



BDJ Collection <i>Carrying out dental research</i>	
Spin bias in scientific publishing: upholding integrity in research reporting [Log in to the BDA home page and follow the link to the BDJ Portfolio to access]	BDJ 2026; 241(2): 105-109
A practitioner's guide to developing critical appraisal skills: How to understand and interpret frequentist and Bayesian approaches applied to serial and parallel diagnostic testing	J Am Dent Assoc 2026; 157 (7): 750-7
Mapping risk of bias criteria in systematic reviews of in vitro endodontic studies: an umbrella review [Log in to the BDA home page and follow the link to the BDJ Portfolio to access]	EBD 2025; 26: 179-180
A practical guide to public involvement with children and young people in dental research	BDJ 2025; 238(2): 129-133
Research reliability and validity: Why do they matter?	J Dent Hyg 2024; 98(6): 53-57
The rise of predatory publishing and journals [Log in to the BDA home page and follow the link to the BDJ to access]	BDJ 2024; 237(9): 699-700
Publication delays of systematic reviews in dentistry: Findings, implications, and potential solutions [can be accessed on DOSS free by logging in on this page]	Int J Periodont Restor Dent 2024; 44(3): 252-255
Pay attention to the analysis: Common statistical errors in orthodontic randomised clinical trials	Seminars Orthod 2024; 30(1): 68-71
A gentle introduction to network meta-analysis for orthodontists [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	Seminars Orthod 2024; 30(1): 58-67
An introduction to interpreting meta-analyses for orthodontists	Seminars Orthod 2024; 30(1): 50-57
Reliability statistics every orthodontist should know [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	Seminars Orthod 2024; 30(1): 45-49
Missing data: Issues, concepts, methods	Seminars Orthod 2024; 30(1): 37-44
Survival analysis: Methods for analyzing data with censored observations [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	Seminars Orthod 2024; 30(1): 29-36
Analyzing longitudinal growth data in orthodontics [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	Seminars Orthod 2024; 30(1): 18-28
Observational studies in orthodontics [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	Seminars Orthod 2024; 30(1): 10-17
Enhancing the quality of reporting of orthodontic clinical research [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	Seminars Orthod 2024; 30(1): 2-9
An overview of meta-analysis for dental researchers [can be accessed on DOSS free by logging in on this page]	Int J Oral Maxillofac Implants 2024; 39(1): 18-28
Help with dental history research (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Dental Historian 2024; 69 (1): 36-9



RESEARCH

Quantitative assessment of systematic bias: a guide for researchers [can be accessed on DOSS free by logging in on this page]	J Dent Res 2023; 102 (12): 1288-92
The dental researcher's guide to data analysis - Part 2 [can be accessed on DOSS free by logging in on this page]	Int J Oral Maxillofac Implants 2023; 38 (5): 847-854
The dental researcher's guide to data analysis: Part 1 [can be accessed on DOSS free by logging in on this page]	Int J Oral Maxillofac Implants 2023; 38 (4): 543-650
A practitioner's guide to developing critical appraisal skills: How to interpret the magnitude of clinical study results [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Am Dent Assoc 2023; 154 (9): 836-41
An overview of time-to-event analysis in dental research [can be accessed on DOSS free by logging in on this page]	Int J Oral Maxillofac Impl 2023; 38 (2): 219-225
Correlation in dental studies: why it matters and what to do about it [can be accessed on DOSS free by logging in on this page]	Int J Oral Maxillofac Impl 2023; 38 (3): 417-421
Why and how we can use data linkage in oral health research: a narrative review [Accessible from the Wiley link on this page]	Community Dentistry & Oral Epidemiology 2023; 51(1): 75-78
How to use mixed methods in oral health research [Accessible from the Wiley link on this page]	Community Dentistry & Oral Epidemiology 2023; 51(1): 71-74
The necessity of qualitative research for advancing oral health [Accessible from the Wiley link on this page]	Community Dentistry & Oral Epidemiology 2023; 51(1): 67-70
QALYs, DALYs, and HALYs: A unifying framework for the evaluation of population health	J Health Econ 2023; 87: 102714
Dental research data availability and quality according to the FAIR principles	J Dent Res 2022; 101 (11): 1307-1313
Missing data, part 2. Missing data mechanisms: Missing completely at random, missing at random, missing not at random, and why they matter [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	Am J Orthod Dentofac Orthop 2022; 162 (1): 138-139
Missing data, part 3. How to explore missing data [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	Am J Orthod Dentofac Orthop 2022; 162 (2): 282-283
Spin in the abstracts of randomized controlled trials in Operative Dentistry: a cross-sectional analysis (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Oper Dent 2022; 47 (3): 287-300
There is room for improvement in the use of scoping reviews in dentistry [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Dent 2022; (122): 104161
The long-term influence Of Open Access on the scientific and social impact of dental journal articles: an updated analysis [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Dent 2022; (119): 104067
Top tips for incorporating research	BDJ 2022; 232: 427-9
What you read is what you get: are orthodontic randomized clinical trials correctly titled? [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	Am J Orthod Dentofac Orthop 2022; 161(4): e303-e315
The 100 most-cited articles in orthodontic journals in the last 20 years [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	Am J Orthod Dentofac Orthop 2022; 161(3): e260-e276



