

The challenges faced in the design, conduct and analysis of controlled trials

Trials

10, 9

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Applicability and generalisability of published results of randomised controlled trials and non-randomised studies evaluating four orthopaedic procedures: methodological systematic review. BMJ: British Medical Journal, 2009, 339, b4538-b4538.	2.4	17
2	Evaluation and stages of surgical innovations. Lancet, The, 2009, 374, 1089-1096.	6.3	492
3	Challenges in evaluating surgical innovation. Lancet, The, 2009, 374, 1097-1104.	6.3	523
4	Methodological issues arising from a pilot RCT investigating the effectiveness of joint protection. International Journal of Therapy and Rehabilitation, 2010, 17, 654-664.	0.1	3
5	Women's views and experiences of a patient preference trial in surgery: a qualitative study of the CARPET1 trial. Clinical Trials, 2010, 7, 696-704.	0.7	26
6	Introduction to Clinical Trials. , 2010, , 1-18.		6
7	Safety of laparoscopy versus laparotomy in early-stage endometrial cancer: a randomised trial. Lancet Oncology, The, 2010, 11, 763-771.	5.1	280
8	Challenges of Randomized Controlled Surgical Trials. Orthopedic Clinics of North America, 2010, 41, 145-155.	0.5	25
9	Recovery of Erectile Function After Robotic Prostatectomy: Evidence-Based Outcomes. Urologic Clinics of North America, 2011, 38, 95-103.	0.8	3
10	Trends in Level of Evidence in Facial Plastic Surgery Research. Plastic and Reconstructive Surgery, 2011, 127, 1499-1504.	0.7	23
11	The Quality of Randomized Controlled Trial Reporting in Spine Literature. Spine, 2011, 36, 1326-1330.	1.0	15
12	Pre-referral rectal artesunate in severe malaria: flawed trial. Trials, 2011, 12, 188.	0.7	12
13	The IDEAL recommendations and urological innovation. World Journal of Urology, 2011, 29, 331-336.	1.2	31
14	Clinicians' views on the feasibility of surgical randomized trials in urogynecology: Results of a questionnaire survey. Neurourology and Urodynamics, 2011, 30, 69-74.	0.8	11
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16	The Registrar. Neurosurgery, 2011, 68, 1-5.	0.6	95
17	Patient follow-up in pediatric orthopaedic retrospective call-back studies. Current Orthopaedic Practice, 2012, 23, 590-594.	0.1	0
18	Adaptive Bayesian Randomized Trials: Realizing Their Potential. Journal of Bone and Joint Surgery - Series A, 2012, 94, 29-33.	1.4	7

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19	Developing an international network for clinical research: the Gynecological Cancer Intergroup experience. <i>Clinical Investigation</i> , 2012, 2, 29-33.	0.0	1
20	Emerging Designs in Orthopaedics: Expertise-Based Randomized Controlled Trials. <i>Journal of Bone and Joint Surgery - Series A</i> , 2012, 94, 24-28.	1.4	29
22	Trials and tribulations: the professional development of surgical trialists. <i>American Journal of Surgery</i> , 2012, 204, 339-346.e5.	0.9	11
23	Research in orthopaedics from China has thrived over the last decade: A bibliometric analysis of publication activity. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2012, 98, 253-258.	0.9	23
24	Surgical evaluation and knowledge transfer—methods of clinical research in surgery. <i>Langenbeck's Archives of Surgery</i> , 2012, 397, 1193-1199.	0.8	19
25	A Questionnaire Elicitation of Surgeons' Belief about Learning within a Surgical Trial. <i>PLoS ONE</i> , 2012, 7, e49178.	1.1	6
26	Authors' reply: Recruiting patients into randomized clinical trials in surgery (<i>Br J Surg</i> 2012; 99: 1000-1001) <i>Overlook 10 T</i>	0.1	0
27	Evidence-Based Surgery: Barriers, Solutions, and the Role of Evidence Synthesis. <i>World Journal of Surgery</i> , 2012, 36, 1723-1731.	0.8	56
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32	Surgical innovation as sui generis surgical research. <i>Theoretical Medicine and Bioethics</i> , 2013, 34, 447-459.	0.4	10
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34	Five-year results of a randomised controlled trial comparing mobile and fixed bearings in total knee replacement. <i>Bone and Joint Journal</i> , 2013, 95-B, 486-492.	1.9	32
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36	Randomized trials in colorectal surgery: a will to the wisp. <i>Colorectal Disease</i> , 2013, 15, 923-925.	0.7	5
37	SPIRIT 2013 explanation and elaboration: guidance for protocols of clinical trials. <i>BMJ, The</i> , 2013, 346, e7586-e7586.	3.0	3,435

