Association of Postoperative High-Sensitivity Troponin 30-Day Mortality Among Patients Undergoing Noncard

JAMA - Journal of the American Medical Association 317, 1642

DOI: 10.1001/jama.2017.4360

Citation Report

#	Article	IF	CITATIONS
1	High-Sensitivity Cardiac Troponin Risk Cutoffs for Acute Cardiac Outcomes at Emergency Department Presentation. Canadian Journal of Cardiology, 2017, 33, 898-903.	1.7	20
2	Time to dot the I's and cross the T's of high-sensitivity cardiac troponin. Journal of Thoracic and Cardiovascular Surgery, 2017, 154, 904-905.	0.8	4
3	High-Sensitivity Cardiac Troponin for the Diagnosis of Patients with Acute Coronary Syndromes. Current Cardiology Reports, 2017, 19, 92.	2.9	37
4	High-Sensitivity Troponin Levels, Ischemia, and Mortality. JAMA - Journal of the American Medical Association, 2017, 318, 864.	7.4	O
5	Perioperative myocardial infarction: in the twilight zone between surgery and cardiology. European Heart Journal, 2017, 38, 2418-2420.	2.2	2
6	Early troponin I in critical illness and its association with hospital mortality: a cohort study. Critical Care, 2017, 21, 216.	5.8	22
7	Post-operative high sensitivity troponin T (hsTnT): toward an extending use for diagnosis and management of myocardial injury after noncardiac surgery?. Journal of Thoracic Disease, 2017, 9, 2231-2234.	1.4	3
8	Preoperative Midregional Pro-Adrenomedullin and High-Sensitivity Troponin T Predict Perioperative Cardiovascular Events in Noncardiac Surgery. Medical Principles and Practice, 2018, 27, 278-284.	2.4	13
9	Type 2 Perioperative Myocardial Infarction. Anesthesiology, 2018, 128, 1055-1059.	2.5	1
10	Cardiac risk in non-cardiac surgery: A review. Trends in Anaesthesia and Critical Care, 2018, 21, 6-12.	0.9	1
11	Postoperative Troponin Elevation, Myocardial Injury, and Pulmonary Embolism. Anesthesia and Analgesia, 2018, 126, 1435-1437.	2.2	1
12	Impact of the US Food and Drug Administration–Approved Sex-Specific Cutoff Values for High-Sensitivity Cardiac Troponin T to Diagnose Myocardial Infarction. Circulation, 2018, 137, 1867-1869.	1.6	18
13	Design of a Randomized Placebo-Controlled Trial to Assess Dabigatran and Omeprazole in Patients with Myocardial Injury after Noncardiac Surgery (MANAGE). Canadian Journal of Cardiology, 2018, 34, 295-302.	1.7	25
14	Preoperative Cardiac Evaluation of the Patient Undergoing Noncardiac Surgery. Current Anesthesiology Reports, 2018, 8, 14-24.	2.0	1
15	Myocardial Infarction After Vascular Surgery. JAMA Surgery, 2018, 153, 496.	4.3	5
16	High-sensitivity cardiac troponin T in young, healthy adults undergoing non-cardiac surgery. British Journal of Anaesthesia, 2018, 120, 291-298.	3.4	12
17	Incidence of thrombosis in perioperative and non-operative myocardial infarction. British Journal of Anaesthesia, 2018, 120, 725-733.	3.4	64
18	Trends in cardiovascular risk factor and disease prevalence in patients undergoing non-cardiac surgery. Heart, 2018, 104, 1180-1186.	2.9	66

#	ARTICLE	IF	Citations
19	Prognostic value of postoperative high-sensitivity troponin T in patients with different stages of kidney disease undergoing noncardiac surgery. British Journal of Anaesthesia, 2018, 120, 84-93.	3.4	17
20	Cardiovascular complications after nonâ€cardiac surgery. Anaesthesia, 2018, 73, 34-42.	3.8	70
21	Colchicine for Prevention of Perioperative Atrial Fibrillation in patients undergoing lung resection surgery: a pilot randomized controlled study. European Journal of Cardio-thoracic Surgery, 2018, 53, 945-951.	1.4	21
22	Pre-operative evaluation of adults undergoing elective noncardiac surgery. European Journal of Anaesthesiology, 2018, 35, 407-465.	1.7	268
23	Postoperative Remote Automated Monitoring: Need for and State of the Science. Canadian Journal of Cardiology, 2018, 34, 850-862.	1.7	43
24	Hospital Readmission After Perioperative Acute Myocardial Infarction Associated With Noncardiac Surgery. Circulation, 2018, 137, 2332-2339.	1.6	40
25	High-Sensitivity Troponin in Noncardiac Surgery. Circulation, 2018, 137, 1233-1235.	1.6	3
26	Myocardial Injury is More Common than Deep Venous Thrombosis after Vascular Surgery and is Associated with a High One Year Mortality Risk. European Journal of Vascular and Endovascular Surgery, 2018, 56, 264-270.	1.5	15
27	Postoperative Myocardial Infarction in Administrative Data vs Clinical Registry: A Multi-Institutional Study. Journal of the American College of Surgeons, 2018, 226, 14-21.	0.5	5
28	Myocardial injury after endovascular revascularization in critical limb ischemia predicts 1-year mortality: a prospective observational cohort study. Clinical Research in Cardiology, 2018, 107, 319-328.	3.3	15
29	Perioperative Myocardial Injury After Noncardiac Surgery. Circulation, 2018, 137, 1221-1232.	1.6	337
30	Treatment and outcomes of type 2 myocardial infarction and myocardial injury compared with type 1 myocardial infarction. Coronary Artery Disease, 2018, 29, 46-52.	0.7	44
31	Myocardial injury after non cardiac surgery: troponin assay is not enough… We need perioperative bearings. Minerva Anestesiologica, 2018, 84, 1131-1133.	1.0	3
32	Improving the care for elective surgical patients: post-operative ICU admission and outcome. Journal of Thoracic Disease, 2018, 10, S1047-S1049.	1.4	3
33	Prevention of post-operative complications by using a HMG-CoA reductase inhibitor in patients undergoing one-lung ventilation for non-cardiac surgery: study protocol for a randomised controlled trial. Trials, 2018, 19, 690.	1.6	2
34	Mild Perioperative Hypothermia and Myocardial Injury. Anesthesia and Analgesia, 2018, 127, 1335-1341.	2.2	9
35	The prevalence of cardiovascular autonomic neuropathy and its influence on post induction hemodynamic variables in patients with and without diabetes; A prospective cohort study. PLoS ONE, 2018, 13, e0207384.	2.5	1
37	Periprocedural Stroke and Myocardial Infarction as Risks for Long-Term Mortality in CREST. Circulation: Cardiovascular Quality and Outcomes, 2018, 11, e004663.	2.2	18

#	ARTICLE	IF	CITATIONS
38	Anesthesia Duration Does Not Exist in a Surgical Vacuumâ€Reply. JAMA Facial Plastic Surgery, 2018, 20, 525-526.	2.1	O
39	Myocardial injury after non-cardiac surgery: a perioperative affair?. Minerva Anestesiologica, 2018, 84, 1209-1218.	1.0	9
40	Association of preoperative anaemia with postoperative morbidity and mortality: an observational cohort study in low-, middle-, and high-income countries. British Journal of Anaesthesia, 2018, 121, 1227-1235.	3.4	54
41	Who is a high-risk surgical patient?. Current Opinion in Critical Care, 2018, 24, 547-553.	3.2	24
42	Association of pre-operative troponin levels with major adverse cardiac events and mortality after noncardiac surgery. European Journal of Anaesthesiology, 2018, 35, 815-824.	1.7	25
43	Are high-sensitivity troponins always reliable? Donor-recipient troponin transfusion in liver transplantation. British Journal of Anaesthesia, 2018, 121, 1212-1214.	3.4	3
44	Antiplatelet agents in perioperative noncardiac surgeries: to maintain or to suspend?. Therapeutics and Clinical Risk Management, 2018, Volume 14, 1887-1895.	2.0	7
45	Unrecognised myocardial infarction and its relationship to outcome in critically ill patients with cardiovascular disease. Intensive Care Medicine, 2018, 44, 2059-2069.	8.2	10
46	Peri-operative copeptin concentrations and their association with myocardial injury after vascular surgery. European Journal of Anaesthesiology, 2018, 35, 682-690.	1.7	11
47	Suboptimal Outcome of Myocardial Infarction After Noncardiac Surgery. Circulation, 2018, 137, 2340-2343.	1.6	7
48	Diastolic Dysfunction Is a Risk of Perioperative Myocardial Injury Assessed by High-Sensitivity Cardiac Troponin T in Elderly Patients Undergoing Non-Cardiac Surgery. Circulation Journal, 2018, 82, 775-782.	1.6	21
49	Should detectable cardiac troponin concentrations in a healthy population be the only criterion for classifying high-sensitivity cardiac troponin assays?. Clinical Biochemistry, 2018, 56, 1-3.	1.9	8
50	Profile of Roche's Elecsys Troponin T Gen 5 STAT blood test (a high-sensitivity cardiac troponin assay) for diagnosing myocardial infarction in the emergency department. Expert Review of Molecular Diagnostics, 2018, 18, 481-489.	3.1	19
51	Continuous vital sign monitoring after major abdominal surgeryâ€"Quantification of micro events. Acta Anaesthesiologica Scandinavica, 2018, 62, 1200-1208.	1.6	36
52	Upregulation of vascular endothelial growth factor receptor-1 contributes to sevoflurane preconditioning–mediated cardioprotection. Drug Design, Development and Therapy, 2018, Volume 12, 769-776.	4.3	17
53	Association of preoperative glucose concentration with myocardial injury and death after non-cardiac surgery (GlucoVISION): a prospective cohort study. Lancet Diabetes and Endocrinology,the, 2018, 6, 790-797.	11.4	24
54	Remote ischemic preconditioning for cardioprotection in elective inpatient abdominal surgery $\hat{a}\in$ a randomized controlled trial. BMC Anesthesiology, 2018, 18, 76.	1.8	8
55	Comparison of high-sensitivity cardiac troponin I and T for the prediction of cardiac complications after non-cardiac surgery. American Heart Journal, 2018, 203, 67-73.	2.7	31

#	Article	IF	CITATIONS
56	Cardiac impact of R-wave triggered irreversible electroporation therapy. Heart Rhythm, 2018, 15, 1872-1879.	0.7	7
57	Comprehensive Preoperative Assessment and Global Optimization. Anesthesiology Clinics, 2018, 36, 259-280.	1.4	9
58	The Fourth Edition of the Universal Definition of Myocardial Infarction. American Journal of Medicine, 2018, 131, 1265-1266.	1.5	20
59	Preoperative hyperglycaemia and risk of myocardial injury after non-cardiac surgery. Lancet Diabetes and Endocrinology,the, 2018, 6, 757-759.	11.4	1
60	Fourth Universal Definition of Myocardial Infarction (2018). Journal of the American College of Cardiology, 2018, 72, 2231-2264.	2.8	2,285
61	Fourth Universal Definition of Myocardial Infarction (2018). Circulation, 2018, 138, e618-e651.	1.6	1,858
62	Fourth Universal Definition of Myocardial Infarction (2018)., 2018, 13, 305-338.		237
63	Prognostic Role of High-sensitivity Cardiac Troponin I and Soluble Suppression of Tumorigenicity-2 in Surgical Intensive Care Unit Patients Undergoing Non-cardiac Surgery. Annals of Laboratory Medicine, 2018, 38, 204-211.	2.5	9
64	Perioperative myocardial injury and the contribution of hypotension. Intensive Care Medicine, 2018, 44, 811-822.	8.2	108
65	Dabigatran in patients with myocardial injury after non-cardiac surgery (MANAGE): an international, randomised, placebo-controlled trial. Lancet, The, 2018, 391, 2325-2334.	13.7	236
66	Troponin assays: developing indications. Lancet, The, 2018, 391, 2398-2399.	13.7	10
67	Prolonged vasopressor support during hipâ€fracture surgery is a risk factor for enhanced mortality. Acta Anaesthesiologica Scandinavica, 2019, 63, 46-54.	1.6	3
68	Left ventricular strain analysis using cardiac magnetic resonance imaging in patients undergoing inâ€eentre nocturnal haemodialysis. Nephrology, 2019, 24, 557-563.	1.6	5
69	Fourth universal definition of myocardial infarction (2018). European Heart Journal, 2019, 40, 237-269.	2.2	2,687
70	Association between complications and death within 30 days after noncardiac surgery. Cmaj, 2019, 191, E830-E837.	2.0	181
71	Postoperative shared-care for patients undergoing non-cardiac surgery: a systematic review and meta-analysis. Canadian Journal of Anaesthesia, 2019, 66, 1095-1105.	1.6	4
72	Examining Risk: A Systematic Review of Perioperative Cardiac Risk Prediction Indices. Mayo Clinic Proceedings, 2019, 94, 2277-2290.	3.0	10
73	Perioperative myocardial injury after noncardiac surgery: An easily ignored and challenging problem. International Journal of Cardiology, 2019, 292, 42.	1.7	2

