

# The Magic of Randomization versus the Myth of Real-World

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Lifecycle evidence requirements for high-risk implantable medical devices: a European perspective. Expert Review of Medical Devices, 2020, 17, 993-1006.	1.4	15
2	Untangling the complexity of multimorbidity with machine learning. Mechanisms of Ageing and Development, 2020, 190, 111325.	2.2	23
3	Should we offer fetal surgery for severe congenital diaphragmatic hernia or bring these cases to trial? Difference between chance and hazard. Ultrasound in Obstetrics and Gynecology, 2020, 56, 491-492.	0.9	11
4	Indispensable but deceptive evidence-based medicine. Diabetes and Metabolism, 2020, 46, 415-422.	1.4	3
5	Recalibrating Health Technology Assessment Methods for Cell and Gene Therapies. Pharmacoeconomics, 2020, 38, 1297-1308.	1.7	23
6	International consensus definitions of clinical trial outcomes for kidney failure: 2020. Kidney International, 2020, 98, 849-859.	2.6	65
7	Randomization versus Real-World Evidence. New England Journal of Medicine, 2020, 383, e21.	13.9	17
8	Back to the future—Are we ready for a randomized trial of surgical versus percutaneous revascularization in cardiogenic shock?. American Heart Journal, 2020, 226, 264-266.	1.2	0
9	Generating translatable evidence to improve patient care: the contribution of human factors. Reproductive BioMedicine Online, 2020, 41, 353-356.	1.1	7
10	Augmented Reality. American Journal of Neuroradiology, 2020, 41, E67-E68.	1.2	2
11	Why Methodology Is Important: Coffee as a Candidate Treatment for COVID-19?. Journal of Clinical Medicine, 2020, 9, 3691.	1.0	5
12	&lt;p&gt;Long-Acting Injectable GLP-1 Receptor Agonists for the Treatment of Adults with Type 2 Diabetes: Perspectives from Clinical Practice&lt;/p&gt;. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2020, Volume 13, 4221-4234.	1.1	13
13	Statistical Considerations for Trials in Adjuvant Treatment of Colorectal Cancer. Cancers, 2020, 12, 3442.	1.7	2
14	Personalized-medicine on carotid endarterectomy and stenting. Annals of Translational Medicine, 2020, 8, 1274-1274.	0.7	6
15	Weighing the Benefits and Risks of Proliferating Observational Treatment Assessments. JAMA - Journal of the American Medical Association, 2020, 324, 625.	3.8	40
16	Utilization of COVID-19 Treatments and Clinical Outcomes among Patients with Cancer: A COVID-19 and Cancer Consortium (CCC19) Cohort Study. Cancer Discovery, 2020, 10, 1514-1527.	7.7	108
17	Exposure to dipeptidylâ€peptidase 4 inhibitors and the risk of pneumonia among people with type 2 diabetes: Retrospective cohort study and metaâ€analysis. Diabetes, Obesity and Metabolism, 2020, 22, 1925-1934.	2.2	14
18	THE AUTHOR REPLIES. American Journal of Epidemiology, 2020, 189, 1444-1449.	1.6	5

