lupia E, Pivetta E
Point-of-care ultrasound: an essential tool in acute care nursing? Results of a survey from Piedmont
Italian Journal of Emergency Medicine 2/2017
44. Solidoro P, Bellocchia M, Aredano I, Mattei A, Pivetta E, Patrucco F, Boita M, de Blasio F, Brussino L, Rolla G, Bucca C.
Asthmatic Patients with Vitamin D Deficiency have Decreased Exacerbations after Vitamin Replacement.
Nutrients. 2017 Nov 11;9(11). pii: E1234. doi: 10.3390/nu9111234.
45. Nazerian P, Mueller C, de Matos Soeiro A, Leidel BA, Salvadeo SAT, Giachino F, Vanni S, Grimm K, Oliveira MT Jr, Pivetta EE, Lupia E, Grifoni S, Morello F; ADVISED Investigators.
Diagnostic Accuracy of the Aortic Dissection Detection Risk Score Plus D-Dimer for Acute Aortic Syndromes: The ADVISED Prospective Multicenter Study.
Circulation. 2017 Oct 13. pii: CIRCULATIONAHA.117.029457.
46. Allione A, Pivetta E, Pizzolato E, Lorenzati B, Pomero F, Barutta L, Lauria G, Tartaglino B
Determinants of inappropriate acute pain management in old people unable to communicate verbally in the emergency department.
Turkish Journal of Emergency Medicine 2017. Volume 17, Issue 4; Pages 160–164
47. Pivetta E, Baldassa F, Masellis S, Bovaro F, Lupia E, Maule MM

Sources of variability in the detection of B-lines using lung ultrasound
Ultrasound Med Biol. 2018 Jun;44(6):1212-1216

48. Pivetta E, Goffi A, Nazerian P, Castagno D, Tozzetti C, Tizzani P, Tizzani M, Porrino G, Ferreri E, Busso V, Morello F, Paglieri C, Masoero M, Cassine E, Bovaro F, Grifoni S, Maule MM, Lupia E, on behalf of study group on lung ultrasound from the Molinette and Careggi Hospitals
Lung ultrasound integrated with clinical assessment for the diagnosis of acute decompensated heart failure in the Emergency Department. A randomized controlled trial.
Eur J Heart Fail. 2019 Jan 28. doi: 10.1002/ejhf.1379. [Epub ahead of print]
49. Ruggeri GM, Qua Hiansen J, Pivetta E, Mashari A, Ballocca F, Pinto Ribeiro RV, Xin L, Badiwala M, Thampinathan B, Meineri M.
Description of a Novel Set-Up for Functional Echocardiographic Assessment of Left Ventricular Performance During Ex Vivo Heart Perfusion.
Anesth Analg. 2018 Mar 1. doi: 10.1213/ANE.0000000000002866. [Epub ahead of print]
50. Diana P, Zampieri D, Furlani E, Pivetta E, Calabrese F, Pezzuto F, Marulli G, Rea F, Ori C, Persona P
Lung ultrasound as a monitoring tool in lung transplantation in rodents: a feasibility study.
Journal of Thoracic Disease 2018. doi: 10.21037/jtd.2018.06.52
51. Imazio M, Lazaros G, Valenti A, De Carlini CC, Maggolini S, Pivetta E, Giustetto C, Tousoulis D, Adler Y, Rinaldi M, Brucato A
Outcomes of idiopathic chronic large pericardial effusion.
Heart. 2018 Oct 1. doi: 10.1136/heartjnl-2018-313532. [Epub ahead of print]
52. Fanelli V, Costamagna A, Carosso F, Rotondo G, Pivetta EE, Panio A, Cappello P, Mazzeo AT, Del Sorbo L, Grasso S, Mascia L, Brazzi L, Romagnoli R, Salizzoni M, Ranieri MV.
Effects of liver ischemia-reperfusion injury on respiratory mechanics and driving pressure during orthotopic liver transplantation.
Minerva Anestesiol. 2019 May;85(5):494-504. doi: 10.23736/S0375-9393.18.12890-2. Epub 2018 Oct 30.
53. Naldi A, Pivetta E, Coppo L, Cantello R, Comi C, Stecco A, Cerrato P, Lesmeister M, Lochner P
Ultrasonographic monitoring of optic nerve sheath diameter and retinal vessels in patients with cerebral haemorrhage
J Neuroimaging. 2019 Feb 3. doi: 10.1111/jon.12604. [Epub ahead of print]
54. Solidoro P, Patrucco F, de Blasio F, Brussino L, Bellocchia M, Dassetto D, Pivetta E, Riccio A, Heffler E, Canonica W, Rolla G, Bucca C
Predictors of reversible airway obstruction with omalizumab in severe asthma: a real-life study.