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42	Robotic or Open Radical Cystectomy, Which Is Safer? A Systematic Review and Meta-Analysis of Comparative Studies. Journal of Endourology, 2014, 28, 1215-1223.	1.1	31
43	Feasibility RCT of definitive chemoradiotherapy or chemotherapy and surgery for oesophageal squamous cell cancer. British Journal of Cancer, 2014, 111, 234-240.	2.9	30
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47	The face of equipoise - delivering a structured education programme within a randomized controlled trial: qualitative study. Trials, 2014, 15, 15.	0.7	20
48	Ethical implications of regenerative medicine in orthopedics: an empirical study with surgeons and scientists in the field. Spine Journal, 2014, 14, 1029-1035.	0.6	18
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56	Interventions in randomised controlled trials in surgery: issues to consider during trial design. <i>Trials</i> , 2015, 16, 392.	0.7	46
57	The role of pilot testing for a randomised control trial of a complex intervention in critical care. <i>Journal of Research in Nursing</i> , 2015, 20, 167-178.	0.3	4
58	A systematic review of the use of an expertise-based randomised controlled trial design. <i>Trials</i> , 2015, 16, 241.	0.7	30
59	Novel ways to explore surgical interventions in randomised controlled trials: applying case study methodology in the operating theatre. <i>Trials</i> , 2015, 16, 589.	0.7	18
60	Non-compliance with randomised allocation and missing outcome data in randomised controlled trials evaluating surgical interventions: a systematic review. <i>BMC Research Notes</i> , 2015, 8, 403.	0.6	10
61	Surgical Education Research. <i>Annals of Surgery</i> , 2015, 261, e55-e56.	2.1	6
62	Operative versus nonoperative interventions for common fractures of the clavicle: a meta-analysis of randomized controlled trials. <i>CMAJ Open</i> , 2015, 3, E396-E405.	1.1	14
63	Reliability of the cervical vertebrae maturation (CVM) method. <i>Bratislava Medical Journal</i> , 2015, 116, 222-226.	0.4	12
64	Increase in Quality and Quantity of Orthopaedic Studies from 2002 to 2012. <i>Journal of Orthopaedic Surgery</i> , 2015, 23, 375-378.	0.4	10
65	Investigating the collection and assessment of patient-reported outcome data amongst unplanned surgical hospital admissions: a feasibility study. <i>Pilot and Feasibility Studies</i> , 2015, 1, 16.	0.5	12
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71	Prostate histoscanning true targeting guided prostate biopsy: initial clinical experience. <i>World Journal of Urology</i> , 2015, 33, 1475-1479.	1.2	16
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75	Translating Regenerative Biomaterials Into Clinical Practice. <i>Journal of Cellular Physiology</i> , 2016, 231, 36-49.	2.0	21
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81	Factors affecting patient participation in orthopaedic trials comparing surgery to non-surgical interventions. <i>Contemporary Clinical Trials Communications</i> , 2016, 3, 153-157.	0.5	7
82	Does clinical supervision of health professionals improve patient safety? A systematic review and meta-analysis. <i>International Journal for Quality in Health Care</i> , 2016, 28, 447-455.	0.9	38
83	A Systematic Review of Patient-reported Outcomes in Randomized Controlled Trials of Unplanned General Surgery. <i>World Journal of Surgery</i> , 2016, 40, 267-276.	0.8	13
84	Application of Clinical Databases to Contemporary Cardiac Surgery Practice: Where are We now?. <i>Heart Lung and Circulation</i> , 2016, 25, 237-242.	0.2	10
85	The cervical vertebrae maturation (CVM) method cannot predict craniofacial growth in girls with Class II malocclusion. <i>European Journal of Orthodontics</i> , 2016, 38, 1-7.	1.1	32
86	Potential Pitfalls of Reporting and Bias in Observational Studies With Propensity Score Analysis Assessing a Surgical Procedure. <i>Annals of Surgery</i> , 2017, 265, 901-909.	2.1	99
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92	The Scandcleft randomised trials of primary surgery for unilateral cleft lip and palate: 11. What next?. <i>Journal of Plastic Surgery and Hand Surgery</i> , 2017, 51, 88-93.	0.4	35