#	Article	IF	CITATIONS
74	Postoperative Cardiac Troponin I Thresholds Associated With 1-Year Cardiac Mortality After Adult Cardiac Surgery: An Attempt to Link Risk Stratification With Management Stratification in an Observational Study. Journal of Cardiothoracic and Vascular Anesthesia, 2019, 33, 3320-3330.	1.3	1
75	Postoperative ward monitoring – Why and what now?. Bailliere's Best Practice and Research in Clinical Anaesthesiology, 2019, 33, 229-245.	4.0	16
76	Perioperative myocardial injury in revascularized coronary patients who undergo noncardiac surgery. PLoS ONE, 2019, 14, e0219043.	2.5	6
77	Incidence and predictors of myocardial and kidney injury following endovascular aortic repair: a retrospective cohort study. Canadian Journal of Anaesthesia, 2019, 66, 1338-1346.	1.6	6
78	External validation of the Revised Cardiac Risk Index and National Surgical Quality Improvement Program Myocardial Infarction and Cardiac Arrest calculator in noncardiac vascular surgery. British Journal of Anaesthesia, 2019, 123, 421-429.	3.4	35
79	Pre-Operative Risk Prediction. Journal of the American College of Cardiology, 2019, 73, 3079-3081.	2.8	1
80	Myocardial Injury After Noncardiac Surgery. Could Dabigatran Be a First Step in Its Management?. Revista Espanola De Cardiologia (English Ed), 2019, 72, 803-805.	0.6	0
81	Methylprednisolone and inflammatory stress response in older people undergoing surgery for hip fracture: a secondary analysis of a randomized controlled trial. European Geriatric Medicine, 2019, 10, 913-921.	2.8	5
82	Preoperative biomarker evaluation for the prediction of cardiovascular events after major vascular surgery. Journal of Vascular Surgery, 2019, 70, 1564-1575.	1.1	5
84	Peri-operative endothelial dysfunction in patients undergoing minor abdominal surgery. European Journal of Anaesthesiology, 2019, 36, 130-134.	1.7	12
86	High-sensitivity troponin testing months after an acute coronary syndrome: noise or notable results. Heart, 2019, 105, 1688-1690.	2.9	2
87	Postoperative Myocardial Injury Does Not Predict Early and 1-Year Mortality After Living Donor Liver Transplantation. Transplantation Proceedings, 2019, 51, 2478-2481.	0.6	3
88	Redefining the perioperative stress response: a narrative review. British Journal of Anaesthesia, 2019, 123, 570-583.	3.4	77
89	Risks of noncardiac surgery early after percutaneous coronary intervention. American Heart Journal, 2019, 217, 64-71.	2.7	12
90	Acquired loss of cardiac vagal activity is associated with myocardial injury in patients undergoing noncardiac surgery: prospective observational mechanistic cohort study. British Journal of Anaesthesia, 2019, 123, 758-767.	3.4	15
91	<p>Cardioprotective effect of transcutaneous electrical acupuncture point stimulation on perioperative elderly patients with coronary heart disease: a prospective, randomized, controlled clinical trial</p> . Clinical Interventions in Aging, 2019, Volume 14, 1607-1614.	2.9	14
92	Prognostic effect of troponin elevation in patients undergoing carotid endarterectomy with regional anesthesia – A prospective study. International Journal of Surgery, 2019, 71, 66-71.	2.7	14
93	Postoperative troponin release is associated with major adverse cardiovascular events in the first year after noncardiac surgery. International Journal of Cardiology, 2019, 280, 8-13.	1.7	17

#	Article	IF	CITATIONS
95	Age of patients undergoing surgery. British Journal of Surgery, 2019, 106, 1012-1018.	0.3	207
96	Post-surgery mortality in Poland – Author's reply. Lancet, The, 2019, 393, 2034-2035.	13.7	0
97	Hypotension Prediction Index software for management of hypotension during moderate- to high-risk noncardiac surgery: protocol for a randomized trial. Trials, 2019, 20, 255.	1.6	21
98	Prognostic performance of preoperative cardiac troponin and perioperative changes in cardiac troponin for the prediction of major adverse cardiac events and mortality in noncardiac surgery: A systematic review and meta-analysis. PLoS ONE, 2019, 14, e0215094.	2.5	33
99	Rationale and design of the HIP fracture Accelerated surgical TreaTment And Care track (HIP ATTACK) Trial: a protocol for an international randomised controlled trial evaluating early surgery for hip fracture patients. BMJ Open, 2019, 9, e028537.	1.9	16
100	Chronotropic incompetence and myocardial injury after noncardiac surgery: planned secondary analysis of a prospective observational international cohort study. British Journal of Anaesthesia, 2019, 123, 17-26.	3.4	11
101	Pre-Operative Cardiovascular Testing and Post-Renal Transplant Clinical Outcomes. Cardiovascular Revascularization Medicine, 2019, 20, 588-593.	0.8	8
102	Hospital costs associated with intraoperative hypotension among non-cardiac surgical patients in the US: a simulation model. Journal of Medical Economics, 2019, 22, 645-651.	2.1	9
103	A survey of anaesthetists' use of tranexamic acid in noncardiac surgery. Anaesthesia and Intensive Care, 2019, 47, 76-84.	0.7	12
104	Analysis of the 4th Universal Definition of Myocardial Infarction—Key Concepts and Perioperative Implications. Journal of Cardiothoracic and Vascular Anesthesia, 2019, 33, 3486-3495.	1.3	4
105	Lesión miocárdica tras la cirugÃa no cardiaca: ¿el dabigatrán puede ser un primer paso para su tratamiento?. Revista Espanola De Cardiologia, 2019, 72, 803-805.	1.2	0
106	The occurrence of myocardial injury after carotid endarterectomy. European Journal of Anaesthesiology, 2019, 36, 617-618.	1.7	1
107	Surgical Special Care Units. Anesthesia and Analgesia, 2019, 128, 396-398.	2.2	1
108	Unrecognized obstructive sleep apnea in surgery: we can't afford to sleep on it any longer. Journal of Thoracic Disease, 2019, 11, E235-E238.	1.4	1
109	Effects of Volatile versus Total Intravenous Anesthesia on Occurrence of Myocardial Injury after Non-Cardiac Surgery. Journal of Clinical Medicine, 2019, 8, 1999.	2.4	14
110	Dabigatran in patients with myocardial injury after non-cardiac surgery. Report on the MANAGE Trial. Revista Española De AnestesiologÃa Y Reanimación (English Edition), 2019, 66, 455-458.	0.1	0
111	The concept of peri-operative medicine to prevent major adverse events and improve outcome in surgical patients. European Journal of Anaesthesiology, 2019, 36, 889-903.	1.7	22
112	Intra-operative heart rate and postoperative outcomes – rowing against the tide?. European Journal of Anaesthesiology, 2019, 36, 90-92.	1.7	3

#	Article	IF	CITATIONS
113	Myocardial injury in noncardiac surgery in Sweden. European Journal of Anaesthesiology, 2019, 36, 383-385.	1.7	0
114	Myocardial Injury After Noncardiac Surgery: A Systematic Review and Meta-Analysis. Cardiology in Review, 2019, 27, 267-273.	1.4	94
115	Preoperative Assessment of Functional Capacity. Anesthesiology, 2019, 131, 960-961.	2.5	2
116	The effect of remote ischaemic preconditioning on myocardial injury in emergency hip fracture surgery (PIXIE trial): phase II randomised clinical trial. BMJ, The, 2019, 367, 16395.	6.0	25
117	Association Between Mean Arterial Pressure and Acute Kidney Injury and a Composite of Myocardial Injury and Mortality in Postoperative Critically Ill Patients: A Retrospective Cohort Analysis. Critical Care Medicine, 2019, 47, 910-917.	0.9	66
118	Incidence, Severity, and Detection of Blood Pressure Perturbations after Abdominal Surgery. Anesthesiology, 2019, 130, 550-559.	2.5	108
119	Postoperative Myocardial Injury in Middle-Aged and Elderly Patients Following Curative Resection of Esophageal Cancer With Aggressive or Standard Body Temperature Management. Anesthesia and Analgesia, 2019, 129, 352-359.	2.2	16
121	Appraising descriptive and analytic findings of large cohort studies. Cmaj, 2019, 191, E828-E829.	2.0	1
122	Causes and prevention of postoperative myocardial injury. European Journal of Preventive Cardiology, 2019, 26, 59-67.	1.8	22
123	Cardiac vagal dysfunction and myocardial injury after non-cardiac surgery: a planned secondary analysis of the measurement of Exercise Tolerance before surgery study. British Journal of Anaesthesia, 2019, 122, 188-197.	3.4	22
124	Medical therapy for atherosclerotic cardiovascular disease in patients with myocardial injury after non-cardiac surgery. International Journal of Cardiology, 2019, 279, 1-5.	1.7	10
125	Postoperative myocardial injury: Trying to square the circle. European Journal of Preventive Cardiology, 2019, 26, 56-58.	1.8	0
126	Reducing Major Adverse Cardiac Events and All-Cause Mortality in Noncardiac Surgery., 2019, , 538-577.		3
127	Intra-operative tachycardia is not associated with a composite of myocardial injury and mortality after noncardiac surgery. European Journal of Anaesthesiology, 2019, 36, 105-113.	1.7	19
128	A 71-year-old woman with an asymptomatic postoperative troponin elevation. Cmaj, 2019, 191, E11-E14.	2.0	1
129	Risk stratification of myocardial injury after liver transplantation in patients with computed tomographic coronary angiography–diagnosed coronary artery disease. American Journal of Transplantation, 2019, 19, 2053-2066.	4.7	24
130	Local Anesthetic Systemic Toxicity (LAST), Needs Treatment. Journal of Emergency Medicine, 2019, 56, 107-108.	0.7	5
131	How to reduce 30-day mortality following surgery?. Journal of Clinical Anesthesia, 2019, 53, 55.	1.6	0

#	ARTICLE	IF	CITATIONS
132	Daytime variation of perioperative myocardial injury in non-cardiac surgery and effect on outcome. Heart, 2019, 105, 826-833.	2.9	11
133	Preoperative systemic inflammation and perioperative myocardial injury: prospective observational multicentre cohort study of patients undergoing non-cardiac surgery. British Journal of Anaesthesia, 2019, 122, 180-187.	3.4	78
134	Myocardial injury after non-cardiac surgery: diagnosis and management. European Heart Journal, 2020, 41, 3083-3091.	2.2	110
135	Definitions of post-coronary artery bypass grafting myocardial infarction: variations in incidence and prognostic significance. European Journal of Cardio-thoracic Surgery, 2020, 57, 168-175.	1.4	11
136	Microplegia versus Cardioplexol \hat{A}^{\otimes} in Coronary Artery Bypass Surgery with Minimal Extracorporeal Circulation: Comparison of Two Cardioplegia Concepts. Thoracic and Cardiovascular Surgeon, 2020, 68, 223-231.	1.0	5
137	Frontline Science: Low regulatory T cells predict perioperative major adverse cardiovascular and cerebrovascular events after noncardiac surgery. Journal of Leukocyte Biology, 2020, 107, 717-730.	3.3	15
138	Elevated Troponin: A Marker for Noncardiac Complications After Resection of Head and Neck Cancers. Laryngoscope, 2020, 130, 2148-2152.	2.0	2
139	Myocardial Injury After Noncardiac Surgery: Incidence, Predictive Factors, and Outcome in High-Risk Patients Undergoing Thoracic Surgery: An Observational Study. Journal of Cardiothoracic and Vascular Anesthesia, 2020, 34, 426-432.	1.3	22
140	NT-Pro BNP Predicts Myocardial Injury Post-vascular Surgery and is Reduced with CoQ10: A Randomized Double-Blind Trial. Annals of Vascular Surgery, 2020, 64, 292-302.	0.9	15
141	Elevated cardiac troponin before surgery: perhaps not so benign. British Journal of Anaesthesia, 2020, 124, 6-7.	3.4	2
142	Periâ€operative cardiac biomarker screening: a narrative review. Anaesthesia, 2020, 75, e165-e173.	3.8	3
143	Integration of the Duke Activity Status Index into preoperativeÂriskÂevaluation: a multicentre prospective cohort study. British Journal of Anaesthesia, 2020, 124, 261-270.	3.4	83
144	Hyperoxia and antioxidants during major non ardiac surgery and risk of cardiovascular events: Protocol for a 2Â×Â2 factorial randomised clinical trial. Acta Anaesthesiologica Scandinavica, 2020, 64, 400-409.	1.6	2
145	Cardiovascular Risk Assessment for Noncardiac Surgery: Are We Ready for Biomarkers?. Journal of Cardiothoracic and Vascular Anesthesia, 2020, 34, 1914-1924.	1.3	5
146	The role of elevated high-sensitivity cardiac troponin on outcomes following severe blunt chest trauma. Injury, 2020, 51, 1177-1182.	1.7	15
147	Meta-analysis of preoperative high-sensitivity cardiac troponin measurement in non-cardiac surgical patients at risk of cardiovascular complications. British Journal of Surgery, 2020, 107, e81-e90.	0.3	10
148	Perioperative fluid management for major elective surgery. British Journal of Surgery, 2020, 107, e56-e62.	0.3	35
149	Arterial Catheters for Early Detection and Treatment of Hypotension During Major Noncardiac Surgery: A Randomized Trial. Anesthesia and Analgesia, 2020, 131, 1540-1550.	2.2	27