Ther Adv Respir Dis. 2019 Jan-Dec;13:1753466619841274. doi: 10.1177/1753466619841274.
55. Nazerian P, Pivetta E, Veglia S, Cavigli E, Mueller C, de Matos Soeiro A, Leidel BA, Lupia E, Rutigliano C, Wussler D, Grifoni S, Morello F; ADvISED Investigators.
Integrated use of conventional chest radiography cannot rule out acute aortic syndromes in emergency department patients at low clinical probability.
Acad Emerg Med. 2019 Jun 20. doi: 10.1111/acem.13819.
56. Platz E, Jhund PS, Girerd N, Pivetta E, McMurray JJV, Peacock WF, Masip J, Martin-Sanchez FJ, Miró Ò, Price S, Cullen L, Maisel AS, Vrints C, Cowie MR, DiSomma S, Bueno H, Mebazaa A, Gualandro DM, Tavares M, Metra M, Coats AJS, Ruschitzka F, Seferovic PM, Mueller C; Study Group on Acute Heart Failure of the Acute Cardiovascular Care Association and the Heart Failure Association of the European Society of Cardiology.
Expert consensus document: Reporting checklist for quantification of pulmonary congestion by lung ultrasound in heart failure.
Eur J Heart Fail. 2019 Jun 19. doi: 10.1002/ejhf.1499.
57. Pasero D, Costamagna A, Marchisio A, Pivetta E, Giunta M, Fanelli V, Brazzi L
Diaphragmatic dysfunction following cardiac surgery: is bedside ultrasound evaluation effective? Results from a prospective observational study
Eur J Anaesthesiol. 2019 Aug;36(8):612-613. doi: 10.1097/EJA.0000000000000969.
58. Imazio M, Biondo A, Ricci D, Boffini M, Pivetta E, Brucato A, Giustetto C, De Ferrari GM, Rinaldi M
Contemporary biochemical analysis of normal pericardial fluid
Heart. 2019 Aug 17. pii: heartjnl-2018-314574. doi: 10.1136/heartjnl-2018-314574. [Epub ahead of print]

59. Imazio M, Andreis A, De Ferrari GM, Cremer PC, Mardigyan V, Maestroni S, Luis SA, Lopalco G, Emmi G, Lotan D, Marcolongo R, Lazaros G, De Biasio M, Cantarini L, Dagna L, Cercek AC, Pivetta E, Varma B, Berkson L, Tombetti E, Iannone F, Prisco D, Caforio ALP, Vassilopoulos D, Tousoulis D, De Luca G, Giustetto C, Rinaldi M, Oh JK, Klein AL, Brucato A, Adler Y. Anakinra for corticosteroid-dependent and colchicine-resistant pericarditis: The IRAP (International Registry of Anakinra for Pericarditis) study. *Eur J Prev Cardiol.* 2019 Oct 15;2047487319879534. doi: 10.1177/2047487319879534.
60. Imazio M, Pivetta E, Palacio Restrepo S, Sormani P, Pedrotti P, Quarta G, Brucato A, Bubbico E, Dal Corso M, Milazzo A, Quattrocchi G, Andriani M, Lobetti Bodoni L, Davini O, Sironi S, Giannattasio C, Giustetto C, Bogaert J, Adler Y, Bucciarelli Ducci C, De Ferrari GM. Usefulness of Cardiac Magnetic Resonance for Recurrent Pericarditis. *Am J Cardiol.* 2020 Jan 1;125(1):146-151. doi: 10.1016/j.amjcard.2019.09.026. Epub 2019 Oct 11.
61. Morello F, Bartalucci A, Bironzo M, Santoro M, Pivetta E, Ianniello A, Rumbolo F, Mengozzi G, Lupia E. Prospective diagnostic accuracy study of plasma soluble ST2 for diagnosis of acute aortic syndromes. *Sci Rep.* 2020 Feb 20;10(1):3103. doi: 10.1038/s41598-020-59884-6.
62. Liu RB, Tayal VS, Panebianco NL, Tung-Chen Y, Nagdev A, Shah S, Pivetta E, Henwood PC, Nelson MJ, Moore CL. Ultrasound on the Frontlines of COVID-19: Report From an International Webinar. *Acad Emerg Med.* 2020 Jun;27(6):523-526. doi: 10.1111/acem.14004. Epub 2020 Jun 9.