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Data dentistry: how data are changing clinical care and research	J Dent Res 2022; 101 (1): 21-29
Early optimistic effect in periodontology and implant dentistry trials	J Dent Res 2022; 101 (1): 30-36
Evidence and consequences of academic drift in the field of dental research: A bibliometric analysis 2000–2015	BDJ Open 2022 (Jan 17) Article No. 3
The Human Salivary Proteome Wiki: a community-driven research platform	J Dent Res 2021; 100 (13): 1510-1519
Evaluating the use of multimedia information when recruiting adolescents to orthodontics research: a randomised controlled trial	J Orthod 2021; 48 (4): 343-351
On analysing clinical trial data using a change from baseline	J Orthod 2021; 48 (4): 451-454
Do different methods of digital data analysis lead to different results? [can be accessed on DOSS free by logging in on this page]	Int J Computerized Dent 2021; 24(2): 157-164
On trial outcomes measured at baseline and after follow-up	J Orthod 2021; 48(3): 323-325
How orthodontic research can be enriched and advanced by the novel and promising evolutions in biomedicine [can be accessed on DOSS free by logging in on this page]	J Orthod 2021; 48(3): 288-294
On the relative performance of diagnostic tests	J Dent Res 2021; 48(2): 199-201
Citation of prior systematic reviews in reports of randomized controlled trials published in dental speciality journals [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Dent 2021; (109): 103658
One year of unsolicited e-mails: The modus operandi of predatory journals and publishers [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Dent 2021; (109): 103618
Dental research waste in design, analysis, and reporting: A scoping review [can be accessed on DOSS free by logging in on this page]	J Dent Res 2021; 100(3): 245-252
Sampling, testing and interpreting a test's result	J Orthod 2021; 48(1): 88-90
A study of the reporting of patient and public involvement and engagement (PPIE) in orthodontic research	J Orthod 2021; 48(1): 42-51
Dental practice-based research networks (D-PBRN) worldwide: A scoping review [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Dent 2021; (104): 103523
Evidence mapping and quality assessment of systematic reviews in dental traumatology (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Dent Traumatol 2021; 37(1): 17-36
<i>Prudens quaestio</i> in diagnostic studies [can be accessed on DOSS free by logging in on this page]	J Orthod 2020; 47(4): 363-365
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Interviews and focus groups in qualitative research: an update for the digital age [Log in to the BDA home page and follow the link to the BDJ to access]	Br Dent J 2018; 225(7): 668-672
Initiating research in a private dental practice [Log in to the BDA home page and follow the link to the BDJ to access]	Br Dent J 2018; 224 (7): 487-489
Survival analysis, part 2: Kaplan-Meier method and the log-rank test [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	Am J Orthod Dentofac Orthop 2017; (152): 569-571