#	Article	IF	CITATIONS
150	Clinical outcomes for chest pain patients discharged home from emergency departments using high-sensitivity versus conventional cardiac troponin assays. American Heart Journal, 2020, 221, 84-94.	2.7	10
151	Effect of delivery mode and anaesthesia methods on cardiac troponin T. Journal of Gynecology Obstetrics and Human Reproduction, 2020, 49, 101630.	1.3	0
152	Don't Go Chasing Troponins: Significance of Elevated High-Sensitivity Troponin I Levels After Thoracic Surgery. Journal of Cardiothoracic and Vascular Anesthesia, 2020, 34, 433-435.	1.3	1
153	Myocardial Injury After Noncardiac Surgery: Preoperative, Intraoperative, and Postoperative Aspects, Implications, and Directions. Anesthesia and Analgesia, 2020, 131, 173-186.	2.2	53
154	The clinical implication of the association between hypoxaemia and postoperative troponin I: a reply. Anaesthesia, 2020, 75, 128-129.	3.8	0
155	Etiology of Peri-Operative Myocardial Infarction/Injury After Noncardiac Surgery and Associated Outcome. Journal of the American College of Cardiology, 2020, 76, 1910-1912.	2.8	35
156	Preoperative cardiac troponin below the 99th-percentile upper reference limit and 30-day mortality after noncardiac surgery. Scientific Reports, 2020, 10, 17007.	3.3	8
157	2020 Update in perioperative medicine. Perioperative Care and Operating Room Management, 2020, 21, 100124.	0.3	0
158	Aetiology of perioperative myocardial injury: a scientific conundrum with profound clinical implications. British Journal of Anaesthesia, 2020, 125, 642-646.	3.4	3
159	Hypoxemia following hospital discharge after fastâ€track hip and knee arthroplasty – A prospective observational study subanalysis. Acta Anaesthesiologica Scandinavica, 2020, 64, 1405-1413.	1.6	2
160	Perioperative Cardiovascular Risk Assessment and Management for Noncardiac Surgery. JAMA - Journal of the American Medical Association, 2020, 324, 279.	7.4	131
161	Re: Myocardial Injury After Noncardiac Surgery: Incidence, Predictive Factors, and Outcome in High-Risk Patients Undergoing Thoracic Surgery: An Observational Study. Journal of Cardiothoracic and Vascular Anesthesia, 2020, 34, 2549-2550.	1.3	0
162	Immediate postoperative high-sensitivity troponin T concentrations and long-term patient-reported health-related quality of life. European Journal of Anaesthesiology, 2020, 37, 680-687.	1.7	3
163	Association of Factor V Leiden With Subsequent Atherothrombotic Events. Circulation, 2020, 142, 546-555.	1.6	11
164	Risk assessment and risk stratification for perioperative complications and mitigation: Where should the focus be? How are we doing?. Bailliere's Best Practice and Research in Clinical Anaesthesiology, 2021, 35, 517-529.	4.0	6
165	Preoperative <i>N</i> -Terminal Pro–B-Type Natriuretic Peptide and Cardiovascular Events After Noncardiac Surgery. Annals of Internal Medicine, 2020, 172, 96.	3.9	99
166	Cardiac Stress in High-Risk Patients Undergoing Major Endovascular Surgery—Focus on Diastolic Function. Journal of Cardiothoracic and Vascular Anesthesia, 2020, 35, 2345-2354.	1.3	1
167	Postoperative hypotension in patients discharged to the intensive care unit after non-cardiac surgery is associated with adverse clinical outcomes. Critical Care, 2020, 24, 682.	5.8	37

#	Article	IF	CITATIONS
168	A comparison of intraoperative goal-directed intravenous administration of crystalloid versus colloid solutions on the postoperative maximum N-terminal pro brain natriuretic peptide in patients undergoing moderate- to high-risk noncardiac surgery. BMC Anesthesiology, 2020, 20, 192.	1.8	4
169	Feasibility of studying the association between intraoperative regional cerebral oxygen saturation and postoperative functional decline (ReFUNCTION): a pilot sub-study of NeuroVISION-Cardiac Surgery. Canadian Journal of Anaesthesia, 2020, 67, 1497-1506.	1.6	1
170	Labetalol Infusion Controls Paradoxical Hypertension and Decreases Plasma Renin Activity Following Repair of Coarctation of the Aorta in Children. Journal of Cardiothoracic and Vascular Anesthesia, 2020, 34, 3480.	1.3	0
171	Two different troponin isoforms for detecting early myocardial injury after curative resection of oesophageal cancer. Journal of Cardiothoracic Surgery, 2020, 15, 189.	1.1	2
172	Is the true clinical value of high-sensitivity troponins as a biomarker of risk? The concept that detection of high-sensitivity troponin †never means nothing'. Expert Review of Cardiovascular Therapy, 2020, 18, 843-857.	1.5	8
173	Postoperative visits by dedicated anesthesiologists in patients with elevated troponin: a retrospective cohort study evaluating postoperative care utility and early detection of complications. Perioperative Medicine (London, England), 2020, 9, 22.	1.5	6
174	Postoperative statin treatment may be associated with improved mortality in patients with myocardial injury after noncardiac surgery. Scientific Reports, 2020, 10, 11616.	3.3	12
175	Presepsin for pre-operative prediction of major adverse cardiovascular events in coronary heart disease patients undergoing noncardiac surgery. European Journal of Anaesthesiology, 2020, 37, 908-919.	1.7	7
176	Volatile versus total intravenous anesthesia for 30-day mortality following non-cardiac surgery in patients with preoperative myocardial injury. PLoS ONE, 2020, 15, e0238661.	2.5	3
177	Acute Postoperative Pain Is Associated With Myocardial Injury After Noncardiac Surgery. Anesthesia and Analgesia, 2020, 131, 822-829.	2.2	30
178	Substitution of perioperative albumin deficiency disorders (SuperAdd) in adults undergoing vascular, abdominal, trauma, or orthopedic surgery: protocol for a randomized controlled trial. Trials, 2020, 21, 726.	1.6	4
179	Comparison of pre- and postoperative myocardial injuries on mortality after non-cardiac surgery: a retrospective analysis using an inverse probability weighting adjustment. Scientific Reports, 2020, 10, 21050.	3.3	4
180	Disease Mechanisms of Perioperative Organ Injury. Anesthesia and Analgesia, 2020, 131, 1730-1750.	2.2	16
181	Preoperative levels of natriuretic peptides and the incidence of postoperative atrial fibrillation after noncardiac surgery: a prospective cohort study. Cmaj, 2020, 192, E1715-E1722.	2.0	5
182	Troponin I as a mortality marker after lung resection surgery – a prospective cohort study. BMC Anesthesiology, 2020, 20, 118.	1.8	11
183	The effect of supplemental oxygen on perioperative brain natriuretic peptide concentration in cardiac risk patients – a protocol for a prosprective randomized clinical trial. Trials, 2020, 21, 400.	1.6	9
184	The risk of postâ€operative myocardial injury after major emergency abdominal surgery: A retrospective cohort study. Acta Anaesthesiologica Scandinavica, 2020, 64, 1073-1081.	1.6	8
185	Myocardial infarction after noncardiac surgery in Sweden: a national, retrospective observational cohort study. British Journal of Anaesthesia, 2020, 125, 47-54.	3.4	13

#	Article	IF	CITATIONS
186	Supplemental Intraoperative Oxygen Does Not Promote Acute Kidney Injury or Cardiovascular Complications After Noncardiac Surgery: Subanalysis of an Alternating Intervention Trial. Anesthesia and Analgesia, 2020, 130, 933-940.	2.2	22
187	Prognostic value of high-sensitivity troponin I after cardiac surgery according to preoperative renal function. Medicine (United States), 2020, 99, e20040.	1.0	1
188	Use of a Polygenic Risk Score Improves Prediction of Myocardial Injury After Non-Cardiac Surgery. Circulation Genomic and Precision Medicine, 2020, 13, e002817.	3.6	9
189	Cardiac Biomarkers for the Prediction and Detection of Adverse Cardiac Events After Noncardiac Surgery: A Narrative Review. Anesthesia and Analgesia, 2020, 131, 187-195.	2.2	12
190	High-Sensitivity Troponins in Cardiovascular Disease. Current Cardiology Reports, 2020, 22, 30.	2.9	14
191	Early elevation in plasma high-sensitivity troponin T and morbidity after elective noncardiac surgery: prospective multicentre observational cohort study. British Journal of Anaesthesia, 2020, 124, 535-543.	3.4	31
192	The role of high-sensitive troponin measurement as a biomarker during the postoperative period for the detection of myocardial injury after non-cardiac surgery. Journal of Perioperative Practice, 2021, 31, 300-305.	0.5	6
193	Comparison of acute and chronic myocardial injury in noncardiac surgical patients. PLoS ONE, 2020, 15, e0234776.	2.5	9
194	Biomarker-Based Preoperative Risk Stratification for Patients Undergoing Non-Cardiac Surgery. Journal of Clinical Medicine, 2020, 9, 351.	2.4	12
195	Obesity paradox and perioperative myocardial infarction/injury in non-cardiac surgery. Clinical Research in Cardiology, 2020, 109, 1140-1147.	3.3	15
196	Effect of Hyperoxia on Myocardial Oxygenation and Function in Patients With Stable Multivessel Coronary Artery Disease. Journal of the American Heart Association, 2020, 9, e014739.	3.7	21
197	Survival After Uncomplicated EVAR in Octogenarians is Similar to the General Population of Octogenarians Without an Abdominal Aortic Aneurysm. European Journal of Vascular and Endovascular Surgery, 2020, 59, 740-747.	1.5	14
198	Preoperative Cardiac Risk Assessment. Mayo Clinic Proceedings, 2020, 95, 1064-1079.	3.0	15
199	Epidemiology and mortality in an Italian region after the adoption of the universal definition of myocardial infarction. Journal of Cardiovascular Medicine, 2020, 21, 34-39.	1.5	6
200	Association between intraoperative hypotension and postoperative myocardial injury in patients with prior coronary stents undergoing high-risk surgery: a retrospective study. Journal of Anesthesia, 2020, 34, 257-267.	1.7	3
201	Intraoperative Troponin Elevation in Liver Transplantation Is Independently Associated With Mortality: A Prospective Observational Study. Liver Transplantation, 2020, 26, 681-692.	2.4	3
202	Don't Forget the Right Ventricle. Journal of Cardiothoracic and Vascular Anesthesia, 2020, 34, 2283-2284.	1.3	2
203	Development and validation of a deep neural network model to predict postoperative mortality, acute kidney injury, and reintubation using a single feature set. Npj Digital Medicine, 2020, 3, 58.	10.9	38

#	Article	IF	CITATIONS
204	The role of routine postoperative troponin measurement in the diagnosis and management of myocardial injury after nonâ \in cardiac surgery. Anaesthesia, 2021, 76, 11-14.	3.8	5
205	The Silent Burden of Perioperative Myocardial Infarction After Noncardiac Surgery. Canadian Journal of Cardiology, 2021, 37, 188-190.	1.7	2
206	Perioperative cardiovascular complications rate and activity of coagulation and fibrinolysis among patients undergoing vascular surgery for peripheral artery disease and abdominal aortic aneurysm. Vascular, 2021, 29, 134-142.	0.9	1
207	Predicting cardiac risk in noncardiac surgery: a narrative review. Journal of Anesthesia, 2021, 35, 122-129.	1.7	3
208	Non-cardiac surgery in patients with coronary artery disease: risk evaluation and periprocedural management. Nature Reviews Cardiology, 2021, 18, 37-57.	13.7	42
209	Diagnosis of Myocardial Infarction After Noncardiac Surgery: Results of a National Survey in Russia. Journal of Cardiothoracic and Vascular Anesthesia, 2021, 35, 1897-1898.	1.3	6
210	Association between postoperative haemoglobin concentrations and composite of non-fatal myocardial infarction and all-cause mortality in noncardiac surgical patients: post hoc analysis of the POISE-2 trial. British Journal of Anaesthesia, 2021, 126, 87-93.	3.4	22
211	Systematic review and consensus definitions for the Standardized Endpoints in Perioperative Medicine (StEP) initiative: cardiovascular outcomes. British Journal of Anaesthesia, 2021, 126, 56-66.	3.4	51
212	Association between postoperative haemoglobin and myocardial injury after noncardiac surgery: a retrospective cohort analysis. British Journal of Anaesthesia, 2021, 126, 94-101.	3.4	37
213	Physicians Should Obtain Perioperative Cardiac Troponin Measurements in At-Risk Patients Undergoing NoncardiacÂSurgery. Clinical Chemistry, 2021, 67, 50-53.	3.2	4
214	Goal-directed hemodynamic therapy versus restrictive normovolemicÂtherapy in major open abdominal surgery: AÂrandomized controlled trial. Surgery, 2021, 169, 1164-1174.	1.9	18
215	Blood pressure management and perioperative myocardial injury. International Anesthesiology Clinics, 2021, 59, 36-44.	0.8	0
216	Morbidity and Mortality After Acute Myocardial Infarction After Elective Major Noncardiac Surgery. Journal of Cardiothoracic and Vascular Anesthesia, 2021, 35, 834-842.	1.3	4
217	Perioperative Troponin Screening Identifies Patients at Higher Risk for Major Cardiovascular Events in Noncardiac Surgery. Current Problems in Cardiology, 2021, 46, 100429.	2.4	16
218	Cardiovascular Complications After Bariatric and Metabolic Surgery. , 2021, , 189-208.		0
219	Prediction of mechanical ventilation greater than 24 hours in critically ill obstetric patients: ten years of data from a tertiary teaching hospital in mainland China. BMC Pregnancy and Childbirth, 2021, 21, 40.	2.4	1
220	Medical Comorbidities in Geriatric Patients Undergoing Major Emergency Surgeries. Hot Topics in Acute Care Surgery and Trauma, 2021, , 57-77.	0.1	0
221	Cardiovascular events in patients undergoing hip fracture surgery treated with remote ischaemic preconditioning: 1â€year followâ€up of a randomised clinical trial. Anaesthesia, 2021, 76, 1042-1050.	3.8	3