63. Bima P, Pivetta E, Nazerian P, Toyofuku M, Gorla R, Bossone E, Erbel R, Lupia E, Morello F. Systematic Review of Aortic Dissection Detection Risk Score Plus D-dimer for Diagnostic Rule-out Of Suspected Acute Aortic Syndromes. *Acad Emerg Med.* 2020 Mar 18. doi: 10.1111/acem.13969. Epub ahead of print.
64. Pivetta E, Girard E, Locascio F, Lupia E, Martin JD, Stone M. Self-Performed Lung Ultrasound for Home Monitoring of a Patient Positive for Coronavirus Disease 2019. *Chest.* 2020 Sep;158(3):e93-e97. doi: 10.1016/j.chest.2020.05.604.
65. Pellicori P, Platz E, Dauw J, Ter Maaten JM, Martens P, Pivetta E, Cleland JG, McMurray JJV, Mullens W, Solomon SD, Zannad F, Gargani L, Girerd N. Ultrasound imaging of congestion in heart failure - Examinations beyond the heart *Eur J Heart Fail.* 2020 Oct 29. doi: 10.1002/ehjhf.2032. Online ahead of print.
66. Pivetta E, Goffi A, Tizzani M, Locatelli S, Porrino G, Losano I, Leone D, Calzolari G, Vesan M, Steri F, Arianna A, Capuano M, Gelardi M, Silvestri G, Dutto S, Avolio M, Cavallo R, Bartalucci A, Paglieri C, Morello F, Richiardi L, Maule MM, Lupia E, on behalf of the Molinette MedUrg Group on Lung Ultrasound
Lung ultrasound for the diagnosis of SARS-CoV-2 pneumonia in the Emergency Department *Annals of Emergency Medicine.* 2021 Apr;77(4):385-394. doi:10.1016/j.annemergmed.2020.10.008. Epub 2020 Oct 13.
67. Pivetta E, Girard E, Locascio F, Lupia E, Martin JD, Stone M. Self-Performed Lung Ultrasound for Home Monitoring of a Patient Positive for Coronavirus Disease 2019. *Chest.* 2020 Sep;158(3):e93-e97. doi: 10.1016/j.chest.2020.05.604.
68. Sacerdote C, Castiglione A, Pagano E, Migliore E, Pivetta E, Auzzas GM, Brenstisci C, Brunetti F, Dafilé C, Gangemi M, Giacometti L, Gilardetti M, Martinis VH, Saccona F, Stura A, Turco D, Balestro C, Zozzoli S, Filandra U, Roggero S, Silvestre C, Scozzari G, Scaramozzino A, Ciccone G. Clinical and epidemiological characteristics associated with pneumonia at disease onset in patients admitted for COVID-19 to the Emergency Department of a large Hospital in Piedmont (North-Western Italy). *Epidemiol Prev.* 2020 Sep-Dec;44(5-6 Suppl 2):216-225. doi: 10.19191/EP20.5-6.S2.121.
69. Pivetta E
The COVID-19 pandemic: a stress test for clinical epidemiology. *Epidemiol Prev.* 2020 Sep-Dec;44(5-6 Suppl 2):28-29. doi: 10.19191/EP20.5-6.S2.100
70. 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, Breitzkreutz 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, Royce C, Chen YT, Wells M, Wong A, Xiaoting W, Zhen W, Arabi Y.
Multi-organ point-of-care ultrasound for COVID-19 (PoCUS4COVID): international expert consensus. *Crit Care*. 2020 Dec 24;24(1):702. doi: 10.1186/s13054-020-03369-5.

71. Morello F, Bima P, Pivetta E, Santoro M, Catini E, Casanova B, Leidel BA, de Matos Soeiro A, Nestelberger T, Mueller C, Grifoni S, Lupia E, Nazerian P.
Development and Validation of a Simplified Probability Assessment Score Integrated With Age-Adjusted d-Dimer for Diagnosis of Acute Aortic Syndromes.
J Am Heart Assoc. 2021 Feb 2;10(3):e018425. doi: 10.1161/JAHA.120.018425. Epub 2021 Jan 21.
72. Imazio M, Pivetta E, Andreis A, Serra C, Carbone F, Masoero M, Ottino M, Ravetti A, Renzetti A, Totaro S, Brucato A, Adler Y, Giustetto C, Rinaldi M, Lupia E, De Ferrari GM.
