

Kate Leslie

List of Publications by Year in descending order

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136
papers

11,292
citations

50276
46
h-index

29157
104
g-index

136
all docs

136
docs citations

136
times ranked

7306
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of extended-release metoprolol succinate in patients undergoing non-cardiac surgery (POISE) Trial. <i>New England Journal of Medicine</i> , 2014, 370, 1494-1503.	13.7	1,984
2	Aspirin in Patients Undergoing Noncardiac Surgery. <i>New England Journal of Medicine</i> , 2014, 370, 1494-1503.	27.0	735
3	Restrictive versus Liberal Fluid Therapy for Major Abdominal Surgery. <i>New England Journal of Medicine</i> , 2018, 378, 2263-2274.	27.0	561
4	Characteristics and Short-Term Prognosis of Perioperative Myocardial Infarction in Patients Undergoing Noncardiac Surgery. <i>Annals of Internal Medicine</i> , 2011, 154, 523.	3.9	557
5	Perioperative cardiac events in patients undergoing noncardiac surgery: a review of the magnitude of the problem, the pathophysiology of the events and methods to estimate and communicate risk. <i>Cmaj</i> , 2005, 173, 627-634.	2.0	543
6	Avoidance of Nitrous Oxide for Patients Undergoing Major Surgery. <i>Anesthesiology</i> , 2007, 107, 221-231.	2.5	397
7	How strong is the evidence for the use of perioperative β_2 blockers in non-cardiac surgery? Systematic review and meta-analysis of randomised controlled trials. <i>BMJ: British Medical Journal</i> , 2005, 331, 313-321.	2.3	366
8	Mild Hypothermia Alters Propofol Pharmacokinetics and Increases the Duration of Action of Atracurium. <i>Anesthesia and Analgesia</i> , 1995, 80, 1007-1014.	2.2	336
9	Assessment of functional capacity before major non-cardiac surgery: an international, prospective cohort study. <i>Lancet, The</i> , 2018, 391, 2631-2640.	13.7	317
10	Clonidine in Patients Undergoing Noncardiac Surgery. <i>New England Journal of Medicine</i> , 2014, 370, 1504-1513.	27.0	285
11	Propofol Blood Concentration and the Bispectral Index Predict Suppression of Learning During Propofol/Epidural Anesthesia in Volunteers. <i>Anesthesia and Analgesia</i> , 1995, 81, 1269-1274.	2.2	235
12	Period-dependent Associations between Hypotension during and for Four Days after Noncardiac Surgery and a Composite of Myocardial Infarction and Death. <i>Anesthesiology</i> , 2018, 128, 317-327.	2.5	200
13	Surveillance and prevention of major perioperative ischemic cardiac events in patients undergoing noncardiac surgery: a review. <i>Cmaj</i> , 2005, 173, 779-788.	2.0	199
14	The Effect of Bispectral Index Monitoring on Long-Term Survival in the B-Aware Trial. <i>Anesthesia and Analgesia</i> , 2010, 110, 816-822.	2.2	198
15	The safety of addition of nitrous oxide to general anaesthesia in at-risk patients having major non-cardiac surgery (ENIGMA-II): a randomised, single-blind trial. <i>Lancet, The</i> , 2014, 384, 1446-1454.	13.7	178
16	Posttraumatic Stress Disorder in Aware Patients from the B-Aware Trial. <i>Anesthesia and Analgesia</i> , 2010, 110, 823-828.	2.2	153
17	Prediction of Movement during Propofol/Nitrous Oxide Anesthesia. <i>Anesthesiology</i> , 1996, 84, 52-63.	2.5	148
18	Anaesthetic depth and delirium after major surgery: a randomised clinical trial. <i>British Journal of Anaesthesia</i> , 2021, 127, 704-712.	3.4	134

