

A catalogue of reporting guidelines for health research

Updated tables, 8 April 2010

This is a list of reporting guidelines included in the EQUATOR 'Library for Health Research Reporting' (accessed 8 April 2010); it updates the tables published in:

Simera *et al.* A catalogue of reporting guidelines for health research.

Eur J Clin Invest. 2010 Jan;40(1):35-53. PMID [20055895](#)

Experimental studies, including randomised trials

Type of study	Guideline name, acronym, website (if available)	Reference
Randomised controlled trials	CONSORT Statement	Schulz KF, Altman DG, Moher D, for the CONSORT Group. CONSORT 2010 Statement: updated guidelines for reporting parallel group randomised trials. <i>BMJ</i> 2010;340: c332-c332 [Full text]
New		Moher D, Hopewell S, Schulz KF, Montori V, Gotzsche PC, Devereaux PJ, Elbourne D, Egger M, Altman DG. CONSORT 2010 Explanation and Elaboration: updated guidelines for reporting parallel group randomised trials. <i>BMJ</i> 2010;340: c869-c869 [Full text]
		New references will be added as they become available
		Note: CONSORT 2010 replaces CONSORT 2001 (PMID: 11323066 ; PMID: 11304107)
	The CONSORT group extended the Statement to cover some specific issues:	
	CONSORT Harms: Reporting harms in randomised controlled trials (RCTs)	Ioannidis JP, Evans SJ, Gøtzsche PC, O'Neill RT, Altman DG, Schulz K, Moher D, for the CONSORT Group. Better Reporting of Harms in Randomized Trials: An Extension of the CONSORT Statement. <i>Ann Intern Med</i> 2004; 141(10):781-788. PMID: 15545678
	CONSORT Non-inferiority: Reporting noninferiority and equivalence RCTs	Piaggio G, Elbourne DR, Altman DG, Pocock SJ, Evans SJ, for the CONSORT Group. Reporting of Noninferiority and Equivalence Randomized Trials: An Extension of the CONSORT Statement. <i>JAMA</i> 2006; 295(10):1152-1160. PMID: 16522836
	CONSORT Cluster: Reporting cluster RCTs	Campbell MK, Elbourne DR, Altman DG. CONSORT statement: extension to cluster randomised trials. <i>BMJ</i> 2004; 328(7441):702-708. PMID: 15031246
	CONSORT Herbal: Reporting of herbal interventions RCTs	Gagnier JJ, Boon H, Rochon P, Moher D, Barnes J, Bombardier C, for the CONSORT Group. Reporting Randomized, Controlled Trials of Herbal Interventions: An Elaborated CONSORT Statement. <i>Ann Intern Med</i> 2006; 144(5):364-367. PMID: 16520478
	CONSORT Non-pharmacological treatment	Boutron I, Moher D, Altman DG, Schulz K, Ravaud P, for the CONSORT group. Methods and Processes of the CONSORT Group: Example of an Extension for Trials Assessing Nonpharmacologic Treatments. <i>Ann Intern Med.</i> 2008;

		148(4): W60-W66. PMID: 18283201 Boutron I, Moher D, Altman DG, Schulz KF, Ravaud P. Extending the CONSORT statement to randomized trials of nonpharmacologic treatment: explanation and elaboration. Ann Intern Med 2008;148(4):295-309. PMID: 18283207
	CONSORT Abstracts	Hopewell S, Clarke M, Moher D, Wager E, Middleton P, Altman DG, Schulz KF and the CONSORT Group. CONSORT for reporting randomized controlled trials in journal and conference abstracts: explanation and elaboration. PLoS Med 2008; 5(1): e20. doi:10.1371/journal.pmed.0050020. PMID: 18215107 Hopewell S, Clarke M, Moher D, Wager E, Middleton P, Altman DG, et al. CONSORT for reporting randomised trials in journal and conference abstracts. Lancet 2008;371(9609):281-3. PMID: 18221781
	CONSORT Pragmatic Trials	Zwarenstein M, Treweek S, Gagnier JJ, Altman DG, Tunis S, Haynes B, Oxman AD, Moher D; CONSORT group; Pragmatic Trials in Healthcare (Practihc) group. Improving the reporting of pragmatic trials: an extension of the CONSORT statement. BMJ 2008;337:a2390. PMID: 19001484
	Four groups independent from the CONSORT group have expanded the CONSORT criteria to other areas of clinical research:	
	STRICTA Controlled trials of acupuncture	MacPherson H, White A, Cummings M, Jobst K, Rose K, Niemtow R. Standards for reporting interventions in controlled trials of acupuncture: The STRICTA recommendations. Standards for Reporting Interventions in Controlled Trials of Acupuncture. Complement Ther Med 2001;9(4):246-9. PMID: 12184354 Acupunct Med 2002; 20(1):22-25. PMID: 11926601 J Altern Complement Med 2002; 8(1):85-9. PMID: 11890439
	Behavioural medicine RCTs	Davidson KW, Goldstein M, Kaplan RM, Kaufmann PG, Knatterud GL, Orleans CT, Spring B, Trudeau KJ, Whitlock EP. Evidence-based behavioral medicine: what is it and how do we achieve it? Ann Behav Med 2003; 26(3):161-171. PMID: 14644692
	Occupational therapy RCTs	Moberg-Mogren E, Nelson DL. Evaluating the quality of reporting occupational therapy randomized controlled trials by expanding the CONSORT criteria. Am J Occup Ther 2006; 60(2):226-235. PMID: 16596926
	RedHot Homeopathic treatments	Dean ME, Coulter MK, Fisher P, Jobst K, Walach H. Reporting data on homeopathic treatments (RedHot): A supplement to CONSORT. Forsch Komplementmed 2006; 13(6):368-371. PMID: 17200612
Adjudication committees in clinical trials New		Dechartres A, Boutron I, Roy C, Ravaud P. Inadequate planning and reporting of adjudication committees in clinical trials: recommendation proposal. J Clin Epidemiol 2009 Jul;62(7):695-702. PMID: 19135860
Data monitoring committees, interim analysis and early		Fernandes RM, van der Lee JH, Offringa M. A systematic review of the reporting of Data Monitoring Committees' roles, interim analysis and early termination in pediatric clinical