#	Article	IF	Citations
222	Mode of blood pressure monitoring and morbidity after noncardiac surgery. European Journal of Anaesthesiology, 2021, 38, 468-476.	1.7	6
223	Association of six-minute walk test distance with postoperative complications in non-cardiac surgery: a secondary analysis of a multicentre prospective cohort study. Canadian Journal of Anaesthesia, 2021, 68, 514-529.	1.6	15
224	Association of intraoperative hypotension with postoperative morbidity and mortality: systematic review and meta-analysis. BJS Open, 2021, 5, .	1.7	42
225	Trends, Management, and Outcomes of Acute Myocardial Infarction Hospitalizations With Inâ€Hospitalâ€Onset Versus Outâ€ofâ€Hospital Onset: The ARIC Study. Journal of the American Heart Association, 2021, 10, e018414.	3.7	7
226	Preventing Myocardial Injury Following Non-Cardiac Surgery: A Potential Role for Preoperative Antioxidant Therapy with Ubiquinone. Antioxidants, 2021, 10, 276.	5.1	8
228	Intraoperative Hypotension and Myocardial Infarction Development Among High-Risk Patients Undergoing Noncardiac Surgery: A Nested Case-Control Study. Anesthesia and Analgesia, 2021, 133, 6-15.	2.2	27
229	Raccomandazioni del GdS MM SIPMeL per l'uso dei biomarcatori cardiaci in NSTEMI. Parte seconda: evidenze nella diagnosi. Rivista Italiana Della Medicina Di Laboratorio, 2021, 16, .	0.4	7
230	A Retrospective Analysis Demonstrates That a Failure to Document Key Comorbid Diseases in the Anesthesia Preoperative Evaluation Associates With Increased Length of Stay and Mortality. Anesthesia and Analgesia, 2021, 133, 698-706.	2.2	8
232	Expert consensus on peri-operative myocardial injury screening in noncardiac surgery. European Journal of Anaesthesiology, 2021, 38, 600-608.	1.7	33
233	Elevation of Highâ€sensitive Troponin T Predicts Mortality After Open Pancreaticoduodenectomy. World Journal of Surgery, 2021, 45, 1913-1920.	1.6	6
234	The effect of remote ischaemic preconditioning on postoperative cardiac and inflammatory biomarkers in pancreatic surgery: a randomized controlled trial. BJS Open, 2021, 5, .	1.7	4
235	Associations Between Preoperative Glucose and Hemoglobin A1c Level and Myocardial Injury After Noncardiac Surgery. Journal of the American Heart Association, 2021, 10, e019216.	3.7	15
236	Prediction of Death After Noncardiac Surgery: Potential Advantage of Using Highâ€Sensitivity Troponin T as a Continuous Variable. Journal of the American Heart Association, 2021, 10, e018008.	3.7	7
237	Expert consensus on peri-operative myocardial injury screening in noncardiac surgery. European Journal of Anaesthesiology, 2021, 38, 569-570.	1.7	3
238	Myocardial Injury After Noncardiac Surgery—Slightly Heavier May Be Better. Anesthesia and Analgesia, 2021, 132, 957-959.	2.2	2
239	ECG changes after non-cardiac surgery: a prospective observational study in intermediate-high risk patients. Minerva Anestesiologica, 2021, 87, 283-293.	1.0	2
240	Incidence and outcomes of perioperative myocardial infarction/injury diagnosed by high-sensitivity cardiac troponin I. Clinical Research in Cardiology, 2021, 110, 1450-1463.	3.3	18
241	Myocardial injury after noncardiac surgery – an update. Current Opinion in Anaesthesiology, 2021, 34, 381-386.	2.0	7

#	Article	IF	CITATIONS
242	General Anesthesia and Perioperative Management via microRNA. Nihon Ika Daigaku Igakkai Zasshi, 2021, 17, 72-80.	0.0	0
243	Myocardial, renal and intestinal injury in liver resection surgery—A prospective observational pilot study. Acta Anaesthesiologica Scandinavica, 2021, 65, 886-894.	1.6	3
244	Mid-Term Survival and Risk Factors Associated With Myocardial Injury After Fenestrated and/or Branched Endovascular Aortic Aneurysm Repair. European Journal of Vascular and Endovascular Surgery, 2021, 62, 550-558.	1.5	6
245	Update on medical management of acute hip fracture. Cleveland Clinic Journal of Medicine, 2021, 88, 237-247.	1.3	8
246	The effect of anesthesia on the risk of postoperative myocardial injury in elderly patients with hip fracture: randomized controlled trial. ScienceRise: Medical Science, 2021, , 14-16.	0.0	1
247	Association Between Short-, Intermediate-, and Long-term Mortality and Myocardial Injury After Noncardiac Surgery After Hip Fracture Surgery: A Retrospective Cohort. Anesthesia and Analgesia, 2021, 133, 915-923.	2.2	6
248	Clinical practice patterns and ascertainment bias for cardiovascular events in a randomized trial: A survey of investigators in the BEST-CLI trial. Vascular Medicine, 2021, 26, 180-186.	1.5	0
249	Prognosis of Myocardial Injury After Non-Cardiac Surgery in Adults Aged Younger Than 45 Years. Circulation Journal, 2021, 85, 2081-2088.	1.6	4
250	Routine Postsurgical Anesthesia Visit to Improve 30-day Morbidity and Mortality. Annals of Surgery, 2023, 277, 375-380.	4.2	7
251	The emergence of a postoperative myocardial injury epidemic: true or false?. Canadian Journal of Anaesthesia, 2021, 68, 1109-1119.	1.6	3
252	Hypotension Is Associated With Perioperative Myocardial Infarction: Individualized Blood Pressure Is Important. Anesthesia and Analgesia, 2021, 133, 2-5.	2.2	3
253	Association of Preeclampsia With Myocardial Injury Among Patients Undergoing Noncardiac Surgery: The PREECLAMPSIA-VISION Study. Canadian Journal of Cardiology, 2021, 37, 1934-1941.	1.7	3
254	Troponin measurement for risk stratification after cytoreductive surgery. British Journal of Surgery, 2021, 108, e297-e298.	0.3	0
255	Outcome of Organ Dysfunction in the Perioperative Period. Anesthesia and Analgesia, 2021, 133, 393-405.	2.2	16
256	Myocardial infarction after esophagectomy for esophageal cancer: A \hat{A} systematic review. European Surgery - Acta Chirurgica Austriaca, 0, , 1.	0.7	0
257	The Cost Implications of Dabigatran in Patients with Myocardial Injury After Non-Cardiac Surgery. American Journal of Cardiovascular Drugs, 2022, 22, 83-91.	2.2	3
258	Postoperative Myocardial Injury in Patients Classified as Low Risk Preoperatively Is Associated With a Particularly Increased Risk of Longâ€Term Mortality After Noncardiac Surgery. Journal of the American Heart Association, 2021, 10, e019379.	3.7	10
259	Troponin Testing After Noncardiac Surgery in Ontario: An Observational Study. CJC Open, 2021, 3, 904-912.	1.5	3

#	Article	IF	CITATIONS
260	Failure to detect ward hypoxaemia and hypotension: contributions of insufficient assessment frequency and patient arousal during nursing assessments. British Journal of Anaesthesia, 2021, 127, 760-768.	3.4	22
261	Risk of cardiovascular complications during non-cardiac surgery and preoperative cardiac evaluation. Trends in Cardiovascular Medicine, 2022, 32, 271-284.	4.9	4
263	Preoperative clinical model to predict myocardial injury after non-cardiac surgery: a retrospective analysis from the MANAGE cohort in a Spanish hospital. BMJ Open, 2021, 11, e045052.	1.9	10
264	A Simple, Reliable, and Validated Preoperative Cardiac Risk Index. Canadian Journal of Cardiology, 2021, 37, 1159-1162.	1.7	2
265	Myocardial Injury After Colorectal Cancer Surgery and Postoperative 90-Day Mortality and Morbidity. Diseases of the Colon and Rectum, 2021, Publish Ahead of Print, 1531-1541.	1.3	6
266	Predicting Myocardial Injury and Other Cardiac Complications After Elective Noncardiac Surgery with the Revised Cardiac Risk Index: The VISION Study. Canadian Journal of Cardiology, 2021, 37, 1215-1224.	1.7	29
267	Advancing Sex and Gender Considerations in Peri-operative Cardiovascular Risk Assessment. Canadian Journal of Cardiology, 2021, , .	1.7	1
268	Lesão Miocárdica após Cirurgia Não CardÃaca – Estado da Arte. Arquivos Brasileiros De Cardiologia, 2021, 117, 544-553.	0.8	0
269	A study protocol for the cardiac effects of a single dose of either oxytocin 2.5 IU or carbetocin $100 \hat{A} \mu g$ after caesarean delivery: a prospective randomized controlled multi-centre trial in Norway. F1000Research, 2021, 10, 973.	1.6	6
270	Association between tissue oxygenation and myocardial injury in patients undergoing major spine surgery: a prospective cohort study. BMJ Open, 2021, 11, e044342.	1.9	2
271	Myocardial injury after noncardiac surgery. Current Opinion in Critical Care, 2021, Publish Ahead of Print, 670-675.	3.2	2
272	Association between Intraoperative Hyperlactatemia and Myocardial Injury after Noncardiac Surgery. Diagnostics, 2021, 11, 1656.	2.6	0
273	Adherence to the European Society of Cardiology/European Society of Anaesthesiology recommendations on preoperative cardiac testing and association with positive results and cardiac events: aÂcohort study. British Journal of Anaesthesia, 2021, 127, 376-385.	3.4	4
274	The Charlson Comorbidity Index is associated with risk of 30-day mortality in patients with myocardial injury after non-cardiac surgery. Scientific Reports, 2021, 11, 18933.	3.3	8
275	The level of postoperative care influences mortality prediction by the POSPOM score: A retrospective cohort analysis. PLoS ONE, 2021, 16, e0257829.	2.5	4
276	Association of Perioperative Myocardial Injury with 30-Day and Long-Term Mortality in Older Adult Patients Undergoing Orthopedic Surgery in China. Medical Science Monitor, 2021, 27, e932036.	1.1	6
277	The Elevated High-Sensitivity Cardiac Troponin T Pilot. Mayo Clinic Proceedings, 2021, 96, 2366-2375.	3.0	5
278	Application of an Exploratory Knowledge-Discovery Pipeline Based on Machine Learning to Multi-Scale OMICS Data to Characterise Myocardial Injury in a Cohort of Patients with Septic Shock: An Observational Study. Journal of Clinical Medicine, 2021, 10, 4354.	2.4	3

#	Article	IF	CITATIONS
279	Perioperative supplemental oxygen and NT-proBNP concentrations after major abdominal surgery – A prospective randomized clinical trial. Journal of Clinical Anesthesia, 2021, 73, 110379.	1.6	18
280	Differences in perioperative cardiovascular outcomes in elderly male and female patients undergoing intra-abdominal surgery: a retrospective cohort study. Journal of International Medical Research, 2021, 49, 030006052098529.	1.0	3
281	Assessment of cardiovascular risk and prevention of complications in non-cardiac surgery in patients with coronary heart disease. Arterial Hypertension (Russian Federation), 2021, 26, 629-639.	0.4	1
282	The Cardiac Patient Undergoing Noncardiac Surgery. , 2021, , 5-15.		0
283	Elevated high-sensitivity C-reactive protein concentrations may be associated with increased postdischarge mortality in patients with myocardial injury after noncardiac surgery. European Journal of Anaesthesiology, 2021, 38, S33-S40.	1.7	5
284	Beyond †failure to rescue': the time has come for continuous ward monitoring. British Journal of Anaesthesia, 2019, 122, 304-306.	3.4	52
285	Assessing Quality of Surgical Real-World Data from an Automated Electronic Health Record Pipeline. Journal of the American College of Surgeons, 2020, 230, 295-305e12.	0.5	7
286	Incidence of major adverse cardiac events following non-cardiac surgery. European Heart Journal: Acute Cardiovascular Care, 2021, 10, 550-558.	1.0	46
287	Saline <i>versus</i> Lactated Ringer's Solution. Anesthesiology, 2020, 132, 614-624.	2.5	46
288	One-year Results of a Factorial Randomized Trial of Aspirin <i>versus</i> Placebo and Clonidine <i>versus</i> Placebo in Patients Having Noncardiac Surgery. Anesthesiology, 2020, 132, 692-701.	2.5	15
289	Postoperative Hypotension after Noncardiac Surgery and the Association with Myocardial Injury. Anesthesiology, 2020, 133, 510-522.	2.5	57
290	Perioperative Blood Pressure Management. Anesthesiology, 2021, 134, 250-261.	2.5	69
291	Association between preoperative high sensitive troponin I levels and cardiovascular events after hip fracture surgery in the elderly. Journal of Geriatric Cardiology, 2018, 15, 215-221.	0.2	20
292	Association Between High Body Mass Index and Mortality Following Myocardial Injury After Noncardiac Surgery. Anesthesia and Analgesia, 2021, 132, 960-968.	2.2	5
293	Turkish Society of Cardiology Consensus Paper on The Rational Use of Cardiac Troponins in Daily Practice. Anatolian Journal of Cardiology, 2019, 21, 331-344.	0.9	1
294	Perioperative Myocardial Damage and Heart Failure in Noncardiac Surgery. Part 1. Etiopathogenesis and Prognosis of Perioperative Cardiac Complications (Review). Obshchaya Reanimatologiya, 2019, 15, 53-78.	1.0	10
295	Adjuvant cardioprotection in thoracic oncosurgery. Russian Journal of Anesthesiology and Reanimatology /Anesteziologiya I Reanimatologiya, 2019, , 35.	0.7	5
296	Actual Issues of the Cardiac Complications Risk Assessment and Correction in Non-Cardiac Surgery. Rational Pharmacotherapy in Cardiology, 2020, 16, 749-758.	0.8	6