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19	Perioperative hypothermia in the high-risk surgical patient. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2003, 17, 485-498.	4.0	132
20	Tranexamic Acid in Patients Undergoing Noncardiac Surgery. <i>New England Journal of Medicine</i> , 2022, 386, 1986-1997.	27.0	125
21	Anaesthetic depth and complications after major surgery: an international, randomised controlled trial. <i>Lancet, The</i> , 2019, 394, 1907-1914.	13.7	117
22	Reduction in the Shivering Threshold Is Proportional to Spinal Block Height. <i>Anesthesiology</i> , 1996, 84, 1327-1331.	2.5	111
23	Rationale, design, and organization of the PeriOperative ISchemic Evaluation (POISE) Trial: A randomized controlled trial of metoprolol versus placebo in patients undergoing noncardiac surgery. <i>American Heart Journal</i> , 2006, 152, 223-230.	2.7	111
24	Nitrous Oxide and Long-Term Morbidity and Mortality in the ENIGMA Trial. <i>Anesthesia and Analgesia</i> , 2011, 112, 387-393.	2.2	111
25	Quality of Recovery from Anesthesia in Neurosurgical Patients. <i>Anesthesiology</i> , 2003, 99, 1158-1165.	2.5	110
26	Perioperative Aspirin and Clonidine and Risk of Acute Kidney Injury. <i>JAMA - Journal of the American Medical Association</i> , 2014, 312, 2254.	7.4	105
27	Postoperative complications and mortality in older patients having noncardiac surgery at three Melbourne teaching hospitals. <i>Medical Journal of Australia</i> , 2007, 186, 447-452.	1.7	103
28	Risk factors for severe postoperative nausea and vomiting in a randomized trial of nitrous oxide-based vs nitrous oxide-free anaesthesia. <i>British Journal of Anaesthesia</i> , 2008, 101, 498-505.	3.4	97
29	Chronic postsurgical pain after nitrous oxide anesthesia. <i>Pain</i> , 2011, 152, 2514-2520.	4.2	95
30	Dreaming during Anesthesia and Anesthetic Depth in Elective Surgery Patients. <i>Anesthesiology</i> , 2007, 106, 33-42.	2.5	92
31	Dreaming and Electroencephalographic Changes during Anesthesia Maintained with Propofol or Desflurane. <i>Anesthesiology</i> , 2009, 111, 547-555.	2.5	92
32	Aspirin in Patients With Previous Percutaneous Coronary Intervention Undergoing Noncardiac Surgery. <i>Annals of Internal Medicine</i> , 2018, 168, 237.	3.9	87
33	Propofol Causes a Dose-dependent Decrease in the Thermoregulatory Threshold for Vasoconstriction but Has Little Effect on Sweating. <i>Anesthesiology</i> , 1994, 81, 353-360.	2.5	85
34	Early Cognitive Impairment After Sedation for Colonoscopy: The Effect of Adding Midazolam and/or Fentanyl to Propofol. <i>Anesthesia and Analgesia</i> , 2009, 109, 1448-1455.	2.2	81
35	Dexamethasone and Surgical-Site Infection. <i>New England Journal of Medicine</i> , 2021, 384, 1731-1741.	27.0	76
36	Neuraxial block, death and serious cardiovascular morbidity in the POISE trial. <i>British Journal of Anaesthesia</i> , 2013, 111, 382-390.	3.4	74