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19	Central statistical monitoring of investigator-led clinical trials in oncology. <i>International Journal of Clinical Oncology</i> , 2020, 25, 1207-1214.	1.0	9
20	Randomized Trials Versus Common Sense and Clinical Observation. <i>Journal of the American College of Cardiology</i> , 2020, 76, 580-589.	1.2	50
22	Randomized, observational, interventional, and real-world "What's in a name?". <i>Pharmacoepidemiology and Drug Safety</i> , 2020, 29, 1514-1517.	0.9	20
23	Infectious diseases epidemiology, quantitative methodology, and clinical research in the midst of the COVID-19 pandemic: Perspective from a European country. <i>Contemporary Clinical Trials</i> , 2020, 99, 106189.	0.8	14
24	Platelet-rich plasma preparations in sports rehabilitation: Where we started and where we should go. <i>Annals of Physical and Rehabilitation Medicine</i> , 2020, , 101414.	1.1	0
25	Randomized Controlled Trials Versus Real-World Data in the COVID-19 Era: A False Narrative. <i>Cancer Investigation</i> , 2020, 38, 537-542.	0.6	7
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28	Nutritional Epigenomics and Age-Related Disease. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa097.	0.1	21
29	Cross-trial comparisons in reviews: proceed with caution. <i>Nature Reviews Rheumatology</i> , 2020, 16, 663-664.	3.5	4
30	<p>Harnessing Real-World Data for Regulatory Use and Applying Innovative Applications</p>. <i>Journal of Multidisciplinary Healthcare</i> , 2020, Volume 13, 671-679.	1.1	14
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33	When are randomized trials unnecessary? A signal detection theory approach to approving new treatments based on non-randomized studies. <i>Journal of Evaluation in Clinical Practice</i> , 2020, 27, 735-742.	0.9	2
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40	&lt;p&gt;Comparing Randomized Controlled Trials and Real-World Studies in Chronic Obstructive Pulmonary Disease Pharmacotherapy&lt;p&gt;. <i>International Journal of COPD</i> , 2020, Volume 15, 1225-1243.	0.9	16
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42	Citizen science in ecology: a place for humans in nature. <i>Annals of the New York Academy of Sciences</i> , 2020, 1469, 52-64.	1.8	44
43	Fixed Triple Therapy in Chronic Obstructive Pulmonary Disease and Survival. Living Better, Longer, or Both?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 1463-1464.	2.5	6
44	The DisEntangling Chronic Obstructive pulmonary Disease Exacerbations clinical trials NETwork (DECODE-NET): rationale and vision. <i>European Respiratory Journal</i> , 2020, 56, 2000627.	3.1	10
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53	Increasing the impact of Post Authorisation Safety Studies: transparency is key. <i>European Journal of Internal Medicine</i> , 2021, 83, 6-7.	1.0	1
54	Re: Adjuvant Radiotherapy Versus Early Salvage Radiotherapy plus Short-term Androgen Deprivation Therapy in Men with Localised Prostate Cancer After Radical Prostatectomy (GETUG-AFU 17): A Randomised, Phase 3 Trial. <i>European Urology</i> , 2021, 79, 555-556.	0.9	0
55	Placebo-Controlled Trials of Covid-19 Vaccines â€™ Why We Still Need Them. <i>New England Journal of Medicine</i> , 2021, 384, e2.	13.9	66

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56	Replication of Randomized, Controlled Trials Using Real-World Data: What Could Go Wrong?. <i>Value in Health</i> , 2021, 24, 112-115.	0.1	26
57	Scientific Rigor in the Age of COVID-19. <i>JAMA Oncology</i> , 2021, 7, 171.	3.4	13
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63	Second Asymptomatic Carotid Surgery Trial (ACST-2): Randomised Comparison of Carotid Artery Stenting vs Carotid Endarterectomy. <i>SSRN Electronic Journal</i> , 0, , .	0.4	12
64	Real-World Data for Planning Eligibility Criteria and Enhancing Recruitment: Recommendations from the Clinical Trials Transformation Initiative. <i>Therapeutic Innovation and Regulatory Science</i> , 2021, 55, 545-552.	0.8	8
65	Ixazomib with lenalidomide and dexamethasone for patients with relapsed multiple myeloma: impact of 17p deletion and sensitivity to proteasome inhibitors from a real world data-set. <i>Leukemia and Lymphoma</i> , 2021, 62, 1243-1246.	0.6	5
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70	Efficacy and safety of co-formulated elvitegravir/cobicistat/emtricitabine/tenofovir alafenamide in HIV-positive patients: real-world data. <i>International Journal of STD and AIDS</i> , 2021, 32, 562-569.	0.5	1
71	Atrial Fibrillation and Prevention of Embolic Stroke. <i>Stroke</i> , 2021, 52, e55-e57.	1.0	2
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73	Contralateral Carotid Artery Occlusion. <i>Journal of the American College of Cardiology</i> , 2021, 77, 845-847.	1.2	0

