

Bioline® heparin-coated ECMO with bivalirudin anticoagulation for the treatment of  
heparin-induced thrombocytopenia: the immune reaction

Perfusion (United Kingdom)

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Current awareness: Pharmacoepidemiology and drug safety. Pharmacoepidemiology and Drug Safety, 2010, 19, i.	1.9	0
2	Bivalirudin-based versus conventional heparin anticoagulation for postcardiotomy extracorporeal membrane oxygenation. Critical Care, 2011, 15, R275.	5.8	200
3	Bivalirudin is inferior to heparin in preservation of intraoperative autologous blood. Thrombosis Research, 2012, 130, 163-165.	1.7	16
4	Bivalirudin Versus Heparin as an Anticoagulant During Extracorporeal Membrane Oxygenation: A Case-Control Study. Journal of Cardiothoracic and Vascular Anesthesia, 2013, 27, 30-34.	1.3	159
6	ECMO cannula review. Perfusion (United Kingdom), 2013, 28, 114-124.	1.0	62
7	A new phosphorylcholine-coated polymethylpentene oxygenator for extracorporeal membrane oxygenation: a preliminary experience. Perfusion (United Kingdom), 2013, 28, 132-137.	1.0	32
8	Bivalirudin in Pediatric Patients Maintained on Extracorporeal Life Support. Pediatric Critical Care Medicine, 2013, 14, e182-e188.	0.5	90
9	Veno-Arterial Extracorporeal Membrane Oxygenation for Refractory Cardiogenic Shock and Cardiac Arrest. , 2013, , .		0
10	Veno-venous ECMO: a synopsis of nine key potential challenges, considerations, and controversies. BMC Anesthesiology, 2014, 14, 65.	1.8	45
11	Development and hemocompatibility testing of nitric oxide releasing polymers using a rabbit model of thrombogenicity. Journal of Biomaterials Applications, 2014, 29, 479-501.	2.4	33
12	Anticoagulation for Critically Ill Cardiac Surgery Patients: Is Primary Bivalirudin the Next Step?. Journal of Cardiothoracic and Vascular Anesthesia, 2014, 28, 1013-1017.	1.3	17
13	Heparin-Induced Thrombocytopenia During Extracorporeal Membrane Oxygenation. Journal of Cardiothoracic and Vascular Anesthesia, 2014, 28, 342-344.	1.3	21
14	A case of antithrombin replacement using recombinant human antithrombin in an adult patient supported with extracorporeal membrane oxygenation. Clinical Case Reports (discontinued), 2015, 3, 702-704.	0.5	5
15	Plasma Exchange on Venovenous Extracorporeal Membrane Oxygenation With Bivalirudin Anticoagulation. World Journal for Pediatric & Congenital Heart Surgery, 2015, 6, 119-122.	0.8	23
16	Do We Need Heparin Coating for Extracorporeal Membrane Oxygenation? New Concepts and Controversial Positions About Coating Surfaces of Extracorporeal Circuits. Artificial Organs, 2015, 39, 176-179.	1.9	52
17	Extracorporeal Membrane Oxygenation—Hemostatic Complications. Transfusion Medicine Reviews, 2015, 29, 90-101.	2.0	329
18	Platelet Count Trends and Prevalence of Heparin-Induced Thrombocytopenia in a Cohort of Extracorporeal Membrane Oxygenator Patients. Critical Care Medicine, 2016, 44, e1031-e1037.	0.9	38
19	Advanced extracorporeal therapy in trauma. Current Opinion in Critical Care, 2016, 22, 578-583.	3.2	20