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37	Propofol Blood Concentration and the Bispectral Index Predict Suppression of Learning During Propofol/Epidural Anesthesia in Volunteers. <i>Anesthesia and Analgesia</i> , 1995, 81, 1269-1274.	2.2	71
38	Rationale and Design of the Balanced Anesthesia Study. <i>Anesthesia and Analgesia</i> , 2015, 121, 357-365.	2.2	69
39	Peri-operative hypothermia in the high-risk surgical patient. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 1999, 13, 349-361.	4.0	68
40	Venous air embolism and the sitting position: A case series. <i>Journal of Clinical Neuroscience</i> , 2006, 13, 419-422.	1.5	67
41	Nitrous oxide and perioperative cardiac morbidity (ENIGMA-II) Trial: Rationale and design. <i>American Heart Journal</i> , 2009, 157, 488-494.e1.	2.7	60
42	Gender and Recovery After General Anesthesia Combined with Neuromuscular Blocking Drugs. <i>Anesthesia and Analgesia</i> , 2006, 102, 291-297.	2.2	57
43	Safety of sedation for gastrointestinal endoscopy in a group of university-affiliated hospitals: a prospective cohort study. <i>British Journal of Anaesthesia</i> , 2017, 118, 90-99.	3.4	55
44	Low Bispectral Index Values and Death. <i>Anesthesia and Analgesia</i> , 2011, 113, 660-663.	2.2	54
45	Dreaming during anaesthesia in patients at high risk of awareness. <i>Anaesthesia</i> , 2005, 60, 239-244.	3.8	51
46	Target-controlled infusion versus manually-controlled infusion of propofol for general anaesthesia or sedation in adults. , 2008, , CD006059.		51
47	Systematic review and consensus definitions for the Standardized Endpoints in Perioperative Medicine (StEP) initiative: cardiovascular outcomes. <i>British Journal of Anaesthesia</i> , 2021, 126, 56-66.	3.4	51
48	Severe acute pain and persistent post-surgical pain in orthopaedic trauma patients: a cohort study. <i>British Journal of Anaesthesia</i> , 2019, 123, 350-359.	3.4	50
49	Nitrous Oxide and Serious Long-term Morbidity and Mortality in the Evaluation of Nitrous Oxide in the Gas Mixture for Anaesthesia (ENIGMA-II) Trial. <i>Anesthesiology</i> , 2015, 123, 1267-1280.	2.5	46
50	Restrictive versus liberal fluid therapy in major abdominal surgery (RELIEF): rationale and design for a multicentre randomised trial. <i>BMJ Open</i> , 2017, 7, e015358.	1.9	45
51	A Pilot Study for a Prospective, Randomized, Double-Blind Trial of the Influence of Anesthetic Depth on Long-Term Outcome. <i>Anesthesia and Analgesia</i> , 2014, 118, 981-986.	2.2	44
52	Implication of Major Adverse Postoperative Events and Myocardial Injury on Disability and Survival: A Planned Subanalysis of the ENIGMA-II Trial. <i>Anesthesia and Analgesia</i> , 2018, 127, 1118-1126.	2.2	43
53	Leukocyte DNA Damage and Wound Infection after Nitrous Oxide Administration. <i>Anesthesiology</i> , 2013, 118, 1322-1331.	2.5	40
54	Mild Core Hypothermia and Anesthetic Requirement for Loss of Responsiveness During Propofol Anesthesia for Craniotomy. <i>Anesthesia and Analgesia</i> , 2002, 94, 1298-1303.	2.2	39

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55	Women, Minorities, and Leadership in Anesthesiology: Take the Pledge. <i>Anesthesia and Analgesia</i> , 2017, 124, 1394-1396.	2.2	39
56	Severe Nausea and Vomiting in the Evaluation of Nitrous Oxide in the Gas Mixture for Anesthesia II Trial. <i>Anesthesiology</i> , 2016, 124, 1032-1040.	2.5	38
57	A randomized controlled trial of light versus deep propofol sedation for elective outpatient colonoscopy: recall, procedural conditions, and recovery. <i>Canadian Journal of Anaesthesia</i> , 2015, 62, 1169-1178.	1.6	37
58	Nitrous Oxide and Serious Morbidity and Mortality in the POISE Trial. <i>Anesthesia and Analgesia</i> , 2013, 116, 1034-1040.	2.2	36
59	Nerve Blocks Versus Subcutaneous Infiltration for Stereotactic Frame Placement. <i>Anesthesia and Analgesia</i> , 2001, 92, 424-427.	2.2	35
60	Postoperative pain, nausea and vomiting in neurosurgical patients. <i>Current Opinion in Anaesthesiology</i> , 2005, 18, 461-465.	2.0	35
61	Dexamethasone for intracranial neurosurgery and anaesthesia. <i>Journal of Clinical Neuroscience</i> , 2009, 16, 1389-1393.	1.5	35
62	Target-controlled infusion versus manually-controlled infusion of propofol for general anaesthesia or sedation in adults. <i>The Cochrane Library</i> , 2016, 7, CD006059.	2.8	33
63	The Arterial Blood Propofol Concentration Preventing Movement in 50% of Healthy Women After Skin Incision. <i>Anesthesia and Analgesia</i> , 1997, 85, 414-419.	2.2	32
64	Propofol dose and incidence of dreaming during sedation. <i>European Journal of Anaesthesiology</i> , 2009, 26, 833-836.	1.7	30
65	A Cost-Benefit Analysis of the ENIGMA Trial. <i>Anesthesiology</i> , 2011, 115, 265-272.	2.5	30
66	Anesthetic depth and long-term survival: an update. <i>Canadian Journal of Anaesthesia</i> , 2016, 63, 233-240.	1.6	29
67	Comparative Plasma and Cerebrospinal Fluid Pharmacokinetics of Paracetamol After Intravenous and Oral Administration. <i>Anesthesia and Analgesia</i> , 2016, 123, 610-615.	2.2	28
68	No Sex Differences in Memory Formation during General Anesthesia. <i>Anesthesiology</i> , 2006, 105, 920-926.	2.5	25
69	The effect of skin incision on the electroencephalogram during general anesthesia maintained with propofol or desflurane. <i>Journal of Clinical Monitoring and Computing</i> , 2010, 24, 307-318.	1.6	25
70	Dreaming during anaesthesia in adult patients. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2007, 21, 403-414.	4.0	22
71	Perioperative Aspirin for Prevention of Venous Thromboembolism. <i>Anesthesiology</i> , 2016, 125, 1121-1129.	2.5	22
72	Neuraxial block and postoperative epidural analgesia: effects on outcomes in the POISE-2 trial. <i>British Journal of Anaesthesia</i> , 2016, 116, 100-112.	3.4	21