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75	Integrating genomics with biomarkers and therapeutic targets to invigorate cardiovascular drug development. <i>Nature Reviews Cardiology</i> , 2021, 18, 435-453.	6.1	88
76	Results of the Seventh Scientific Workshop of ECCO: Precision Medicine in IBD—Disease Outcome and Response to Therapy. <i>Journal of Crohn's and Colitis</i> , 2021, 15, 1431-1442.	0.6	39
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78	Quality evaluation of the underlying evidence in the updated treatment recommendations for systemic lupus erythematosus. <i>Rheumatology</i> , 2021, , .	0.9	1
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84	Ki67 and progesterone receptor status predicts sensitivity to palbociclib: a real-world study. <i>Annals of Translational Medicine</i> , 2021, 9, 707-707.	0.7	11
85	Easier patient access to medical cannabis carries risks as well as benefits. <i>Journal of Psychopharmacology</i> , 2021, 35, 1435-1436.	2.0	0
86	The clinical effects of cerebral near-infrared spectroscopy monitoring (NIRS) versus no monitoring: a protocol for a systematic review with meta-analysis and trial sequential analysis. <i>Systematic Reviews</i> , 2021, 10, 111.	2.5	8
88	Next Steps for Efficacy Evaluation in Clinical Trials of COVID-19 Vaccines. <i>Engineering</i> , 2021, 7, 903-907.	3.2	1
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90	Good Clinical Trials by removing defensive interpretation of Good Clinical Practice guidelines. <i>British Journal of Clinical Pharmacology</i> , 2021, 87, 4552-4559.	1.1	4
91	Timing Is Everything. The Importance of Alignment of Time Anchors for Observational Causal Inference Research. <i>Annals of the American Thoracic Society</i> , 2021, 18, 769-772.	1.5	2
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93	EA3: A softmax algorithm for evidence appraisal aggregation. <i>PLoS ONE</i> , 2021, 16, e0253057.	1.1	6

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95	COVID-19 chemoprevention. <i>International Journal of Infectious Diseases</i> , 2021, 107, 31-33.	1.5	0
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102	Defining Unmet Need Following Lenalidomide Refractoriness: Real-World Evidence of Outcomes in Patients With Multiple Myeloma. <i>Frontiers in Oncology</i> , 2021, 11, 703233.	1.3	6
103	The impact of influenza vaccination on cardiovascular disease. <i>Medicina Clínica (English Edition)</i> , 2021, 157, 22-32.	0.1	3
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106	Opportunities and Challenges of Observational Studies and Randomized Controlled Trials for Evaluating the Therapeutic Efficacy of COVID-19 Convalescent Plasma. <i>Cancer Investigation</i> , 2021, 39, 449-456.	0.6	2
107	Impacto de la vacunación antigripal sobre la enfermedad cardiovascular. <i>Medicina Clínica</i> , 2021, 157, 22-32.	0.3	6
108	From Controlled to Undisciplined Data: Estimating Causal Effects in the Era of Data Science Using a Potential Outcome Framework. , 0, , .		3
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110	Making trials part of good clinical care: lessons from the RECOVERY trial. <i>Future Healthcare Journal</i> , 2021, 8, e243-e250.	0.6	32
111	SARS-CoV-2 Variants and Vaccines. <i>New England Journal of Medicine</i> , 2021, 385, 179-186.	13.9	322

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112	Challenges and Opportunities in IBD Clinical Trial Design. <i>Gastroenterology</i> , 2021, 161, 400-404.	0.6	11
113	The International Collaboration for Research methods Development in Oncology (CReDO) workshops: shaping the future of global oncology research. <i>Lancet Oncology, The</i> , 2021, 22, e369-e376.	5.1	25
114	The Evolution of Clinical Knowledge During COVID-19: Towards a Global Learning Health System. <i>Yearbook of Medical Informatics</i> , 2021, 30, 176-184.	0.8	7
115	A roadmap to using randomization in clinical trials. <i>BMC Medical Research Methodology</i> , 2021, 21, 168.	1.4	36
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117	Reply. <i>Arthritis and Rheumatology</i> , 2021, 73, 1767-1768.	2.9	0
118	Improved clinical investigation and evaluation of high-risk medical devices: the rationale and objectives of CORE-MD (Coordinating Research and Evidence for Medical Devices). <i>European Heart Journal Quality of Care &amp; Clinical Outcomes</i> , 2022, 8, 249-258.	1.8	13
119	Measuring the Effectiveness of Real-World Evidence to Ensure Appropriate Impact. <i>Value in Health</i> , 2021, 24, 1241-1244.	0.1	2
120	Risks and benefits of anticancer drugs in advanced cancer patients: A systematic review and meta-analysis. <i>EClinicalMedicine</i> , 2021, 40, 101130.	3.2	16
121	The RECOVERY trial platform: a milestone in the development and execution of treatment evaluation during an epidemic. <i>Journal of the Royal Society of Medicine</i> , 2021, 114, 443-446.	1.1	3
122	Reporting transparency and completeness in trials: Paper 1: Introduction - Better reporting for disruptive clinical trials using routinely collected data. <i>Journal of Clinical Epidemiology</i> , 2022, 141, 172-174.	2.4	5
123	Real-world outcomes associated with new cancer medicines approved by the Food and Drug Administration and European Medicines Agency: A retrospective cohort study. <i>European Journal of Cancer</i> , 2021, 155, 136-144.	1.3	20
124	Testing the association between tobacco smoking, alcohol consumption, and risk of periodontitis: A Mendelian randomization study. <i>Journal of Clinical Periodontology</i> , 2021, 48, 1414-1420.	2.3	27
125	Second asymptomatic carotid surgery trial (ACST-2): a randomised comparison of carotid artery stenting versus carotid endarterectomy. <i>Lancet, The</i> , 2021, 398, 1065-1073.	6.3	133
127	Learning from the past to advance tomorrow's real-world evidence: what demonstration projects have to teach us. <i>Journal of Comparative Effectiveness Research</i> , 2021, 10, 1169-1173.	0.6	3
130	To replicate or not to replicate? Insights and interpretations from a randomized trial duplication initiative. <i>Journal of Comparative Effectiveness Research</i> , 2021, 10, 953-956.	0.6	1
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132	The use of nonrandomized evidence to estimate treatment effects in health technology assessment. <i>Journal of Comparative Effectiveness Research</i> , 2021, 10, 1035-1043.	0.6	18