93	Delivering successful randomized controlled trials in surgery: Methods to optimize collaboration and study design. <i>Clinical Trials</i> , 2017, 14, 211-218.	0.7	32
94	A retrospective study on 1592 consecutively performed operations in one private referral clinic. Part I: Early inflammation and early implant failures. <i>Clinical Implant Dentistry and Related Research</i> , 2017, 19, 404-412.	1.6	45
95	Acquiring Surgical Knowledge: Sound Methodology and Transparent Reporting. <i>Diseases of the Colon and Rectum</i> , 2017, 60, 565-566.	0.7	3
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97	Barriers and facilitators experienced in collaborative prospective research in orthopaedic oncology. <i>Bone and Joint Research</i> , 2017, 6, 307-314.	1.3	6
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101	The Misconception of Case-Control Studies in the Plastic Surgery Literature. <i>Plastic and Reconstructive Surgery</i> , 2017, 139, 1356e-1363e.	0.7	4
102	Enabling recruitment success in bariatric surgical trials: pilot phase of the By-Band-Sleeve study. <i>International Journal of Obesity</i> , 2017, 41, 1654-1661.	1.6	25
103	A systematic literature review of time to return to work and narcotic use after lumbar spinal fusion using minimal invasive and open surgery techniques. <i>BMC Health Services Research</i> , 2017, 17, 446.	0.9	33
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105	Defining Innovation in Neurosurgery: Results from an International Survey. <i>World Neurosurgery</i> , 2018, 114, e1038-e1048.	0.7	9
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108	Augmenting endogenous repair of soft tissues with nanofibre scaffolds. <i>Journal of the Royal Society Interface</i> , 2018, 15, 20180019.	1.5	21
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112	Exploring qualitative methods reported in registered trials and their yields (EQUITY): systematic review. <i>Trials</i> , 2018, 19, 589.	0.7	23
113	The 100 most influential manuscripts in andrology: a bibliometric analysis. <i>Basic and Clinical Andrology</i> , 2018, 28, 15.	0.8	17
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116	The use of placebos in controlled trials of surgical interventions: a brief history. <i>Journal of the Royal Society of Medicine</i> , 2018, 111, 177-182.	1.1	8
117	Neurosurgical Randomized Controlled Trials—Distance Travelled. <i>Neurosurgery</i> , 2018, 82, 604-612.	0.6	21
118	What research is needed to validate new urodynamic methods? ICI—RS2017. <i>Neurourology and Urodynamics</i> , 2018, 37, S32-S37.	0.8	6
119	Quality of surgical randomized controlled trials in hand surgery: a systematic review. <i>Journal of Hand Surgery: European Volume</i> , 2018, 43, 801-807.	0.5	9
120	Electronic search strategies fail to identify randomized controlled trials (RCTs) in neurosurgery. <i>Clinical Neurology and Neurosurgery</i> , 2019, 184, 105446.	0.6	0
121	The two Achilles heels of surgical randomized controlled trials: differences in surgical skills and reporting of average performance. <i>American Journal of Obstetrics and Gynecology</i> , 2019, 221, 230-232.	0.7	24
122	Prevalence and Impact of Treatment Crossover in Cardiac Surgery Randomized Trials: A Meta—Epidemiologic Study. <i>Journal of the American Heart Association</i> , 2019, 8, e013711.	1.6	8
123	Design, planning and implementation lessons learnt from a surgical multi-centre randomised controlled trial. <i>Trials</i> , 2019, 20, 620.	0.7	1
124	Two-Year Results of the PHANTOM High Flex Trial: A Single-Arm Study on the Atlas Unicompartamental Knee System Load Absorber in Patients With Medial Compartment Osteoarthritis of the Knee. <i>Clinical Medicine Insights: Arthritis and Musculoskeletal Disorders</i> , 2019, 12, 117954411987717.	0.3	7
125	What is an invasive procedure? A definition to inform study design, evidence synthesis and research tracking. <i>BMJ Open</i> , 2019, 9, e028576.	0.8	55
126	The impact of surgeon and patient treatment preferences in an orthopaedic trauma surgery trial. <i>Trials</i> , 2019, 20, 570.	0.7	8
127	When oncologic treatment options outpace the existing evidence: Contributing factors and a path forward. <i>Journal of Cancer Policy</i> , 2019, 20, 100188.	0.6	2