#	ARTICLE	IF	Citations
297	Impact of Arterial Procedures on Coagulation and Fibrinolysis – A Pilot Study. Brazilian Journal of Cardiovascular Surgery, 2019, 34, 327-334.	0.6	5
298	Clinical use of cardiac troponin for acute cardiac care and emerging opportunities in the outpatient setting. Minerva Medica, 2019, 110, 139-156.	0.9	5
299	Perioperative cardioprotection: back to bedside. Minerva Anestesiologica, 2020, 86, 445-454.	1.0	15
300	Prospective evaluation of preoperative lung ultrasound for prediction of perioperative outcome and myocardial injury in adult patients undergoing vascular surgery (LUPPO study). Minerva Anestesiologica, 2020, 86, 1151-1160.	1.0	5
301	Postoperative Cardiac Ischemic Complications in Lung Cancer Patients. Acta Biomedica Scientifica, 2019, 4, 91-97.	0.2	3
302	Perioperative cardiovascular medicine: 5 questions for 2018. Cleveland Clinic Journal of Medicine, 2018, 85, 853-859.	1.3	1
303	Mildly Elevated Cardiac Troponin below the 99th-Percentile Upper Reference Limit after Noncardiac Surgery. Korean Circulation Journal, 2020, 50, 925.	1.9	6
304	Subclinical and Tiny Myocardial Injury within Upper Reference Limit of Cardiac Troponin Should Not Be Ignored after Noncardiac Surgery. Korean Circulation Journal, 2020, 50, 938.	1.9	3
305	Perioperative myocardial injury and infarction following non-cardiac surgery: A review of the eclipsed epidemic. Saudi Journal of Anaesthesia, 2020, 14, 91.	0.7	9
306	The application of nicorandil in patients with coronary heart disease undergoing vascular surgery. Kardiologiya I Serdechno-Sosudistaya Khirurgiya, 2021, 14, 420.	0.3	1
307	Prevalence and risk factors of myocardial and acute kidney injury following radical nephrectomy with vena cava thrombectomy: a retrospective cohort study. BMC Anesthesiology, 2021, 21, 243.	1.8	6
308	Myocardial injury in noncardiac surgery. Korean Journal of Anesthesiology, 2021, , .	2.5	1
309	Psoas compartment block efficacy and safety for perioperative analgesia in the elderly with proximal femur fractures: a randomized controlled study. BMC Anesthesiology, 2021, 21, 252.	1.8	6
310	A dynamic risk factor assessment for myocardial infarction and cardiac arrest in patients undergoing pancreatectomy. Hpb, 2021, , .	0.3	0
311	Diagnosis and Management of Patients With Myocardial Injury After Noncardiac Surgery: A Scientific Statement From the American Heart Association. Circulation, 2021, 144, e287-e305.	1.6	92
312	Intraoperative Hypotension andÂComplications. Journal of the American College of Cardiology, 2021, 78, 1765-1767.	2.8	5
313	Targeting Higher Intraoperative Blood Pressures Does Not Reduce Adverse Cardiovascular Events Following Noncardiac Surgery. Journal of the American College of Cardiology, 2021, 78, 1753-1764.	2.8	54
314	Perioperative Myocardial Infarction: Diagnostic Clues and Prevention. Autopsy and Case Reports, 2018, 8, e2018032.	0.6	O

#	Article	IF	CITATIONS
315	De perioperatieve specialist. , 2018, , 311-316.		0
317	PERI-OPERATIVE INJURY AND MYOCARDIAL INFARCTION. Messenger of Anesthesiology and Resuscitation, 2019, 16, 51-56.	0.6	9
319	Anestesia del paziente coronarico in chirurgia generale. EMC - Anestesia-Rianimazione, 2019, 24, 1-11.	0.1	0
321	Rationale and design of perioperative myocardial ischemia: a protocol for troponin monitoring, prognostic thresholds, economic analysis and further insights into pathophysiology for non-cardiac surgery patients. F1000Research, 0, 8, 850.	1.6	3
322	Perioperative Myocardial Damage and Heart Failure in Noncardiac Surgery. Part 2. Reduction of the Risk of Perioperative Cardiac Complications by Pharmacological Measures and Optimization of Anesthetic and Critical Care Support (Review). Obshchaya Reanimatologiya, 2019, 15, 83-101.	1.0	4
323	Perioperative myocardial infarction during coronary artery bypass grafting. The main approaches to diagnosis and prevention. Russian Journal of Cardiology, 2019, , 124-131.	1.4	4
325	Cardiac Risk Stratification., 2020,, 47-57.		0
326	Point-Counterpoint: Perioperative Cardiac Biomarkers. Canadian Journal of General Internal Medicine, 2019, 14, e14-e22.	0.2	2
327	Dabigatrán en pacientes con lesión miocárdica después de cirugÃa no cardiaca. A propósito del estudio MANAGE. Revista Española De AnestesiologÃa Y Reanimación, 2019, 66, 455-458.	0.3	0
328	Myocardial injury after non-cardiac surgery: current state of the problem and unresolved issues. Russian Journal of Cardiology, 2019, , 122-132.	1.4	3
329	Markers of perioperative myocardial injury in patients undergoing coronary artery bypass grafting depending on the prehabilitation program. Complex Issues of Cardiovascular Diseases, 2019, 8, 82-92.	0.5	1
330	Achieving Value in Orthopedic Surgery: Clinical Pathways, Bundled Payment Programs, and Proactive Risk Assessment for Elective Orthopedic Procedures. , 2020, , 445-456.		0
331	Perioperative Myocardial Damage and The Incidence of Type 2 Myocardial Infarction in Patients with Intermediate and High Cardiovascular Risk. Anatolian Journal of Cardiology, 2020, 25, 89-95.	0.9	1
332	Clinical Progress Note: Myocardial Injury After Noncardiac Surgery. Journal of Hospital Medicine, 2020, 15, 412-415.	1.4	2
333	Myocardial injury after aortoiliac revascularization for extensive disease: A survival analysis. Turkish Journal of Thoracic and Cardiovascular Surgery, 2020, 28, 426-434.	0.4	4
335	Sevoflurane preconditioning attenuates hypoxia/reoxygenation injury of H9c2 cardiomyocytes by activation of the HIF-1/PDK-1 pathway. PeerJ, 2020, 8, e10603.	2.0	8
336	Preoperative Medical Optimization. , 2020, , 79-87.		1
337	Troponin Elevations after Cardiac Surgery: Just "Troponitis�. Annual Update in Intensive Care and Emergency Medicine, 2020, , 113-124.	0.2	1

#	Article	IF	Citations
338	Perioperative Evaluation and Management of Patients Undergoing Noncardiac Surgery., 2020,, 411-428.		0
339	Patient periprocedural stress in cardiovascular medicine: friend or foe?. Postepy W Kardiologii Interwencyjnej, 2021, 17, 259-271.	0.2	6
340	Myocardial Injury Among Postoperative Patients: Where Is the Wisdom in Our Knowledge?. Journal of Hospital Medicine, 2020, 15, 447-448.	1.4	0
341	Blood Pressure Components and Organ Injury: Comment. Anesthesiology, 2020, 133, 673-674.	2.5	1
342	Prediction of perioperative cardiac complications in patients with proximal femoral fracture. Innovative Medicine of Kuban, 2020, , $6-11$.	0.2	1
343	Perioperative troponin screening and detection of myocardial injury. International Anesthesiology Clinics, 2021, 59, 1-8.	0.8	1
344	Association between Cardiologist Consultation and Mortality of Stable Patients with Elevated Cardiac Troponin at Admission. Diagnostics, 2021, 11, 2229.	2.6	1
345	Identification of myocardial injury using perioperative troponin surveillance in major noncardiac surgery and net benefit over the Revised Cardiac Risk Index. British Journal of Anaesthesia, 2022, 128, 26-36.	3.4	13
346	Mid-Term Results of Total Hip Arthroplasty for Femoral Neck Nonunions in Long-Term Hemodialysis Patients. Travmatologiâ I Ortopediâ Rossii, 2021, 27, 21-30.	0.5	0
347	Mobile devices and wearable technology for measuring patient outcomes after surgery: a systematic review. Npj Digital Medicine, 2021, 4, 157.	10.9	29
348	Myocardial injury after major noncardiac surgery: A secondary analysis of a randomized controlled trial. Surgery, 2022, 171, 1626-1634.	1.9	4
349	Low-risk cutoff of 90Âml/min/1.73Âm2 for the estimated glomerular filtration rate and the importance of the equation for patients with acute coronary syndrome. Clinica Chimica Acta, 2021, 523, 532-533.	1.1	1
350	Perioperative myocardial injury after elective neurosurgery: incidence, risk factors, and effects on mortality. Neurosurgical Review, 2022, 45, 2151-2159.	2.4	3
351	ls invasive blood pressure monitoring harmful?. European Journal of Anaesthesiology, 2022, 39, 178-180.	1.7	0
352	Diurnal blood pressure variation in adults after abdominal surgery–An observational cohort study. Journal of Clinical Anesthesia, 2022, 77, 110633.	1.6	2
353	Effect of perioperative levosimendan administration on postoperative N-terminal pro-B-type natriuretic peptide concentration in patients with increased cardiovascular risk factors undergoing non-cardiac surgery: protocol for the double-blind, randomised, placebo-controlled IMPROVE trial. BMI Open, 2022, 12, e058216.	1.9	0
354	Perioperative outcomes and cardiovascular research on the African continent. Journal of Cardiothoracic and Vascular Anesthesia, 2022, , .	1.3	0
355	Rationale and design of the PeriOperative ISchemic Evaluation-3 (POISE-3): a randomized controlled trial evaluating tranexamic acid and a strategy to minimize hypotension in noncardiac surgery. Trials, 2022, 23, 101.	1.6	10

#	Article	IF	CITATIONS
356	Pro-Con Debate: Cardiac Troponin Measurement as Part of Routine Follow-up of Myocardial Damage Following Noncardiac Surgery. Anesthesia and Analgesia, 2022, 134, 257-265.	2.2	12
357	Association of Acute Perioperative Myocardial Injury With All-Cause Mortality Within 90 Days After Hip Fracture Repair in the Elderly: A Prospective Study. Geriatric Orthopaedic Surgery and Rehabilitation, 2022, 13, 215145932110701.	1.4	4
358	Preoperative serum alpha-hydroxybutyrate dehydrogenase level as a predictor of postoperative mortality and morbidity after noncardiac surgery: A propensity-adjusted analysis. Surgery, 2022, 171, 1027-1035.	1.9	1
359	Patient- and procedure-related factors in the pathophysiology of perioperative myocardial infarction/injury. International Journal of Cardiology, 2022, 353, 15-21.	1.7	6
360	Hyperoxia and Antioxidants for Myocardial Injury in Noncardiac Surgery: A 2 \tilde{A} — 2 Factorial, Blinded, Randomized Clinical Trial. Anesthesiology, 2022, 136, 408-419.	2.5	23
362	MAP 65-is it enough?. Current Opinion in Anaesthesiology, 2022, 35, 242-247.	2.0	2
363	Intraoperative Hypotension and Myocardial Injury After Noncardiac Surgery in Adults With or Without Chronic Hypertension: A Retrospective Cohort Analysis. Anesthesia and Analgesia, 2022, 135, 329-340.	2.2	8
364	Type 2 MI and Myocardial Injury in the Era of High-sensitivity Troponin. European Cardiology Review, 2022, 17, e03.	2.2	7
365	Effect of intraoperative personalized goal-directed hemodynamic management on acute myocardial injury in high-risk patients having major abdominal surgery: a post-hoc secondary analysis of a randomized clinical trial. Journal of Clinical Monitoring and Computing, 2022, 36, 1775-1783.	1.6	1
366	Postoperative myocardial injury and outcomes in liver and kidney transplant patients. Cardiovascular Revascularization Medicine, 2022, , .	0.8	6
367	Continuously monitored vital signs for detection of myocardial injury in highâ€risk patients – An observational study. Acta Anaesthesiologica Scandinavica, 2022, 66, 674-683.	1.6	5
368	Perioperative Supplemental Oxygen and Plasma Catecholamine Concentrations after Major Abdominal Surgery—Secondary Analysis of a Randomized Clinical Trial. Journal of Clinical Medicine, 2022, 11, 1767.	2.4	4
369	Eversion Carotid Endarterectomy: Cardiac Troponin Assessment. International Journal of Angiology, 0, , .	0.6	0
370	Anaesthesia's legacy: carpe diem. British Journal of Anaesthesia, 2022, 128, 413-415.	3.4	0
371	Cardiovascular imaging following perioperative myocardial infarction/injury. Scientific Reports, 2022, 12, 4447.	3.3	0
372	What defines success after major surgery?. Canadian Journal of Anaesthesia, 2022, , 1.	1.6	0
373	Perioperative Supplemental Oxygen and Postoperative Copeptin Concentrations in Cardiac-Risk Patients Undergoing Major Abdominal Surgery—A Secondary Analysis of a Randomized Clinical Trial. Journal of Clinical Medicine, 2022, 11, 2085.	2.4	3
374	Dosages de troponines aprÃ's une chirurgie non cardiaque : une étude de cohorte historique basée sur la population sur la variation et les facteurs associés au dépistage en Ontario. Canadian Journal of Anaesthesia, 2022, 69, 572-581.	1.6	3