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133	Treatment and outcomes of older versus younger women with HER2-positive metastatic breast cancer in the real-world national ESME database. <i>Breast</i> , 2021, 60, 138-146.	0.9	5
134	Common Problems, Common Data Model Solutions: Evidence Generation for Health Technology Assessment. <i>Pharmacoeconomics</i> , 2021, 39, 275-285.	1.7	42
135	Real world data in the era of Immune Checkpoint Inhibitors (ICIs): Increasing evidence and future applications in lung cancer. <i>Cancer Treatment Reviews</i> , 2020, 87, 102031.	3.4	82
136	Higher or Lower Hemoglobin Transfusion Thresholds for Preterm Infants. <i>New England Journal of Medicine</i> , 2020, 383, 2639-2651.	13.9	132
137	Perspective: Guidelines Needed for the Conduct of Human Nutrition Randomized Controlled Trials. <i>Advances in Nutrition</i> , 2021, 12, 1-3.	2.9	12
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145	Improved clinical investigation and evaluation of high-risk medical devices: the rationale and objectives of COREâ€”MD (Coordinating Research and Evidence for Medical Devices). <i>EFORT Open Reviews</i> , 2021, 6, 839-849.	1.8	11
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147	Comment on. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2020, 8, e2908.	0.3	0
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151	Early Death and Survival of Patients With Acute Promyelocytic Leukemia in ATRA Plus Arsenic Era: A Population-Based Study. <i>Frontiers in Oncology</i> , 2021, 11, 762653.	1.3	14

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152	Author Reply to "Intravenous thrombolysis in patients taking direct oral anticoagulants (European) Tj ETQq0 0 0 rgBT /Overlock 10 T 447-449.	2.7	0
153	Minimally Invasive or Open Esophagectomy for Treatment of Resectable Esophageal Squamous Cell Carcinoma? Answer From a Real-world Multicenter Study. <i>Annals of Surgery</i> , 2023, 277, e777-e784.	2.1	5
154	Bridging the divide between clinical research and clinical care in oncology: An integrated real-world evidence generation platform. <i>Digital Health</i> , 2021, 7, 205520762110599.	0.9	3
155	The Evolution of Evidence-Based Medicine: When the Magic of the Randomized Clinical Trial Meets Real-World Data. <i>Circulation</i> , 2022, 145, 107-109.	1.6	5
156	Effects of testosterone suppression on desire, hypersexuality, and sexual interest in children in men with pedophilic disorder. <i>World Journal of Biological Psychiatry</i> , 2022, 23, 560-571.	1.3	6
157	Randomized trials on non-pharmaceutical interventions for COVID-19: a scoping review. <i>BMJ Evidence-Based Medicine</i> , 2022, 27, 334-344.	1.7	22
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159	Should corticosteroids be employed to treat biopsy-proven drug-induced acute interstitial nephritis? <i>CON. Kidney360</i> , 0, , 10.34067/KID.0007042021.	0.9	1
160	Harnessing the Potential of Early Access: <i>Advancing Timely Patient Access to Innovative Medicines in a Sustainable Way</i>. <i>RSC Drug Discovery Series</i> , 2022, , 221-243.	0.2	0
161	A Short History of Bernard Fisher's Contributions to Randomized Clinical Trials. <i>Clinical Trials</i> , 2022, 19, 127-136.	0.7	1
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163	Identification of threshold for large (dramatic) effects that would obviate randomized trials is not possible. <i>Journal of Clinical Epidemiology</i> , 2022, 145, 101-111.	2.4	6
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