Lessons learned on recruitment and retention in hard-to-reach families in a phase III randomised controlled trial of preparatory information for children undergoing general anaesthesia	BMC Oral Health 2017; (17): 122
Survival analysis, part 1: introduction [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	Am J Orthod Dentofac Orthop 2017; 152 (3): 428-430
How to design a randomised controlled trial [Log in to the BDA home page and follow the link to the BDJ to access]	Br Dent J 2017; 222(9): 721-726
How to find dental survival articles: using the new search strategies [can be accessed on DOSS free by logging in on this page]	Int J Prosthodont 2016; (29): 135-138
Research waste: how are dental survival articles indexed and reported? [can be accessed on DOSS free by logging in on this page]	Int J Oral Maxillofac Implants 2016; (31): 125-132
How to “sell” your paper to a peer-reviewed journal [Editorial] [can be accessed on DOSS free by logging in on this page]	J Adhesive Dent 2016; 18 (2): 95-96
Two-way analysis of variance: part 2 [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	Am J Orthod Dentofac Orthop 2016; (149): 137-139
Understanding and evaluating meta-analysis [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Am Dent Assoc 2016; 147 (4): 264-270
Sample-size calculation for repeated-measures and longitudinal studies [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	Am J Orthod Dentofacial Orthop 2015; (147): 146-149
The evolution of dental journals from 2003 to 2012: a bibliometric analysis	PLoS ONE 2015; 10(3): e0119503
The sampling distribution [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	Am J Orthod Dentofac Orthop 2015; (147): 517-519
Publication bias & small-study effects in pediatric dentistry meta-analyses (request using https://www.smartsurvey.co.uk/s/PJHMY/)	J Evid Based Dent Pract 2015; (15): 8-24
Reporting quality of randomised controlled trials published in prosthodontic and implantology journals [can be accessed on DOSS free by logging in on this page]	J Oral Rehab 2015; 42 (12): 914-925
Comparison of 2 means for matched observations (paired t Test) and t test assumptions [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	Am J Orthod Dentofac Orthop 2015; (148): 515-516
Methodological challenges when performing a systematic review	Eur J Orthod 2015; [Epub ahead of print]
What is the proper sample size for studies of periodontal treatment? [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	Dent Clin N Am 2015; (59): 781-797
How to test validity in orthodontic research: a mixed dentition analysis example [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	Am J Orthod Dentofac Orthop 2015; (147): 272-279
Promises and pitfalls in the use of “big data” for clinical research [can be accessed on DOSS free by logging in on this page]	J Dent Res 2015; 94 (9 Suppl. 2): 107s-109s
Does self-citation influence quantitative measures of research productivity among academic oral and maxillofacial surgeons? [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Oral Maxillofac Surg 2015; (73): 1981.e1-1981.e7



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Analysis of variance [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	Am J Orthod Dentofac Orthop 2015; (148): 868-869
Randomized controlled trial: the gold standard or an unobtainable fallacy?	Eur J Orthod 2015; 37 (5): 457-461
Linear mixed model approach to network meta-analysis for continuous outcomes in periodontal research [Accessible from the Wiley link on this page]	J Clin Periodontol 2015; 42 (2): 204-212
Two-way analysis of variance: part 1 [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	Am J Orthod Dentofac Orthop 2015; (148): 1078-1079
Writing a scientific paper is not rocket science! [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Oral Maxillofac Surg 2015; (73): s160-s169
Network science and oral health research [Accessible from the Wiley link on this page]	J Pub Health Dent 2015; 75 (2): 142-147
Systematic review and meta-analysis: what are the implications in the clinical practice?	Dent Press J Orthod 2015; 20 (1): 17-19
Is the evaluation of risk of bias in periodontology and implant dentistry comprehensive? A systematic review [Accessible from the Wiley link on this page]	J Clin Periodontol 2015; 42: 488-94
Will your article be found? Authors choose a confusing variety of words to describe dental survival analysis [Accessible from the Wiley link on this page]	Clin Oral Implants Res 2015; 26: 115-22
Conference proceedings. How is research going to progress in the next 20 years? Transcription of session for editors, associate editors, publishers and others with an interest in scientific publishing held at IADR meeting in Seattle on Wednesday, 20 March 2013	J Dent 2014; (42): 219-228
A practical approach to evidence-based dentistry. How to search for evidence to inform clinical decisions [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Am Dent Assoc 2014; 145 (12): 1262-1267
Meta-analysis for orthodontists: part I – how to choose effect measure and statistical model [can be accessed on DOSS free by logging in on this page]	J Orthodont 2014; 41: 317-26
Meta-analysis for orthodontists: part II – is all that glitters gold? [can be accessed on DOSS free by logging in on this page]	J Orthodont 2014; 41: 327-36
Supplementing online surveys with a mailed option to reduce bias and improve response rate: the National Dental Practice-Based Research Network	J Pub Health Dent 2014; 74: 276-82
Quality of reporting of dental survival analyses [can be accessed on DOSS free by logging in on this page]	J Oral Rehab 2014; 41 (12): 928-40
“It’s valid and reliable” is not enough: critical appraisal of reporting of measures in trials evaluating patient decision aids	Med Decision Making 2014; 34: 560-6
Sample size in orthodontics randomized controlled trials: are numbers justified?	Eur J Orthodont 2013; 36 (1): 67-73
Clinical trial design for orthodontists [can be accessed on DOSS free by logging in on this page]	J Orthodont 2013; 40: 93-103
RAMESES publication standards: realist syntheses	BMC Med 2013; 11: 21