#	Article	IF	CITATIONS
375	Aggressive intraoperative warming versus routine thermal management during non-cardiac surgery (PROTECT): a multicentre, parallel group, superiority trial. Lancet, The, 2022, 399, 1799-1808.	13.7	47
376	Professor Giora Landesberg, MD, DSc, MBA, 1954-2021: A Physician and Research Pioneer in Perioperative Myocardial Infarction. Journal of Cardiothoracic and Vascular Anesthesia, 2022, 36, 1254-1257.	1.3	0
377	The comparative and added prognostic value of biomarkers to the Revised Cardiac Risk Index for preoperative prediction of major adverse cardiac events and all-cause mortality in patients who undergo noncardiac surgery. The Cochrane Library, 2021, 2021, CD013139.	2.8	17
378	Pseudo myocardial infarction due to postoperative ileus. BMJ Case Reports, 2021, 14, e247075.	0.5	1
379	A study protocol for the cardiac effects of a single dose of either oxytocin 2.5 IU or carbetocin 100µg after caesarean delivery: a prospective randomized controlled multi-centre trial in Norway. F1000Research, 0, 10, 973.	1.6	1
380	Management of Postoperative Myocardial Injury After Non-cardiac Surgery in Patients Aged ≥ 80 Years: Our 10 Years' Experience. Frontiers in Cardiovascular Medicine, 2022, 9, 869243.	2.4	1
381	Risk factors, transcriptomics, and outcomes of myocardial injury following lower extremity revascularization. Scientific Reports, 2022, 12, 6718.	3.3	1
382	Research progress in influence of perioperative hypotension on postoperative outcome of patients. Journal of Central South University (Medical Sciences), 2021, 46, 84-90.	0.1	O
383	Predictors of peri-operative cardiac events and development of a scoring tool for patients with chronic kidney disease undergoing non-cardiac surgeries: A prospective observational multicentre study. Indian Journal of Anaesthesia, 2022, 66, 278.	1.0	3
384	Natriuretic Peptides and Troponins to Predict Cardiovascular Events in Patients Undergoing Major Non-Cardiac Surgery. International Journal of Environmental Research and Public Health, 2022, 19, 5182.	2.6	5
385	Perioperative Myocardial Injury/Infarction After Non-cardiac Surgery in Elderly Patients. Frontiers in Cardiovascular Medicine, 2022, 9, .	2.4	10
386	Perioperative myocardial injury and mortality after revision surgery for orthopaedic device-related infection. Bone and Joint Journal, 2022, 104-B, 696-702.	4.4	1
387	Surface plasmon-enhanced fluorescence immunosensor for monitoring cardiac troponin I. Sensors and Actuators B: Chemical, 2022, 368, 132132.	7.8	11
391	Storage conditions, sample integrity, interferences, and a decision tool for investigating unusual high-sensitivity cardiac troponin results. Clinical Biochemistry, 2023, 115, 67-76.	1.9	11
392	Using the Revised Cardiac Risk Index to Predict Major Postoperative Events for People With Kidney Failure: An External Validation and Update. CJC Open, 2022, 4, 905-912.	1.5	2
393	Cardiovascular complications after noncardiac surgery: New insights in surveillance and management. Perioperative Care and Operating Room Management, 2022, 29, 100276.	0.3	0
394	Improved Re-estimation of Perioperative Cardiac Risk Using the Surgical Apgar Score: A Retrospective Cohort Study. Annals of Surgery, 2023, 278, 65-71.	4.2	3
395	Chest pain in patients recovering from noncardiac surgery: A retrospective analysis. Journal of Clinical Anesthesia, 2022, 82, 110932.	1.6	3

#	Article	IF	CITATIONS
396	Myocardial Injury After Noncardiac Surgery. , 2023, , 549-557.		0
397	Which Patient Should Have a Preoperative Cardiac Evaluation (Stress Test)?., 2023, , 12-22.		0
398	Should Preoperative Brain Natriuretic Peptide (BNP) Be Measured Routinely?., 2023,, 67-74.		0
399	Associations between elevated high-sensitive cardiac troponin t and outcomes in patients with acute abdominal pain. European Journal of Trauma and Emergency Surgery, 0, , .	1.7	0
400	Evaluation of the cardiovascular risk in patients undergoing major non-cardiac surgery: role of cardiac-specific biomarkers. Clinical Chemistry and Laboratory Medicine, 2022, 60, 1525-1542.	2.3	8
401	Myocardial injury in patients with hypertonic disease at osteosynthesis of the hip and spinal anesthesia. Regional Anesthesia and Acute Pain Management, 2022, 16, 79-86.	0.2	3
402	Postoperative Myocardial Injury and Platelet Reactivity in Patients Undergoing Vascular Surgery. The Platelet Reactivity and Postoperative Myocardial Injury after Major Vascular Surgery (PROMISE) Study. SSRN Electronic Journal, 0, , .	0.4	0
403	Perioperative Risk Assessment of Patients Using the MyRISK Digital Score Completed Before the Preanesthetic Consultation: Prospective Observational Study. JMIR Perioperative Medicine, 0, 6, e39044.	1.0	1
404	Association between hypotension and myocardial injury in patients with severe trauma. European Journal of Trauma and Emergency Surgery, 2023, 49, 217-225.	1.7	4
405	2022 ESC Guidelines on cardiovascular assessment and management of patients undergoing non-cardiac surgery. European Heart Journal, 2022, 43, 3826-3924.	2.2	298
406	In-hospital mortality of patients requiring unplanned postoperative ventilatory support: a multicenter observational study. Perioperative Medicine (London, England), 2022, 11, .	1.5	2
407	The effects of <scp>preoperative focused</scp> cardiac ultrasound in highâ€risk patients: A randomised controlled trial (<scp>PREOPFOCUS</scp>). Acta Anaesthesiologica Scandinavica, 2022, 66, 1174-1184.	1.6	4
408	Association of eri erative spirin- esis ance and ardio ascular utcome (POPART- CVO) $\hat{a} \in \hat{a}$ a prospective non-interventional cohort study. European Journal of Vascular and Endovascular Surgery, 2022, , .	1.5	2
409	Readmission Following Perioperative Myocardial Injury: Clinical Predictors and Impact on Mortality. Critical Care Research and Practice, 2022, 2022, 1-6.	1.1	0
410	Perioperative cardiovascular pathophysiology in patients undergoing lung resection surgery: a narrative review. British Journal of Anaesthesia, 2023, 130, e66-e79.	3.4	9
411	Postoperative complications and myocardial injury in patients receiving air or oxygen. Prospective, randomised and pilot study. Acta Anaesthesiologica Scandinavica, 2022, 66, 1185-1192.	1.6	3
412	Perioperative blood transfusion in major abdominal cancer surgery: a multi-centre service evaluation and national survey. , 2022, 3, 100032.		2
413	Postoperative myocardial injury and platelet reactivity in patients undergoing vascular surgery: The platelet reactivity and postoperative myocardial injury after major vascular surgery (PROMISE) study. Thrombosis Research, 2022, 218, 177-185.	1.7	1

#	Article	IF	CITATIONS
414	Prevention of cardiac complications in patients with coronary artery disease undergoing vascular surgery: possibilities of nicorandil. Kardiologiya I Serdechno-Sosudistaya Khirurgiya, 2022, 15, 402.	0.3	1
415	Évaluation de la pertinence de l'application de l'algorithme d'estimation du risque cardiaque périopératoire de la Société canadienne de cardiologie publié en 2016 chez les patients subissant une chirurgie élective non cardiaque avec insuffisance rénale chronique de stade 3b et plus. Canadian lournal of General Internal Medicine. 2022. 17. 24-32.	0.2	О
416	PRE-OPerative ECHOcardiograhy for prevention of cardiovascular events after non-cardiac surgery in intermediate- and high-risk patients: protocol for a low-interventional, mixed-cohort prospective study design (PREOP-ECHO). Trials, 2022, 23, .	1.6	3
417	Incidence and risk factors for myocardial injury after laparoscopic adrenalectomy for pheochromocytoma: A retrospective cohort study. Frontiers in Oncology, 0, 12, .	2.8	2
418	Hypobaric Unilateral Spinal Anesthesia Versus General Anesthesia for Hip Fracture Surgery in the Elderly: A Randomized Controlled Trial. Anesthesia and Analgesia, 2022, 135, 1262-1270.	2.2	11
419	Frailty and emergency surgery: identification and evidenceâ€based care for vulnerable older adults. Anaesthesia, 2022, 77, 1430-1438.	3.8	4
420	Perioperative changes in cardiac biomarkers in juvenile cats during neutering. Frontiers in Veterinary Science, 0, 9, .	2.2	0
421	Predicting Postoperative Troponin in Patients Undergoing Elective Hip or Knee Arthroplasty: A Comparison of Five Cardiac Risk Prediction Tools. Cardiology Research and Practice, 2022, 2022, 1-7.	1.1	1
422	Preoperative evaluation and perioperative management of patients undergoing major vascular surgery. Vascular Medicine, 2022, 27, 496-512.	1.5	9
423	Perioperative infarction and myocardial injury: risk factors, mechanisms of development and clinical and epidemiological features. Vestnik of Russian Military Medical Academy, 2022, 24, 557-566.	0.3	O
424	Exploring cardiac effects after oxytocin 2.5 IU or carbetocin 100 Î⅓g. European Journal of Anaesthesiology, 2022, 39, 928-938.	1.7	3
425	Temporary postoperative myocardial injury and long-term survival in liver transplant patients with coronary artery disease. Anesthesia and Pain Medicine, 2022, 17, 404-411.	1.4	О
426	Effect of Dexamethasone on Myocardial Injury After Total Knee Arthroplasty: A Substudy of the Randomized Clinical DEX-2-TKA Trial. American Journal of Medicine, 2023, 136, 193-199.	1.5	1
427	Perioperative Management of Patients Affected by Ischemic Cardiomyopathy., 2022,, 3-17.		O
428	Risk of cardiac events after elective versus urgent or emergent noncardiac surgery: Implications for quality measurement and improvement. Journal of Clinical Anesthesia, 2023, 84, 110994.	1.6	4
429	Postâ€operative survival in head and neck cancer patients with elevated troponins. Clinical Otolaryngology, 2023, 48, 200-205.	1.2	1
430	Comparison of Prognostic Value of 10 Biochemical Indices at Admission for Prediction Postoperative Myocardial Injury and Hospital Mortality in Patients with Osteoporotic Hip Fracture. Journal of Clinical Medicine, 2022, 11, 6784.	2.4	3
431	Perioperative troponin surveillance in major noncardiac surgery: a narrative review. British Journal of Anaesthesia, 2023, 130, 21-28.	3.4	11

