

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

Perfusion (United Kingdom)

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Bivalirudin-based versus conventional heparin anticoagulation for postcardiotomy extracorporeal membrane oxygenation. <i>Critical Care</i> , 2011, 15, R275.	2.5	200
3	Bivalirudin is inferior to heparin in preservation of intraoperative autologous blood. <i>Thrombosis Research</i> , 2012, 130, 163-165.	0.8	16
4	Bivalirudin Versus Heparin as an Anticoagulant During Extracorporeal Membrane Oxygenation: A Case-Control Study. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2013, 27, 30-34.	0.6	159
6	ECMO cannula review. <i>Perfusion (United Kingdom)</i> , 2013, 28, 114-124.	0.5	62
7	A new phosphorylcholine-coated polymethylpentene oxygenator for extracorporeal membrane oxygenation: a preliminary experience. <i>Perfusion (United Kingdom)</i> , 2013, 28, 132-137.	0.5	32
8	Bivalirudin in Pediatric Patients Maintained on Extracorporeal Life Support. <i>Pediatric Critical Care Medicine</i> , 2013, 14, e182-e188.	0.2	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. <i>BMC Anesthesiology</i> , 2014, 14, 65.	0.7	45
11	Development and hemocompatibility testing of nitric oxide releasing polymers using a rabbit model of thrombogenicity. <i>Journal of Biomaterials Applications</i> , 2014, 29, 479-501.	1.2	33
12	Anticoagulation for Critically Ill Cardiac Surgery Patients: Is Primary Bivalirudin the Next Step?. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2014, 28, 1013-1017.	0.6	17
13	Heparin-Induced Thrombocytopenia During Extracorporeal Membrane Oxygenation. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2014, 28, 342-344.	0.6	21
14	A case of antithrombin replacement using recombinant human antithrombin in an adult patient supported with extracorporeal membrane oxygenation. <i>Clinical Case Reports (discontinued)</i> , 2015, 3, 702-704.	0.2	5
15	Plasma Exchange on Venovenous Extracorporeal Membrane Oxygenation With Bivalirudin Anticoagulation. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2015, 6, 119-122.	0.3	23
16	Do We Need Heparin Coating for Extracorporeal Membrane Oxygenation? New Concepts and Controversial Positions About Coating Surfaces of Extracorporeal Circuits. <i>Artificial Organs</i> , 2015, 39, 176-179.	1.0	52
17	Extracorporeal Membrane Oxygenationâ€™ Hemostatic Complications. <i>Transfusion Medicine Reviews</i> , 2015, 29, 90-101.	0.9	329
18	Platelet Count Trends and Prevalence of Heparin-Induced Thrombocytopenia in a Cohort of Extracorporeal Membrane Oxygenator Patients. <i>Critical Care Medicine</i> , 2016, 44, e1031-e1037.	0.4	38
19	Advanced extracorporeal therapy in trauma. <i>Current Opinion in Critical Care</i> , 2016, 22, 578-583.	1.6	20
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.	4.1	34

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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.	1.3	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.	1.0	14
24	Argatroban for an alternative anticoagulant in HIT during ECMO. <i>Journal of Intensive Care</i> , 2017, 5, 39.	1.3	32
25	Evaluation of Systemic Heparin Versus Bivalirudin in Adult Patients Supported by Extracorporeal Membrane Oxygenation. <i>ASAIO Journal</i> , 2018, 64, 623-629.	0.9	82
26	VV extracorporeal life support for the Third Millennium: will we need anticoagulation?. <i>Journal of Thoracic Disease</i> , 2018, 10, S698-S706.	0.6	6
27	Novel Surfaces in Extracorporeal Membrane Oxygenation Circuits. <i>Frontiers in Medicine</i> , 2018, 5, 321.	1.2	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> 10.784314/perf.10.10.10.10	0.5	10
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.	1.9	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.	0.5	15
31	Overview of Pharmacological Considerations in Extracorporeal Membrane Oxygenation. <i>Critical Care Nurse</i> , 2019, 39, 29-43.	0.5	9
32	<i>Pediatric Critical Care</i> , 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.	1.6	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.	1.6	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.	1.1	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.	0.4	17
37	Anticoagulation in ECMO patients: an overview. <i>Indian Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 37, 241-247.	0.2	15
38	Basics of extra corporeal membrane oxygenation: a pediatric intensivists' perspective. <i>Perfusion (United Kingdom)</i> , 2022, 37, 439-455.	0.5	2

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39	Anticoagulation in Critically Ill Adults during Extracorporeal Circulation. <i>Hamostaseologie</i> , 2021, 41, 294-306.	0.9	7
41	Can Heparin-Coated ECMO Cannulas Induce Thrombocytopenia in COVID-19 Patients?. <i>Case Reports in Immunology</i> , 2021, 2021, 1-5.	0.2	6
42	Monitoring the ECMO Patient: The Extracorporeal Circuit. , 2014, , 401-411.		4
43	Anticoagulation with direct thrombin inhibitors during extracorporeal membrane oxygenation. <i>World Journal of Critical Care Medicine</i> , 2019, 8, 87-98.	0.8	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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48	Evaluation of the antithrombogenicity of poly-2-methoxyethylacrylate-coated catheters. <i>Journal of Vascular Access</i> , 2020, , 112972982098317.	0.5	1
49	Suspected Heparin-Induced Thrombocytopenia in Patients Receiving Extracorporeal Membrane Oxygenation. <i>Journal of Extra-Corporeal Technology</i> , 2017, 49, 54-58.	0.2	7
50	Development and <i>In Vitro</i> Whole Blood Hemocompatibility Screening of Endothelium-Mimetic Multifunctional Coatings. <i>ACS Applied Bio Materials</i> , 2022, 5, 2212-2223.	2.3	7
51	The Efficacy and Safety of Bivalirudin Versus Heparin in the Anticoagulation Therapy of Extracorporeal Membrane Oxygenation: A Systematic Review and Meta-Analysis. <i>Frontiers in Pharmacology</i> , 2022, 13, 771563.	1.6	15
53	Use of nafamostat mesilate for anticoagulation during extracorporeal membrane oxygenation: A systematic review. <i>Artificial Organs</i> , 2022, 46, 2371-2381.	1.0	21
54	Evaluation of anticoagulation with bivalirudin for heparin-induced thrombocytopenia during extracorporeal membrane oxygenation. <i>International Journal of Artificial Organs</i> , 2022, 45, 688-694.	0.7	3
55	Biting Innovations of Mosquito-Based Biomaterials and Medical Devices. <i>Materials</i> , 2022, 15, 4587.	1.3	2
56	Circuits, Membranes, and Pumps. <i>Respiratory Medicine</i> , 2022, , 63-79.	0.1	0
57	Anticoagulation Management during Extracorporeal Membrane Oxygenation—A Mini-Review. <i>Medicina (Lithuania)</i> , 2022, 58, 1783.	0.8	1
58	Comparison of bivalirudin versus heparin in adult extracorporeal membrane oxygenation anticoagulant therapy: A retrospective case-control study. <i>International Journal of Artificial Organs</i> , 2022, 45, 039139882211487.	0.7	2

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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, .	0.9	9
62	Commercial and novel anticoagulant ECMO coatings: a review. Journal of Materials Chemistry B, 2023, 11, 4832-4841.	2.9	1