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Level of agreement between self-administered and interviewer-administered CPQ ₈₋₁₀ and CPQ ₁₁₋₁₄ [Accessible from the Wiley link on this page]	Community Dent Oral Epidemiol 2012; 40 (3): 201-209
Randomized clinical trials: is periodontal research good for patients? [Accessible from the Wiley link on this page]	Periodontology 2000 2012; 59: 32-40
Randomized controlled trials: what are they and who needs them? [Accessible from the Wiley link on this page]	Periodontology 2000 2012; 59: 14-31
Methodological quality of a systematic review on physical therapy for temporomandibular disorders: influence of hand search and quality scales	Clin Oral Invest 2012; 16: 295-303
An introduction to research for primary dental care clinicians part 9: stage 10. Writing up and disseminating the results (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Prim Dent Care 2012; 19 (2): 85-91
An introduction to research for primary dental care clinicians part 8: stage 9. Analysing the data (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Prim Dent Care 2012; 19 (2): 77-84
An introduction to research for primary dental care clinicians part 7: stage 8. Collecting data (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Prim Dent Care 2012; 19 (1): 39-43
An introduction to research for primary dental care clinicians part 6: stage 7. Piloting the methodology and project management (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Prim Dent Care 2011; 18 (4): 181-5
An introduction to research for primary dental care clinicians part 5: stage 6b. Obtaining funding (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Prim Dent Care 2011; 18 (3): 133-5
An introduction to research for primary dental care clinicians part 4: stage 6a. Obtaining ethical approval (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Prim Dent Care; 2011; 18 (3): 127-32
Research in prosthodontics: a 10-year observation of trends in topics, collaboration, and funding [can be accessed on DOSS free by logging in on this page]	Int J Prosthodont 2011; 24: 473-8
An introduction to research for primary dental care clinicians part 2: stage 4. Planning the study (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Prim Dent Care 2011; 18 (1): 36-40
Quality of randomized controlled trials in dentistry	Int Dent J 2011; (61): 37-42
How primary care dentists perceive and are influenced by research [Accessible from the Wiley link on this page]	Comm Dent Oral Epidemiol 2011; (39): 97-104
An introduction to research for primary dental care clinicians part 3: stage 5. writing a protocol (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Prim Dent Care 2011; 18 (2): 91-94
A qualitative investigation of the views of primary care dentists on participating in prospective studies in the North-West of England [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	Br Dent J 2011; (210): e18
Reflection on a decade of research by asean dental faculties: analysis of publications from ISI-WOS Databases from 2000 to 2009 (request using https://www.smartsurvey.co.uk/s/PJHMV/)	J Invest and Clin Dent 2011; (2): 72-80