#	Article	IF	CITATIONS
432	Implementing screening for myocardial injury in non-cardiac surgery: perspectives of an ad-hoc interdisciplinary expert group. Scandinavian Cardiovascular Journal, 2023, 57, 31-39.	1.2	O
433	Absence of significant myocardial injury following elective direct current cardioversion for atrial fibrillation. Heart Rhythm O2, 2023, 4, 180-186.	1.7	1
434	Study protocol for an observational cohort evaluating incidence and clinical relevance of perioperative elevation of high-sensitivity troponin I and N-terminal pro-brain natriuretic peptide in patients undergoing lung resection. BMJ Open, 2022, 12, e063778.	1.9	0
435	Acute heart failure after nonâ€cardiac surgery: incidence, phenotypes, determinants and outcomes. European Journal of Heart Failure, 2023, 25, 347-357.	7.1	7
436	Impact of the period of the day on all-cause mortality and major cardiovascular complications after arterial vascular surgeries. PLoS ONE, 2023, 18, e0279873.	2.5	0
437	Lot-to-lot bias for high-sensitivity cardiac troponin I concentrationsÂ≥1000Âng/L. Clinical Chemistry and Laboratory Medicine, 2023, 61, e105-e107.	2.3	3
438	Detection of Myocardial Injury After Non-Cardiac Surgery: Levelling the Troponin Playing Field. Canadian Journal of Cardiology, 2023, , .	1.7	0
439	Long-term outcomes of perioperative myocardial infarction/injury after non-cardiac surgery. European Heart Journal, 2023, 44, 1690-1701.	2.2	21
440	Prediction model for myocardial injury after non-cardiac surgery using machine learning. Scientific Reports, 2023, 13, .	3.3	5
441	Cardiovascular Disease: Preoperative Testing and Evaluation for Noncardiac Surgery., 2023,, 352-360.		0
442	High-Sensitivity Cardiac Troponin I Thresholds to Identify Myocardial Injury After Noncardiac Surgery: A Cohort Study. Canadian Journal of Cardiology, 2023, 39, 311-318.	1.7	7
443	Troponin as a Biomarker: Use in Non-cardiac Surgery. Biomarkers in Disease, 2023, , 413-429.	0.1	0
444	Rationale and design of the colchicine for the prevention of perioperative atrial fibrillation in patients undergoing major noncardiac thoracic surgery (COP-AF) trial. American Heart Journal, 2023, 259, 87-96.	2.7	1
445	Norepinephrine versus phenylephrine for treating hypotension during general anaesthesia in adult patients undergoing major noncardiac surgery: a multicentre, open-label, cluster-randomised, crossover, feasibility, and pilot trial. British Journal of Anaesthesia, 2023, 130, 519-527.	3.4	4
446	Perioperative strategies to reduce risk of myocardial injury after non-cardiac surgery (MINS): A narrative review. Journal of Clinical Anesthesia, 2023, 87, 111106.	1.6	4
447	Variability of cardiac troponin levels in normal subjects and in patients with cardiovascular diseases: analytical considerations and clinical relevance. Clinical Chemistry and Laboratory Medicine, 2023, 61, 1209-1229.	2.3	12
448	Potential risks of non-cardiac peri-operative myocardial infarction/injury. European Heart Journal, 2023, 44, 1702-1704.	2.2	1
449	High-sensitivity Troponin I Predicts Major Cardiovascular Events after Non-Cardiac Surgery: A Vascular Events in Non-Cardiac Surgery Patients Cohort Evaluation (VISION) Substudy. Clinical Chemistry, 2023, 69, 492-499.	3.2	2

#	Article	IF	CITATIONS
450	Prevalence and trends of perioperative major adverse cardiovascular and cerebrovascular events during cancer surgeries. Scientific Reports, 2023, 13, .	3.3	0
451	Higher Preoperative Red Blood Cell Distribution Width Increases the Risk of Myocardial Injury After Noncardiac Surgery in Advanced-Age Patients: A Retrospective Cohort Study. Clinical Interventions in Aging, 0, Volume 18, 169-179.	2.9	1
452	Troponin in non-cardiac departmentâ€"finding a stray piece of puzzle?. Annals of Translational Medicine, 2023, 11, 141-141.	1.7	0
453	Trends and In-Hospital Mortality for Perioperative Myocardial Infarction After the Introduction of a Diagnostic Code for Type 2 Myocardial Infarction in the United States Between 2016 and 2018. Anesthesia and Analgesia, 2024, 138, 420-429.	2.2	0
454	Scutellarin ameliorates ischemia/reperfusion injuryâ€ʻinduced cardiomyocyte apoptosis and cardiac dysfunction via inhibition of the cGASâ€ʻSTING pathway. Experimental and Therapeutic Medicine, 2023, 25, .	1.8	5
455	Cardiac assessment and management in older surgical patients. International Anesthesiology Clinics, 2023, 61, 1-7.	0.8	0
456	Cardiovascular Toxicity and Risk Mitigation with Lung Cancer Treatment. Current Oncology Reports, 2023, 25, 433-444.	4.0	4
457	Perioperative Myocardial Injury., 2023, 51, 3-9.		1
458	Prognostic value of preoperative left ventricular global longitudinal strain for predicting postoperative myocardial injury and mortality in patients undergoing major non-cardiac surgery (SOLOMON study). International Journal of Cardiology, 2023, 378, 151-158.	1.7	2
459	Real-Time Ultrasound Guidance as Compared With Landmark Technique for Subclavian Central Venous Cannulation: A Systematic Review and Meta-Analysis With Trial Sequential Analysis*. Critical Care Medicine, 2023, 51, 642-652.	0.9	16
460	Pre-operative Cardiovascular Risk Assessment in Non-cardiac General Surgery. , 2023, , 95-106.		0
461	Wireless Single-Lead versus Standard 12-Lead ECG, for ST-Segment Deviation during Adenosine Cardiac Stress Scintigraphy. Sensors, 2023, 23, 2962.	3.8	1
462	Association Between Hospital Postoperative Troponin Use and Patient Outcomes After Vascular Surgery. Anesthesia and Analgesia, 2023, 137, 629-637.	2.2	1
463	Effect of perioperative aspirin continuation on bleeding after pneumonectomy. Thoracic Cancer, 0, , .	1.9	1
464	Effects of preoperative nutritional status on disability-free survival after cardiac and thoracic aortic surgery: a prospective observational study. Journal of Anesthesia, 0, , .	1.7	0
465	Serum B-type natriuretic peptide levels (BNP) can be used as a predictor of complications in patients undergoing non-cardiac surgery: a prospective observational study. Open Heart, 2023, 10, e002256.	2.3	1
466	Sex differences in myocardial injury after non-cardiac surgery and postoperative mortality. Perioperative Medicine (London, England), 2023, 12, .	1.5	0
467	Therapeutic Strategies in Patients with Postoperative Elevation of Cardiac Biomarkers. Biomarkers in Disease, 2023, , 87-104.	0.1	0

#	Article	IF	CITATIONS
468	Intraoperative Management and Its Influence on Postoperative Biomarker Release. Biomarkers in Disease, 2023, , 525-547.	0.1	0
469	Improving the accuracy of revised cardiac risk index with HbA1C: Hemoglobin ratio (HH ratio) $\hat{a} \in A$ retrospective cohort study. Frontiers in Medicine, 0, 10, .	2.6	1
470	Incidence and characteristics of early elevation of cardiac troponin I after intrathoracic surgery: A single-center retrospective observational study. Medicine (United States), 2023, 102, e33361.	1.0	0
471	Risk assessment for major adverse cardiovascular events after noncardiac surgery using self-reported functional capacity: international prospective cohort study. British Journal of Anaesthesia, 2023, 130, 655-665.	3.4	9
472	Effects of Combined Use of Salbutamol/Budesonide in Thoracic Surgery on Postoperative Myocardial Injury (MINS) – A Prospective Randomized Clinical Trial. Drug Design, Development and Therapy, 0, Volume 17, 1025-1036.	4.3	0
473	The incidence and risk factors of perioperative cardiac complications in noncardiac major surgery in high-altitude areas: A prospective trial in Tibet autonomous region, China. Frontiers in Cardiovascular Medicine, 0, 10, .	2.4	0
474	Efficacy of remote ischaemic preconditioning on outcomes following non-cardiac non-vascular surgery: a systematic review and meta-analysis. Perioperative Medicine (London, England), 2023, 12, .	1.5	1
475	Association of Preoperative Growth Differentiation Factor-15 Concentrations and Postoperative Cardiovascular Events after Major Noncardiac Surgery. Anesthesiology, 2023, 138, 508-522.	2.5	2
476	Prediction of Acute Myocardial Injury in Noncardiac Surgery in Patients at Risk for Major Adverse Cardiovascular and Cerebrovascular Events: A Multivariable Risk Model. Anesthesia and Analgesia, 2023, 137, 1116-1126.	2.2	1
477	Machine learning to predict myocardial injury and death after nonâ€cardiac surgery. Anaesthesia, 2023, 78, 853-860.	3.8	2
478	Conversion between B-type natriuretic peptide and N-terminal pro B-type natriuretic peptide in perioperative risk assessment: protocol for a prospective cohort study. BMJ Open, 2023, 13, e068147.	1.9	0
479	Hypotension-Avoidance Versus Hypertension-Avoidance Strategies in Noncardiac Surgery. Annals of Internal Medicine, 2023, 176, 605-614.	3.9	23
480	Long-term major adverse cardiovascular events following myocardial injury after non-cardiac surgery: meta-analysis. BJS Open, 2023, 7, .	1.7	0
481	Perioperative cardiac risk reduction in non cardiac surgery. Minerva Medica, 2024, 114, .	0.9	0
482	Intraoperative hypotension when using hypotension prediction index software during major noncardiac surgery: a European multicentre prospective observational registry (EU HYPROTECT)., 2023, 6, 100140.		7
483	Quality of recovery in hospital and disability-free survival at three months after major abdominal surgery. Korean Journal of Anesthesiology, 2023, 76, 567-574.	2.5	1
484	Deviations in continuously monitored electrodermal activity before severe clinical complications: a clinical prospective observational explorative cohort study. Journal of Clinical Monitoring and Computing, 0, , .	1.6	1
485	ESAIC focused guideline for the use of cardiac biomarkers in perioperative risk evaluation. European Journal of Anaesthesiology, 2023, 40, 888-927.	1.7	12

#	Article	IF	CITATIONS
486	Enhanced Recovery After Surgery (ERAS®) Society Consensus Guidelines for Emergency Laparotomy Part 3: Organizational Aspects and General Considerations for Management of the Emergency Laparotomy Patient. World Journal of Surgery, 2023, 47, $1881-1898$.	1.6	2
487	The Value of Troponin Measurement in Carotid Revascularization: A Scoping Review. Journal of Endovascular Therapy, 0, , 152660282311798.	1.5	1
488	Incidence, severity and detection of blood pressure and heart rate perturbations in postoperative ward patients after noncardiac surgery. Journal of Clinical Anesthesia, 2023, 89, 111159.	1.6	4
489	Association of triglyceride-glucose index with myocardial injury post-stroke in older patients with first-ever ischemic stroke. BMC Geriatrics, 2023, 23, .	2.7	0
490	Effect of active warming on perioperative cardiovascular outcomes: a systematic review and meta-analysis of randomized controlled trials. Journal of Anesthesia, 0, , .	1.7	0
491	Cardiovascular risk management in the periâ€operative setting. Medical Journal of Australia, 2023, 219, 30-39.	1.7	0
492	Incidence and risk factors of postoperative acute myocardial injury in noncardiac patients: A systematic review and meta-analysis. PLoS ONE, 2023, 18, e0286431.	2.5	1
493	Assessment of the prognostic value of preoperative high-sensitive troponin T for myocardial injury and long-term mortality for groups at high risk for cardiovascular events following noncardiac surgery: a retrospective cohort study. Frontiers in Medicine, 0, 10, .	2.6	1
494	Effects of remote ischaemic preconditioning on myocardial injury after major abdominal surgery in patients at high risk for cardiovascular adverse events in China (RIPC-MAS): protocol for a randomised, sham-controlled, observer-blinded trial. BMJ Open, 2023, 13, e073038.	1.9	0
495	Global burden of postoperative Myocardial infarction among noncardiac surgical patients: A systematic review, meta-analysis and meta-regression. Trends in Anaesthesia and Critical Care, 2023, 50, 101252.	0.9	0
496	The clinical importance of high-sensitivity cardiac troponin measurements for risk prediction in non-cardiac surgery. Expert Review of Molecular Diagnostics, 2023, 23, 535-544.	3.1	3
497	Troponin T Levels and When to Peek Using CMR in Patients With MINOCA. Canadian Journal of Cardiology, 2023, 39, 945-946.	1.7	0
499	Effectiveness of intraoperative nicorandil in patients with a history of ischemic heart disease undergoing high-risk noncardiac surgery: a retrospective cohort study. Journal of Anesthesia, 2023, 37, 562-572.	1.7	1
501	Myocardial Injury After Noncardiac Surgery in Major General Surgical Patients a Prospective Observational Cohort Study. Annals of Surgery, 2023, 278, e1192-e1197.	4.2	3
502	Kardiale, perioperative Risikobeurteilung. Springer Reference Medizin, 2023, , 1-23.	0.0	0
503	Prediction of perioperative myocardial infarction/injury in high-risk patients after noncardiac surgery. European Heart Journal: Acute Cardiovascular Care, 0, , .	1.0	1
504	JCS 2022 Guideline on Perioperative Cardiovascular Assessment and Management for Non-Cardiac Surgery. Circulation Journal, 2023, 87, 1253-1337.	1.6	5
505	The Relevance of Implementing the Systematic Screening of Perioperative Myocardial Injury in Noncardiac Surgery Patients. Journal of Clinical Medicine, 2023, 12, 5371.	2.4	0