Incessant pericarditis as a risk factor for complicated pericarditis and hospital admission
Circulation. 2021 Jan 26;143(4):401-402. doi: 10.1161/CIRCULATIONAHA.120.051156. Epub 2021 Jan 25.
73. Nazerian P, Morello F, Prota A, Betti L, Lupia E, Apruzzese L, Oddi M, Grosso F, Grifoni S, Pivetta E and ED COVID-19 Investigators.
Diagnostic accuracy of physician's gestalt in suspected COVID-19: Prospective bicentric study
Acad Emerg Med. 2021 Feb 12. doi: 10.1111/acem.14232. Online ahead of print.
74. Morello F, Bima P, Ferreri E, Chiarlo M, Balzaretto P, Tirabassi G, Petitti P, Aprà F, Vallino D, Carbone G, Pivetta E, Lupia E
After the first wave and beyond lockdown: long-lasting changes in emergency department visit number, characteristics, diagnoses, and hospital admissions.
Intern Emerg Med. 2021 Mar 8;1-8. doi: 10.1007/s11739-021-02667-2
75. Costamagna A, Pivetta E, Goffi A, Steinberg I, Arina P, Mazzeo AT, Del Sorbo L, Veglia S, Davini O, Brazzi L, Ranieri VM, Fanelli V. Clinical performance of lung ultrasound in predicting ARDS morphology. *Ann Intensive Care*. 2021 Mar 29;11(1):51. doi: 10.1186/s13613-021-00837-1.
76. Pivetta E, Lupia E, Cerini G, Prota A, Nazerian P. Mild COVID-19 patients can be safely discharged from emergency department: prospective bicentric pilot study. *Eur J Emerg Med*. 2021 Jun 1;28(3):245-246. doi: 10.1097/MEJ.0000000000000782.
77. Chiappero C, Misseri G, Mattei A, Ippolito M, Albera C, Pivetta E, Cortegiani A, Gregoretti C. Effectiveness and safety of a new helmet CPAP configuration allowing tidal volume monitoring in patients with COVID-19. *Pulmonology*. 2021 Jul 9:S2531-0437(21)00135-5. doi: 10.1016/j.pulmoe.2021.06.012. Epub ahead of print.
78. Pivetta E, Cara I, Paglietta G, Scategni V, Labarile G, Tizzani M, Porrino G, Locatelli S, Calzolari G, Morello F, Maule MM, Lupia E. Diaphragmatic Point-of-Care Ultrasound in COVID-19 Patients in the Emergency Department-A Proof-of-Concept Study. *J Clin Med*. 2021 Nov 14;10(22):5291. doi: 10.3390/jcm10225291.
79. Pivetta E, Moretto F, Masellis S, Manasievska M, Tizzani M, Dipaola F, Bovaro F, Masoero M, Ferrera P, Morello F, Maule MM, Lupia E. Comparison between standard and ultrasound-integrated approach for risk stratification of syncope in the emergency department. *Intern Emerg Med*. 2022 Jan 22. doi: 10.1007/s11739-021-02909-3. Epub ahead of print.
80. Valeri I, Persona P, Pivetta E, De Rosa S, Cescon R, Petranzan E, Antonello M, Grego F, Navalesi P. Renal-Resistive Index and Acute Kidney Injury in Aortic Surgery: An Observational Pilot Study. *J Cardiothorac Vasc Anesth*. 2022 Jan 2;S1053-0770(21)01116-2. doi: 10.1053/j.jvca.2021.12.033. Epub ahead of print.
81. Morello F, Bima P, Giamello JD, Baricocchi D, Risi F, Vesan M, Pivetta EE, DE Stefano G, Chiarlo M, Veglia S, Schivazappa G, Mengozzi G, Lauria G, Podio S, Nazerian P, Aprà F, Ferreri E, Lupia E; CODED Study Investigators.
A 4C mortality score based dichotomic rule supports Emergency Department discharge of COVID-19 patients. *Minerva Med*. 2022 Feb 22. doi: 10.23736/S0026-4806.21.07779-X. Epub ahead of print. PMID: 35191293.