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73	Survival After Isolated Post-Operative Troponin Elevation. Journal of the American College of Cardiology, 2017, 70, 907-908.	2.8	21
74	Epidural Fentanyl Reduces the Shivering Threshold During Epidural Lidocaine Anesthesia. Anesthesia and Analgesia, 1998, 87, 587-590.	2.2	19
75	Anaesthesia and sedation for gastrointestinal endoscopy. Current Opinion in Anaesthesiology, 2005, 18, 431-436.	2.0	17
76	Post-surgical opioid stewardship programs across Australia and New Zealand: Current situation and future directions. Anaesthesia and Intensive Care, 2019, 47, 548-552.	0.7	17
77	Awareness during general anaesthesia: is it worth worrying about?. Medical Journal of Australia, 2001, 174, 212-213.	1.7	16
78	Dissociating the effects of nitrous oxide on brain electrical activity using fixed order time series modeling. Computers in Biology and Medicine, 2008, 38, 1121-1130.	7.0	16
79	One-year Results of a Factorial Randomized Trial of Aspirin versus Placebo and Clonidine versus Placebo in Patients Having Noncardiac Surgery. Anesthesiology, 2020, 132, 692-701.	2.5	15
80	Postoperative anaemia and patient-centred outcomes after major abdominal surgery: a retrospective cohort study. British Journal of Anaesthesia, 2022, 129, 346-354.	3.4	15
81	Nitrous Oxide and Anesthetic Requirement for Loss of Response to Command During Propofol Anesthesia. Anesthesia and Analgesia, 2006, 102, 1088-1093.	2.2	14
82	Association of Obesity With Septic Complications After Major Abdominal Surgery. JAMA Network Open, 2019, 2, e1916345.	5.9	14
83	Processed electroencephalography-guided general anaesthesia to reduce postoperative delirium: a systematic review and meta-analysis. British Journal of Anaesthesia, 2023, 130, e243-e253.	3.4	14
84	The Sitting Position for Neurosurgery: Yet Another Case Series Confirming Safety. World Neurosurgery, 2012, 77, 42-43.	1.3	13
85	Sedation for gastrointestinal endoscopy in Australia. Current Opinion in Anaesthesiology, 2018, 31, 481-485.	2.0	13
86	Interpretation of the four risk factors for postoperative nausea and vomiting in the Apfel simplified risk score: an analysis of published studies. Canadian Journal of Anaesthesia, 2021, 68, 1057-1063.	1.6	13
87	Preoperative folate and homocysteine status in patients undergoing major surgery. Clinical Nutrition, 2006, 25, 736-745.	5.0	12
88	A survey of anaesthetists' use of tranexamic acid in noncardiac surgery. Anaesthesia and Intensive Care, 2019, 47, 76-84.	0.7	12
89	Epidural Fentanyl Reduces the Shivering Threshold During Epidural Lidocaine Anesthesia. Anesthesia and Analgesia, 1998, 87, 587-590.	2.2	10
90	Aspirin and clonidine in non-cardiac surgery: acute kidney injury substudy protocol of the Perioperative Ischaemic Evaluation (POISE) 2 randomised controlled trial. BMJ Open, 2014, 4, e004886.	1.9	10