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20	Significantly reduced adsorption and activation of blood components in a membrane oxygenator system coated with crosslinkable zwitterionic copolymer. <i>Acta Biomaterialia</i> , 2016, 40, 153-161.	8.3	34
21	Circuits, Membranes, and Pumps. <i>Respiratory Medicine</i> , 2016, , 147-161.	0.1	0
22	Bivalirudin for Alternative Anticoagulation in Extracorporeal Membrane Oxygenation: A Systematic Review. <i>Journal of Intensive Care Medicine</i> , 2017, 32, 312-319.	2.8	127
23	Heparin induced thrombocytopenia with mechanical circulatory support devices: review of the literature and management considerations. <i>Journal of Thrombosis and Thrombolysis</i> , 2017, 44, 76-87.	2.1	14
24	Argatroban for an alternative anticoagulant in HIT during ECMO. <i>Journal of Intensive Care</i> , 2017, 5, 39.	2.9	32
25	Evaluation of Systemic Heparin Versus Bivalirudin in Adult Patients Supported by Extracorporeal Membrane Oxygenation. <i>ASAIO Journal</i> , 2018, 64, 623-629.	1.6	82
26	VV extracorporeal life support for the Third Millennium: will we need anticoagulation?. <i>Journal of Thoracic Disease</i> , 2018, 10, S698-S706.	1.4	6
27	Novel Surfaces in Extracorporeal Membrane Oxygenation Circuits. <i>Frontiers in Medicine</i> , 2018, 5, 321.	2.6	82
28	Heparin-induced thrombocytopenia complicating extracorporeal membrane oxygenation support in pediatric patients: review of the literature and alternative anticoagulants. <i>Perfusion (United Kingdom)</i> , 2018, 33, 417-427.	1.5	17
29	Heparin-induced thrombocytopenia complicating extracorporeal membrane oxygenation support: Review of the literature and alternative anticoagulants. <i>Journal of Thrombosis and Haemostasis</i> , 2019, 17, 1608-1622.	3.8	45
30	Heparin-induced thrombocytopenia in patients on extracorporeal membrane oxygenation and the role of a heparin-bonded circuit. <i>Perfusion (United Kingdom)</i> , 2019, 34, 584-589.	1.0	15
31	Overview of Pharmacological Considerations in Extracorporeal Membrane Oxygenation. <i>Critical Care Nurse</i> , 2019, 39, 29-43.	1.0	9
32	Pediatric Critical Care. , 2019, , .		3
33	Tethered liquid omniphobic surface coating reduces surface thrombogenicity, delays clot formation and decreases clot strength ex vivo. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020, 108, 496-502.	3.4	14
34	Management of Bivalirudin Anticoagulation Therapy for Extracorporeal Membrane Oxygenation in Heparin-Induced Thrombocytopenia: A Case Report and a Systematic Review. <i>Frontiers in Pharmacology</i> , 2020, 11, 565013.	3.5	7
35	Toward an artificial endothelium: Development of blood-compatible surfaces for extracorporeal life support. <i>Journal of Trauma and Acute Care Surgery</i> , 2020, 89, S59-S68.	2.1	24
36	Frequency of Thrombocytopenia and Heparin-Induced Thrombocytopenia in Patients Receiving Extracorporeal Membrane Oxygenation Compared With Cardiopulmonary Bypass and the Limited Sensitivity of Pretest Probability Score. <i>Critical Care Medicine</i> , 2020, 48, e371-e379.	0.9	17
37	Anticoagulation in ECMO patients: an overview. <i>Indian Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 37, 241-247.	0.6	15

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38	Basics of extra corporeal membrane oxygenation: a pediatric intensivistâ€™s perspective. Perfusion (United Kingdom), 2022, 37, 439-455.	1.0	2
39	Anticoagulation in Critically Ill Adults during Extracorporeal Circulation. Hamostaseologie, 2021, 41, 294-306.	1.9	7
41	Can Heparin-Coated ECMO Cannulas Induce Thrombocytopenia in COVID-19 Patients?. Case Reports in Immunology, 2021, 2021, 1-5.	0.4	6
42	Monitoring the ECMO Patient: The Extracorporeal Circuit. , 2014, , 401-411.		4
43	Anticoagulation with direct thrombin inhibitors during extracorporeal membrane oxygenation. World Journal of Critical Care Medicine, 2019, 8, 87-98.	1.8	46
44	Drugs and ECMO. , 2014, , 2767-2780.		0
45	Extra-Corporeal Membrane Oxygenation. , 2014, , 2723-2754.		0
46	Coagulation, Anticoagulation, and Inflammatory Response. , 2014, , 77-90.		1
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49	Suspected Heparin-Induced Thrombocytopenia in Patients Receiving Extracorporeal Membrane Oxygenation. Journal of Extra-Corporeal Technology, 2017, 49, 54-58.	0.4	7
50	Development and <i>In Vitro</i> Whole Blood Hemocompatibility Screening of Endothelium-Mimetic Multifunctional Coatings. ACS Applied Bio Materials, 2022, 5, 2212-2223.	4.6	7
51	The Efficacy and Safety of Bivalirudin Versus Heparin in the Anticoagulation Therapy of Extracorporeal Membrane Oxygenation: A Systematic Review and Meta-Analysis. Frontiers in Pharmacology, 2022, 13, 771563.	3.5	15
53	Use of nafamostat mesilate for anticoagulation during extracorporeal membrane oxygenation: A systematic review. Artificial Organs, 2022, 46, 2371-2381.	1.9	21
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55	Biting Innovations of Mosquito-Based Biomaterials and Medical Devices. Materials, 2022, 15, 4587.	2.9	2
56	Circuits, Membranes, and Pumps. Respiratory Medicine, 2022, , 63-79.	0.1	0
57	Anticoagulation Management during Extracorporeal Membrane Oxygenationâ€™A Mini-Review. Medicina (Lithuania), 2022, 58, 1783.	2.0	1

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58	Comparison of bivalirudin versus heparin in adult extracorporeal membrane oxygenation anticoagulant therapy: A retrospective case-control study. International Journal of Artificial Organs, 0, , 039139882211487.	1.4	2
59	Future artificial surface physiology. , 2023, , 25-35.		0
60	Current and future strategies to monitor and manage coagulation in ECMO patients. Thrombosis Journal, 2023, 21, .	2.1	9
61	Sustaining Life versus Altering Life-Saving Drugs: Insights to Explain the Paradoxical Effect of Extracorporeal Membrane Oxygenation on Drugs. Journal of Clinical Medicine, 2023, 12, 3748.	2.4	0
62	Commercial and novel anticoagulant ECMO coatings: a review. Journal of Materials Chemistry B, 2023, 11, 4832-4841.	5.8	1
63	Suspected Heparin-Induced Thrombocytopenia in Patients Receiving Extracorporeal Membrane Oxygenation. Journal of Extra-Corporeal Technology, 2017, 49, 54-58.	0.4	19