82. Goffi A, Pivetta E, Kruisselbrink R. "Ultrasound assessment of the lung". Book chapter in "Cardiopulmonary monitoring - Basic Physiology, Tools, and Bedside Management for the Critically ill", Springer, 1 ed. 2021. <https://doi-org.bibliopass.unito.it/10.1007/978-3-030-73387-2>. ISBN 978-3-030-73387-2

83. Nicastrì E, Marinangeli F, Pivetta E, Torri E, Reggiani F, Fiorentino G, Scorzolìni L, Vettori S, Marsiglia C, Gavioli EM, Beccari AR, Terpolilli G, De Pizzol M, Goisis G, Mantelli F, Vaia F, Allegretti M; Raloxifene Territorial Health COVID19 STUDY GROUP.
A phase 2 randomized, double-blinded, placebo-controlled, multicenter trial evaluating the efficacy and safety of raloxifene for patients with mild to moderate COVID-19. *EClinicalMedicine*. 2022 Jun;48:101450. doi: 10.1016/j.eclinm.2022.101450. Epub 2022 May 12. PMID: 35582123; PMCID: PMC9098200.
84. Sacerdote C, Milani L, Castiglione A, Pagano E, Migliore E, Albera C, Bo M, Brazzi L, De Rosa FG, Durazzo M, Lupia E, Montrucchio G, Pivetta E, Porta M, Scaglione L, Veglio F, Zanierato M, Ricceri F, Caramello V, Scozzari G, Scarmozzino A; Giovannino Ciccone & gruppo di lavoro COVID-EASY NET.
Risk of Intensive Care Unit admission or mortality in patients hospitalised for COVID-19 during the first two waves: an Italian cohort study. *J Infect*. 2022 Jun 30:S0163-4453(22)00379-6. doi: 10.1016/j.jinf.2022.06.023. Epub ahead of print. PMID: 35781015; PMCID: PMC9245397
85. Montrucchio G, Costamagna A, Pierani T, Petitti A, Sales G, Pivetta E, Corcione S, Curtioni A, Cavallo R, De Rosa FG, Brazzi L. Bloodstream Infections Caused by Carbapenem-Resistant Pathogens in Intensive Care Units: Risk Factors Analysis and Proposal of a Prognostic Score. *Pathogens*. 2022 Jun 23;11(7):718. doi: 10.3390/pathogens11070718. PMID: 35889963; PMCID: PMC9315650.
86. Nazerian P, Gigli C, Reissig A, Pivetta E, Vanni S, Fraccalini T, Ferraris G, Ricciardolo A, Grifoni S, Volpicelli G; WINFOCUS and US SIMEU study group. Retrospective analysis of the diagnostic accuracy of lung ultrasound for pulmonary embolism in patients with and without pleuritic chest pain. *Ultrasound J*. 2022 Aug 12;14(1):35. doi: 10.1186/s13089-022-00285-3. PMID: 35960380; PMCID: PMC9374850.
87. Lupia E, Capuano M, Vizio B, Schiavello M, Bosco O, Gelardi M, Favale E, Pivetta E, Morello F, Husain S, Keshavjee S, Del Sorbo L, Montrucchio G. Thrombopoietin participates in platelet activation in COVID-19 patients. *EBioMedicine*. 2022 Nov;85:104305. doi: 10.1016/j.ebiom.2022.104305. Epub 2022 Oct 13. PMID: 36242922 PMCID: PMC9556163
88. Pivetta E, Ravetti A, Paglietta G, Cara I, Buggè F, Scozzari G, Maule MM, Morello F, Locatelli S, Lupia E. Feasibility of Self-Performed Lung Ultrasound with Remote Teleguidance for Monitoring at Home COVID-19 Patients. *Biomedicines*. 2022 Oct 13;10(10):2569. doi: 10.3390/biomedicines10102569. PMID: 36289831
89. Persona P, Tonetti T, Valeri I, Pivetta E, Zarantonello F, Pettenuzzo T, De Cassai A, Navalesi P. Dynamic Arterial Elastance to Predict Mean Arterial Pressure Decrease after Reduction of Vasopressor in Septic Shock Patients. *Life (Basel)*. 2022 Dec 22;13(1):28. doi: 10.3390/life13010028. PMID: 36675977
90. Schiavello M, Vizio B, Bosco O, Pivetta E, Mariano F, Montrucchio G, Lupia E. Extracellular Vesicles: New Players in the Mechanisms of Sepsis- and COVID-19-Related Thromboinflammation. *Int J Mol Sci*. 2023 Jan 18;24(3):1920. doi: 10.3390/ijms24031920.
91. Morello F, Pivetta E, Lupia E. Acute heart failure in the emergency department: short stay needs rewiring. *Intern Emerg Med*. 2023 Mar 16. doi: 10.1007/s11739-023-03256-1. Online ahead of print.

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