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128	Introduction of Novel Surgical Techniques: A Survey on Knowledge, Attitude, and Practice of Surgeons. <i>Surgical Innovation</i> , 2019, 26, 560-572.	0.4	3
129	Funders improved the management of learning and clustering effects through design and analysis of randomized trials involving surgery. <i>Journal of Clinical Epidemiology</i> , 2019, 113, 28-35.	2.4	4
130	Value of surgical pilot and feasibility study protocols. <i>British Journal of Surgery</i> , 2019, 106, 968-978.	0.1	13
131	Design, Conduct, and Analysis of Surgical Randomized Controlled Trials. <i>Annals of Surgery</i> , 2019, 270, 1065-1069.	2.1	20
132	Overview of randomised controlled trials in orthopaedic research: search for significant findings. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2019, 29, 1163-1168.	0.6	8
133	A randomised controlled feasibility trial to evaluate local heat preconditioning on wound healing after reconstructive breast surgery: the preHEAT trial. <i>Pilot and Feasibility Studies</i> , 2019, 5, 5.	0.5	6
134	Analysis of National Presentations of Surgical Case Series Discussions: What Matters to Surgeons?. <i>Journal of Surgical Research</i> , 2019, 238, 240-247.	0.8	0
135	Randomized trials involving surgery did not routinely report considerations of learning and clustering effects. <i>Journal of Clinical Epidemiology</i> , 2019, 107, 27-35.	2.4	20
136	Virtual Surgical Planning in Craniofacial Surgery. <i>Journal of Craniofacial Surgery</i> , 2019, 30, 2459-2463.	0.3	3
137	Procedural Surgical RCTs in Daily Practice. <i>Annals of Surgery</i> , 2019, 270, 727-734.	2.1	15
138	Quality of Randomized Controlled Trials for Surgical Treatment of Carpal Tunnel Syndrome. <i>Plastic and Reconstructive Surgery</i> , 2019, 143, 791-799.	0.7	1
139	Septoplasty versus non-surgical management for nasal obstruction due to a deviated nasal septum in adults: A modelling study of cost-effectiveness. <i>Clinical Otolaryngology</i> , 2019, 44, 53-62.	0.6	4
140	Minimally invasive McKeown's vs open oesophagectomy for cancer: A meta-analysis. <i>European Journal of Surgical Oncology</i> , 2019, 45, 941-949.	0.5	22
141	Ethics in musculoskeletal regenerative medicine; guidance in choosing the appropriate comparator in clinical trials. <i>Osteoarthritis and Cartilage</i> , 2019, 27, 34-40.	0.6	6
142	The Value of Decision Analytical Modeling in Surgical Research. <i>Annals of Surgery</i> , 2019, 269, 530-536.	2.1	4
143	Conversion Surgery in Metastatic Gastric Cancer and Cancer Dormancy as a Prognostic Biomarker. <i>Cancers</i> , 2020, 12, 86.	1.7	11
144	Use of Propensity Score Methodology in Contemporary High-Impact Surgical Literature. <i>Journal of the American College of Surgeons</i> , 2020, 230, 101-112e2.	0.2	29
145	Randomized Controlled Trials in Functional Neurosurgery—Association of Device Approval Status and Trial Quality. <i>Neuromodulation</i> , 2020, 23, 496-501.	0.4	2