An appraisal of the quality of published qualitative dental research [Accessible from the Wiley link on this page]	Comm Dent Oral Epidemiol 2011; 39 (3): 193-203
Balancing research and teaching in dental clinical academic life (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Faculty Dent J 2010; 1 (2): 71-2
An introduction to research for primary dental care clinicians part I: the first three stages in a research project (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Prim Dent Care 2010; 17 (4): 168-172
How well do reports of clinical trials in the orthodontic literature comply with the CONSORT statement? [can be accessed on DOSS free by logging in on this page]	J Orthod 2010; (37): 250-261
Consortium for oral health-related informatics: improving dental research, education, and treatment [Accessible from the Wiley link on this page]	J Dent Educ 2010; 74 (10): 1051-1065
A content analysis of dental education research as reported in two journals [Accessible from the Wiley link on this page]	J Dent Educ 2010; 74 (10): 1106-1112
Recruitment of rural and cognitively impaired older adults for dental research [Accessible from the Wiley link on this page]	Spec Care Dent 2010; 30 (5): 193-199
Using Cochrane reviews for oral diseases	Oral Diseases 2010; (16): 592-596
Design and statistical analysis of oral medicine studies: common pitfalls	Oral Diseases 2010 (16): 233-241
What makes a high quality clinical research paper?	Oral Diseases 2010 <u>16</u> 313-15
Methodological issues in epidemiological studies of periodontitis – how can it be improved?	BMC Oral Health 2010 <u>10</u> 8
A guide to the appraisal of research: 1. The nature of research (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Dental Update 2009 <u>36</u> 495-501
A guide to the appraisal of research: 2. What's in a number? (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Dental Update 2009 <u>36</u> 570-6
An end to crossover designs for studies on the effect of sugar substitutes on caries? (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Caries Research 2009 <u>43</u> 331-3
Towards a proposal for assessment of blinding success in clinical trials: up-to-date review [Accessible from the Wiley link on this page]	Community Dent Oral Epidemiol 2009 <u>37</u> (6): 477-84
An introduction to latent growth curve modelling for longitudinal continuous data in dental research [Accessible from the Wiley link on this page]	Eur J Oral Sci 2009 <u>117</u> (4): 343-50
Meta-analysis: an introduction into a research process [Accessible from the Wiley link on this page]	Spec Care Dent 2008 <u>28</u> 125-30
The effect of bias on the magnitude of clinical outcomes in periodontology: a pilot study [Accessible from the Wiley link on this page]	J Clin Periodontol 2008 <u>35</u> 775-82
Screening and enrolling subjects in a randomized clinical trial involving implant dentures [can be accessed on DOSS free by logging in on this page]	Int J Prosthodont 2008 <u>21</u> 210-14
Oral health research with children [Accessible from the Wiley link on this page]	Int J Paed Dent 2008 <u>18</u> 235-42
Conducting qualitative interviews with school children in dental research [Log in to the BDA home page and follow the link to the BDI to access]	BDJ 2008 <u>204</u> (7): 371-4



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Methods of data collection in qualitative research: interviews and focus groups [Log in to the BDA home page and follow the link to the BDJ to access]	BDJ 2008 204 (6): 291-5
Qualitative research in dentistry [Log in to the BDA home page and follow the link to the BDJ to access]	BDJ 2008 204 (5): 235-9
Analysing and presenting qualitative data [Log in to the BDA home page and follow the link to the BDJ to access]	BDJ 2008 204 (8): 429-32
Seen but not heard: a systematic review of the place of the child in 21 st -century dental research [Accessible from the Wiley link on this page]	Int J Paediatr Dent 2007 17 320-7
A guide for preparing a patient-oriented research manuscript (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Oral Surg Oral Med Oral Pathol Oral Radiol Endo 2007 104 307-15
Shirley Glasstone Hughes Memorial Prize for Dental Research: An evaluation of the output 15 years after the Trust's inception [Log in to the BDA home page and follow the link to the BDJ to access]	BDJ 2007 203 (9): 535-41
Informing research in primary dental care: setting priorities (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Primary Dental Care 2006 13 (3) 85-90
Challenges in interpreting study results – the conflict between appearance and reality [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	JADA 2006 137 32S-36S
An evaluation of search and selection methods used in dental systematic reviews published in English [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	JADA 2006 137 1252-7
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Evaluating the quality of active-control trials in periodontal research [Accessible from the Wiley link on this page]	J Clin Perio 2006 (33) 151-156
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