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91	Sedation Depth and Mortality. <i>Anesthesia and Analgesia</i> , 2014, 118, 903-905.	2.2	10
92	Cardiac Surgery. <i>Anesthesia and Analgesia</i> , 2015, 120, 504-506.	2.2	10
93	Peer review for the Canadian Journal of Anesthesia in 2016 and 2017: a retrospective analysis by reviewer and author gender. <i>Canadian Journal of Anaesthesia</i> , 2020, 67, 336-342.	1.6	10
94	Sugammadex and Postoperative Pulmonary Complications. <i>Anesthesiology</i> , 2020, 132, 1299-1300.	2.5	10
95	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. <i>Trials</i> , 2022, 23, 101.	1.6	10
96	A Large Trial Is Vital to Prove Perioperative β_2 -blockade Effectiveness and Safety before Widespread Use. <i>Anesthesiology</i> , 2004, 101, 803-803.	2.5	9
97	The perioperative administration of dexamethasone and infection (PADDI) trial protocol: rationale and design of a pragmatic multicentre non-inferiority study. <i>BMJ Open</i> , 2019, 9, e030402.	1.9	8
98	Total intravenous anaesthesia in ambulatory care. <i>Current Opinion in Anaesthesiology</i> , 2019, 32, 703-707.	2.0	8
99	Sex and gender inclusion, analysis, and reporting in anaesthesia research. <i>British Journal of Anaesthesia</i> , 2020, 124, e43-e49.	3.4	8
100	Sedation/analgesia techniques for nonoperating room anesthesia: new drugs and devices. <i>Current Opinion in Anaesthesiology</i> , 2021, 34, 678-682.	2.0	8
101	Monitoring the Depth of Anesthesia. , 2010, , 1229-1265.		8
102	Sugammadex, neostigmine and postoperative pulmonary complications: an international randomised feasibility and pilot trial. <i>Pilot and Feasibility Studies</i> , 2021, 7, 200.	1.2	8
103	Practice patterns and perceptions of Australian and New Zealand anaesthetists towards perioperative oxygen therapy. <i>Anaesthesia and Intensive Care</i> , 2019, 47, 288-294.	0.7	6
104	Dexamethasone and clinically significant postoperative nausea and vomiting: a prespecified substudy of the randomised perioperative administration of dexamethasone and infection (PADDI) trial. <i>British Journal of Anaesthesia</i> , 2022, 129, 327-335.	3.4	6
105	Does anaesthesia care affect the outcome following craniotomy?. <i>Journal of Clinical Neuroscience</i> , 2002, 9, 231-236.	1.5	5
106	Dreaming during anesthesia. , 2010, , 74-89.		5
107	The sitting position and the patent foramen ovale. Commentary: "A streamlined protocol for the use of the semi-sitting position in neurosurgery". <i>Journal of Clinical Neuroscience</i> , 2013, 20, 35-36.	1.5	5
108	A randomized-controlled trial of high- or low-volume intravenous Plasma-Lyte® to prevent hypotension during sedation for colonoscopy. <i>Canadian Journal of Anaesthesia</i> , 2016, 63, 952-961.	1.6	5