#	Article	IF	CITATIONS
506	Antiplatelet therapy and long-term mortality in patients with myocardial injury after non-cardiac surgery. Open Heart, 2023, 10, e002318.	2.3	1
507	Effect of colchicine on perioperative atrial fibrillation and myocardial injury after non-cardiac surgery in patients undergoing major thoracic surgery (COP-AF): an international randomised trial. Lancet, The, 2023, 402, 1627-1635.	13.7	11
509	Study protocol for IMPRoVE: a multicentre prospective observational cohort study of the incidence, impact and mechanisms of perioperative right ventricular dysfunction in non-cardiac surgery. BMJ Open, 2023, 13, e074687.	1.9	0
510	Routine post-operative troponin surveillance after non-cardiac surgery: are we ready?. European Heart Journal, 2023, 44, 3440-3442.	2.2	3
511	Myocardial injury and long-term oncological outcomes in patients undergoing surgery for colorectal cancer. International Journal of Colorectal Disease, 2023, 38, .	2.2	0
512	Prognostischer Wert der erweiterten kardialen Risikobeurteilung vor elektiver offener Bauchaortenchirurgie. Herz, 0, , .	1.1	1
513	Assessment and modification of cardiovascular risk in non-cardiac surgery. Clinical guidelines 2023. Russian Journal of Cardiology, 2023, 28, 5555.	1.4	1
514	Perloperative iNflammatory reSponse assessment In hiGH-risk patienTs undergoing non-cardiac surgery (INSIGHT): study protocol of a prospective non-interventional observational study. BMJ Open, 2023, 13, e065469.	1.9	1
515	Late Mortality After Myocardial Injury in Critical Care Non-Cardiac Surgery Patients Using Machine Learning Analysis. American Journal of Cardiology, 2023, 204, 70-76.	1.6	2
516	Postoperative elevated cardiac troponin levels predict all-cause mortality and major adverse cardiovascular events following noncardiac surgery: A dose-response meta-analysis of prospective studies. Journal of Clinical Anesthesia, 2023, 90, 111229.	1.6	0
517	Postoperative pulmonary complications and mortality after major abdominal surgery. An observational multicenter prospective study. Minerva Anestesiologica, 0, , .	1.0	2
518	One-year Outcomes after Discharge from Noncardiac Surgery and Association between Predischarge Complications and Death after Discharge: Analysis of the VISION Prospective Cohort Study. Anesthesiology, 2024, 140, 8-24.	2.5	1
519	Guideline adherence to statin therapy and association with short-term and long-term cardiac complications following noncardiac surgery. European Journal of Anaesthesiology, 2023, 40, 854-864.	1.7	3
520	Effects of preoperative mildly elevated pulmonary artery systolic pressure on the incidence of perioperative adverse events undergoing thoracoscopic lobectomy: an observational cohort study protocol. BMJ Open, 2023, 13, e072084.	1.9	0
521	Initiatives to detect and prevent death from perioperative deterioration. Current Opinion in Anaesthesiology, 2023, 36, 676-682.	2.0	0
522	CARDIAC ONCOLOGY: A MODERN VIEW ON THE PROBLEM OF CHOOSING AN OPTIMAL STRATEGY FOR THE TREATMENT OF CORONARY ARTERY DISEASE AND CANCER. Complex Issues of Cardiovascular Diseases, 2023, 12, 98-108.	0.5	0
523	Péptido natriurético auricular como terapéutica especÃfica para disminuir la lesión miocárdica: protocolo del NatMioPower Trial. , 2023, 1, 10-12.		0
524	L'éIévation de la troponine comme marqueur de détérioration rapide et de décès à un an dans ui cohorte de patient·es de chirurgie à haut risque dans le contexte d'un pays à revenu faible et intermédiaireÂ: une approche postopératoire pour accroître la surveillance. Canadian Journal of Anaesthesia. O	ne 1.6	O

#	Article	IF	Citations
525	Discontinuation vs. continuation of renin–angiotensin system inhibition before non-cardiac surgery: the SPACE trial. European Heart Journal, 2024, 45, 1146-1155.	2.2	2
526	Association entre hypotension post-induction et mortalité postopératoire : une étude de cohorte rétrospective monocentrique. Canadian Journal of Anaesthesia, 2024, 71, 343-352.	1.6	0
527	Perioperative Major Adverse Cardiovascular Events and Acute Kidney Injury: Is Routine Postoperative Monitoring Indicated?. Current Anesthesiology Reports, 2023, 13, 335-346.	2.0	0
528	Effet d'une ligne directrice nationale sur le monitorage postopératoire de la troponine : une étude de cohorte rétrospective. Canadian Journal of Anaesthesia, 2024, 71, 322-329.	1.6	0
529	Implementation of a high sensitivity cardiac troponin I assay and risk of myocardial infarction or death at five years: observational analysis of a stepped wedge, cluster randomised controlled trial. BMJ, The, 0, , e075009.	6.0	2
530	Postoperative stellate ganglion block to reduce myocardial injury after laparoscopic radical resection for colorectal cancer: protocol for a randomised trial. BMJ Open, 2023, 13, e069183.	1.9	0
531	NT-proBNP or Self-Reported Functional Capacity in Estimating Risk of Cardiovascular Events After Noncardiac Surgery. JAMA Network Open, 2023, 6, e2342527.	5.9	0
532	Sex differences in post-operative outcomes following non-cardiac surgery. PLoS ONE, 2023, 18, e0293638.	2.5	0
533	Cost-effectiveness of a high-sensitivity cardiac troponin T systematic screening strategy compared with usual care to identify patients with peri-operative myocardial injury after major noncardiac surgery. European Journal of Anaesthesiology, 2023, 40, 884-885.	1.7	0
534	Self-reported fitness as a measure of perioperative cardiovascular risk: tension between subjective and objective assessments persists. British Journal of Anaesthesia, 2023, , .	3.4	O
535	Postoperative Myocardial Injury and Inflammatory Biomarkers in Patients Undergoing Vascular Surgery: A Subanalysis of the Platelet Reactivity and Postoperative Myocardial Injury after Major Vascular Surgery (PROMISE) Study. Annals of Vascular Surgery, 2023, , .	0.9	0
536	Protocol: dexmedetomidine on myocardial injury after noncardiac surgery—a multicenter, double-blind, controlled trial. Perioperative Medicine (London, England), 2023, 12, .	1.5	0
537	Perioperative myocardial injury is associated with increased postoperative non-cardiac complications in patients undergoing vascular surgery: a post hoc analysis of a randomised clinical pilot trial. Perioperative Medicine (London, England), 2023, 12, .	1.5	0
538	Analysis of serum troponin for the diagnosis of perioperative myocardial injury and dynamics of NT-proBNP in high cardiac risk patients after elective craniotomy for brain tumors. Laboratornaya Sluzhba, 2023, 12, 51.	0.2	0
539	Risk of Mortality Following Surgery in Patients With a Previous Cardiovascular Event. JAMA Surgery, 2024, 159, 140.	4.3	1
540	Perioperative myocardial injury in patients with coronary artery disease during elective lower limb surgery. Rational Pharmacotherapy in Cardiology, 2023, 19, 444-451.	0.8	0
541	Postoperative myocardial injury phenotypes and self-reported disability in patients undergoing noncardiac surgery: a multicentre observational study. British Journal of Anaesthesia, 2024, 132, 35-44.	3.4	1
543	Characterization of Myocardial Injury With High-Sensitivity Troponin. Texas Heart Institute Journal, 2023, 50, .	0.3	0

#	Article	IF	CITATIONS
544	Lower myocardial infarction and all-cause mortality with laparoscopic cholecystectomy compared with $\hat{A}open$ cholecystectomy. Future Cardiology, 0, , .	1.2	О
545	Follicle-Stimulating Hormone Exacerbates Cardiovascular Disease inÂthe Presence of Low or Castrate Testosterone Levels. JACC Basic To Translational Science, 2023, , .	4.1	0
546	Perioperative Patients With Hemodynamic Instability: Consensus Recommendations of the Anesthesia Patient Safety Foundation. Anesthesia and Analgesia, 2024, 138, 713-724.	2.2	1
547	Kardiale, perioperative Risikobeurteilung. Springer Reference Medizin, 2023, , 707-729.	0.0	0
548	The effects of troponin screening among patients undergoing acute highâ€risk abdominal surgery: A retrospective cohort study. Acta Anaesthesiologica Scandinavica, 2024, 68, 476-484.	1.6	0
549	Epidural administration of large dose of opioid $\hat{l}^4\!\!/\!\!4$ receptor agonist may impair cardiac functions and myocardial viability via desensitizing transient receptor potential vanilloid 1. Toxicology and Applied Pharmacology, 2024, 483, 116802.	2.8	0
550	The effect of a post-anaesthesia high-care unit (PAHCU) admission on mobilization, length of stay and in-hospital mortality post-surgery in low energy neck of femur fracture patients. European Journal of Orthopaedic Surgery and Traumatology, 2024, 34, 1389-1396.	1.4	0
551	Prognostic value of high-sensitivity cardiac troponin in non-cardiac surgical patients in intensive care units. Internal and Emergency Medicine, 2024, 19, 201-209.	2.0	0
552	Association between troponin I levels and mortality among patients undergoing acute highâ€risk abdominal surgery—A cohort study. World Journal of Surgery, 2024, 48, 361-370.	1.6	0
553	Remote Monitoring and Artificial Intelligence: Outlook for 2050. Anesthesia and Analgesia, 2024, 138, 350-357.	2.2	3
554	Postoperative troponin surveillance to detect myocardial infarction: an observational cohort modelling study. British Journal of Anaesthesia, 2024, 132, 667-674.	3.4	0
555	Introduction of a Post-Anaesthesia Care Unit in a Teaching Hospital Is Associated with a Reduced Length of Hospital Stay in Noncardiac Surgery: A Single-Centre Interrupted Time Series Analysis. Journal of Clinical Medicine, 2024, 13, 534.	2.4	0
556	Perioperative copeptin: predictive value and risk stratification in patients undergoing major noncardiac surgery—a prospective observational cohort study. Canadian Journal of Anaesthesia, 2024, 71, 330-342.	1.6	0
557	Pathophysiological mechanisms underlying increased circulating cardiac troponin in noncardiac surgery: a narrative review. British Journal of Anaesthesia, 2024, 132, 653-666.	3.4	0
558	Perioperative myocardial injury and infarction after noncardiac surgery: a review of pathophysiology, diagnosis, and management. Frontiers in Cardiovascular Medicine, $0,11,.$	2.4	0
559	Importância Prognóstica do Eletrocardiograma Pré-Operatório em Pacientes de Baixo Risco Submetidos à Intervenção Cirúrgica sob Anestesia Geral. Arquivos Brasileiros De Cardiologia, 2024, 121, .	0.8	1
560	Impact of postoperative cardiovascular complications on 30â€day mortality after major abdominal surgery: an international prospective cohort study. Anaesthesia, 0, , .	3.8	0
561	Serum metabolism characteristics of patients with myocardial injury after noncardiac surgery explored by the untargeted metabolomics approach. BMC Cardiovascular Disorders, 2024, 24, .	1.7	0

#	ARTICLE	IF	CITATIONS
562	Continuous vs intermittent Non-Invasive blood pressure MONitoring in preventing postoperative organ failure (niMON): study protocol for an open-label, multicenter randomized trial. Journal of Anesthesia, Analgesia and Critical Care, 2024, 4, .	1.3	1
563	Periprocedural myocardial infarction and injury. European Heart Journal: Acute Cardiovascular Care, 0, , .	1.0	0
564	Myocardial Injury after Non-Cardiac Surgery in Patients Who Underwent Open Repair for Abdominal Aortic Aneurysm: A Retrospective Study. Journal of Clinical Medicine, 2024, 13, 959.	2.4	0
567	Effect of continuing angiotensin-converting enzyme inhibitors or angiotensin II receptor blockers on the day of surgery on myocardial injury after non-cardiac surgery: A retrospective cohort study. Journal of Clinical Anesthesia, 2024, 94, 111401.	1.6	0
569	Pathological findings associated with the updated European Society of Cardiology 2022 guidelines for preoperative cardiac testing: an observational cohort modelling study. British Journal of Anaesthesia, 2024, 132, 675-684.	3.4	0
570	Preoperative N-terminal pro-B-type natriuretic peptide and myocardial injury after stopping or continuing renin–angiotensin system inhibitors in noncardiac surgery: a prespecified analysis of a phase 2 randomised controlled multicentre trial. British Journal of Anaesthesia, 2024, 132, 857-866.	3.4	0
571	High-Sensitivity Cardiac Troponin T and Frailty Predict Short-Term Mortality in Patients ≥75 Years Undergoing Emergency Abdominal Surgery: A Prospective Observational Study. Anesthesia and Analgesia, 0, , .	2.2	0
572	Association Between High Sensitivity Troponin Levels Following Pediatric Orthotopic Heart Transplantation and Intensive Care Unit Resource Utilization. Pediatric Cardiology, 2024, 45, 829-839.	1.3	0
573	Wireless continuous singleâ€lead <scp>ST</scp> â€segment monitoring to detect newâ€onset myocardial injury at the general ward—An exploratory subanalysis. Acta Anaesthesiologica Scandinavica, 2024, 68, 681-692.	1.6	0
574	Impact of preoperative hypercoagulability on myocardial injury in overweight and obese patients undergoing lower limb arthroplasty: An observational study. Indian Journal of Anaesthesia, 2024, 68, 298-302.	1.0	0
575	Postoperative Myocardial Infarction after Non-Cardiac Surgery: An Update. Journal of Clinical Medicine, 2024, 13, 1473.	2.4	0
576	Prognostic value of perioperative high sensitivity troponin in patients undergoing hip and knee arthroplasty. Clinics, 2024, 79, 100342.	1.5	0
577	Association between preoperative frailty and myocardial injury after noncardiac surgery in geriatric patients: study protocol for a prospective, multicentre, real-world observational, cohort trial. BMC Geriatrics, 2024, 24, .	2.7	0
578	Positive effects of low-dose S-ketamine on preventing myocardial injury after thoracoscopic lobectomy in patients aged 70 to 85. BMC Anesthesiology, 2024, 24, .	1.8	0
579	Metformin Use in Type 2 Diabetics and Delirium After Noncardiac Surgery: A Retrospective Cohort Analysis. Anesthesia and Analgesia, 0, , .	2.2	0