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146	Incorporating New Technology Into a Surgical Technique: The Learning Curve of a Single Surgeon's Stereo-Electroencephalography Experience. <i>Neurosurgery</i> , 2020, 86, E281-E289.	0.6	13
147	Recruitment and retention of participants in UK surgical trials: survey of key issues reported by trial staff. <i>BJS Open</i> , 2020, 4, 1238-1245.	0.7	6
148	Survival outcomes in patients with cervical cancer treated with open versus robotic radical hysterectomy: Our surgical pathology interrogation. <i>Gynecologic Oncology</i> , 2020, 159, 373-380.	0.6	15
149	Surgical or non-surgical treatment of traumatic skeletal fractures in adults: systematic review and meta-analysis of benefits and harms. <i>Systematic Reviews</i> , 2020, 9, 179.	2.5	12
150	Exploring trends in admissions and treatment for ankle fractures: a longitudinal cohort study of routinely collected hospital data in England. <i>BMC Health Services Research</i> , 2020, 20, 811.	0.9	12
151	Evidence-based medicine and clinical decision-making in spine surgery. <i>North American Spine Society Journal (NASSJ)</i> , 2020, 3, 100019.	0.3	0
152	Same-day surgery may reduce the risk of losing pain perception in dogs with thoracolumbar disc extrusion. <i>Journal of Small Animal Practice</i> , 2020, 61, 442-448.	0.5	19
153	Managing clustering effects and learning effects in the design and analysis of multicentre randomised trials: a survey to establish current practice. <i>Trials</i> , 2020, 21, 433.	0.7	3
154	Randomized Trials in Cardiac Anesthesia. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2020, 34, 2884-2888.	0.6	0
155	Laparoscopic <i>versus</i> open colorectal surgery in the acute setting (LaCeS trial): a multicentre randomized feasibility trial. <i>British Journal of Surgery</i> , 2020, 107, 1595-1604.	0.1	15
156	An Update on Level of Evidence Trends in Facial Plastic Surgery Research. <i>Facial Plastic Surgery and Aesthetic Medicine</i> , 2020, 22, 105-109.	0.5	3
157	Use of Sham Interventions in Randomized Controlled Trials in Neurosurgery. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2020, 81, 456-462.	0.4	1
158	Big Data vs. Clinical Trials in HPB Surgery. <i>Journal of Gastrointestinal Surgery</i> , 2020, 24, 1127-1137.	0.9	7
159	Challenges Conveying Clinical Equipoise and Exploring Patient Treatment Preferences in an Oncology Trial Comparing Active Monitoring with Radiotherapy (ROAM/EORTC 1308). <i>Oncologist</i> , 2020, 25, e691-e700.	1.9	17
160	Enhancing communication, informed consent and recruitment in a paediatric urgent care surgical trial: a qualitative study. <i>BMC Pediatrics</i> , 2020, 20, 140.	0.7	8
161	A 21-year analysis of the publication patterns and level of scientific evidence in three major oral and maxillofacial surgery journals. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2021, 50, 843-849.	0.7	5
162	Stakeholder feedback informs investigations for chronic rhinosinusitis in cystic fibrosis. <i>International Forum of Allergy and Rhinology</i> , 2021, 11, 79-80.	1.5	1
163	Study methodology in trauma care: towards question-based study designs. <i>European Journal of Trauma and Emergency Surgery</i> , 2021, 47, 479-484.	0.8	8

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164	Thoracolumbar Burst Fractures. <i>Spine</i> , 2021, 46, E840-E849.	1.0	14
165	Patch augmentation surgery for rotator cuff repair: the PARCS mixed-methods feasibility study. <i>Health Technology Assessment</i> , 2021, 25, 1-138.	1.3	7
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