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109	Prewarming neurosurgical patients to minimize hypotension on induction of anesthesia: a randomized trial. Canadian Journal of Anaesthesia, 2016, 63, 577-583.	1.6	5
110	Chewing gum to treat postoperative nausea and emesis in female patients (CHEWY): rationale and design for a multicentre randomised trial. BMJ Open, 2019, 9, e027505.	1.9	5
111	Awareness in a Community-based Anesthesia Practice. Anesthesiology, 2007, 107, 671-672.	2.5	5
112	Brain protection during neurosurgery: an update from the anaesthetist's perspective. Journal of Clinical Neuroscience, 1995, 2, 285-294.	1.5	4
113	Excellence in editorials: fulfilling their critical role in the medical literature. British Journal of Anaesthesia, 2020, 125, 639-641.	3.4	4
114	Introduction to cognitive activity during anaesthesia. Bailliere's Best Practice and Research in Clinical Anaesthesiology, 2007, 21, 291-295.	4.0	3
115	Complications and unplanned admissions in nonoperating room procedures. Current Opinion in Anaesthesiology, 2017, 30, 658-662.	2.0	3
116	Awareness and Dreaming During TIVA. , 2017, , 783-796.		3
117	HYPOTHERMIA AND SEVERE TRAUMA. ANZ Journal of Surgery, 1995, 65, 613-613.	0.7	2
118	Common Peroneal Nerve Stimulation for Neuromuscular Monitoring. Anesthesia and Analgesia, 1999, 88, 197-203.	2.2	2
119	Nitrous oxide in general anaesthesia – Authors' reply. Lancet, The, 2015, 385, 417-418.	13.7	2
120	Patient willingness to try chewing gum to treat postoperative nausea and vomiting. Anaesthesia and Intensive Care, 2019, 47, 309-310.	0.7	2
121	Safety of Nitrous Oxide Anesthesia in a Selected Group of Patients Undergoing Neurosurgery. Journal of Neurosurgical Anesthesiology, 2021, Publish Ahead of Print, .	1.2	2
122	Audit of recall of propofol injection pain. Journal of Clinical Anesthesia, 2011, 23, 592-593.	1.6	1
123	The Importance of Being Negative. Anesthesia and Analgesia, 2011, 113, 681-683.	2.2	1
124	Survey of attitudes towards a randomised trial about sugammadex, neostigmine and pulmonary complications. Anaesthesia and Intensive Care, 2021, 49, 0310057X2097898.	0.7	1
125	Risk of Postoperative Pulmonary Complications: Comment. Anesthesiology, 2021, 135, 928-930.	2.5	1
126	Anaesthesia for major abdominal and urological surgery. , 0, , 223-246.		1

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127	Explanatory <i>versus</i>Â Pragmatic Trials? The Methods Make the Difference. Anesthesiology, 2008, 108, 543-544.	2.5	1
128	How balanced is the BALANCED delirium trial? Response to Br J Anaesth 2022; 128: e274-5. British Journal of Anaesthesia, 2022, 128, e345-e346.	3.4	1
129	The Arterial Blood Propofol Concentration Preventing Movement in 50% of Healthy Women After Skin Incision. Anesthesia and Analgesia, 1997, 85, 414-419.	2.2	0
130	Anaesthesia and neurosurgery: new developments in a long and interesting relationship. Journal of Clinical Neuroscience, 2004, 11, 355.	1.5	0
131	Statistical Approach to Word Stem Completion Test. Anesthesiology, 2007, 107, 174.	2.5	0
132	Î2-blocker therapy in non-cardiac surgery â€“ Authors' reply. Lancet, The, 2008, 372, 1146.	13.7	0
133	A Cost-Benefit Analysis of the ENIGMA Trial. Survey of Anesthesiology, 2012, 56, 117.	0.1	0
134	Deep anaesthesia â€“ Authors' reply. Lancet, The, 2020, 396, 666-667.	13.7	0
135	Rapid Eye Movement Sleep and General Anesthesia. Anesthesiology, 2010, 112, 1053-1053.	2.5	0
136	Effect of a Perioperative Hypotension-Avoidance Strategy Versus a Hypertension-Avoidance Strategy on the Risk of Acute Kidney Injury: A Clinical Research Protocol for a Substudy of the POISE-3 Randomized Clinical Trial. Canadian Journal of Kidney Health and Disease, 2022, 9, 205435812110692.	1.1	0