termination in clinical trials New		trials. BMC Pediatr 2009;9:77. PMID: 20003383
Neuro-oncology trials - phase I and II	GNOSIS	Chang SM, Reynolds SL, Butowski N, Lamborn KR, Buckner JC, Kaplan RS, Bigner DD. GNOSIS: guidelines for neuro-oncology: standards for investigational studies-reporting of phase 1 and phase 2 clinical trials. Neuro Oncol 2005; 7(4):425-434. PMID: 16212807
Neuro-oncology trials - surgery	GNOSIS	Chang S, Vogelbaum M, Lang FF, Haines S, Kunwar S, Chiocca EA, et al. GNOSIS: Guidelines for Neuro-Oncology: Standards for Investigational Studies - reporting of surgically based therapeutic clinical trials. J Neurooncol 2007;82(2):211-20. PMID: 17146595
Phase II trials with historical data		Vickers AJ, Ballen V, Scher HI. Setting the bar in phase II trials: the use of historical data for determining "go/no go" decision for definitive phase III testing. Clin Cancer Res 2007; 13(3):972-976. PMID: 17277252
Non-randomised evaluations of behavioural and public health interventions	TREND	Des Jarlais DC, Lyles C, Crepaz N, TREND Group. Improving the reporting quality of nonrandomized evaluations of behavioral and public health interventions: the TREND statement. Am J Public Health 2004; 94(3):361-366. PMID: 14998794
Non-randomised studies		Reeves BC, Gaus W. Guidelines for reporting non-randomised studies. Forsch Komplementarmed Klass Naturheilkd 2004; 11 Suppl 1:46-52. PMID: 15353903
Infection control intervention studies	ORION	Stone SP, Cooper BS, Kibbler CC, Cookson BD, Roberts JA, Medley GF, Duckworth G, Lai R, Ebrahim S, Brown EM, Wiffen PJ, Davey PG. The ORION statement: guidelines for transparent reporting of Outbreak Reports and Intervention studies Of Nosocomial infection. J Antimicrob Chemother 2007; 59(5):833-840. PMID: 17387116 Lancet Infect Dis 2007; 7: 282-288. PMID: 17376385

Observational studies

Type of study	Guideline name, acronym, website (if available)	Reference
Observational studies in epidemiology	STROBE	von Elm E, Altman DG, Egger M, Pocock SJ, Gotsche PC, Vandenbroucke JP. The Strengthening the Reporting of Observational Studies in Epidemiology (STROBE) Statement: guidelines for reporting observational studies. Ann Intern Med 2007; 147(8):573-577. PMID: 17938396 PLoS Med. 2007;4(10):e296. PMID: 17941714 BMJ. 2007;335(7624):806-808. PMID: 17947786 Prev Med. 2007;45(4):247-251. PMID: 17950122 Epidemiology. 2007;18(6):800-804. PMID: 18049194 Lancet. 2007;370(9596):1453-1457. PMID: 18064739

		Vandenbroucke JP, von Elm E, Altman DG, Gotzsche PC, Mulrow CD, Pocock SJ, Poole C, Schlesselman JJ, Egger M. Strengthening the Reporting of Observational Studies in Epidemiology (STROBE): Explanation and Elaboration. PLoS Med 2007; 4(10):e297. PMID: 17941715 Epidemiology. 2007; 18(6):805-35. PMID: 18049195 Ann Intern Med. 2007;147(8):W163-94. PMID: 17938389
	The STROBE Statement has been extended to cover genetic association studies:	
	STREGA Genetic association studies	Little J, Higgins JP, Ioannidis JP, Moher D, Gagnon F, von Elm E, et al. STrengthening the REporting of Genetic Association Studies (STREGA): An Extension of the STROBE Statement. PLoS Med 2009;6(2):e22. PMID: 19192942 Hum Genet 2009; 125(2):131-151. PMID: 19184668 Eur J Epidemiol 2009;24(1):37-55. PMID: 19189221 Ann Intern Med 2009;150(3):206-215.PMID: 19189911 J Clin Epidemiol 2009;62(6):597-608.e4. PMID: 19217256 Genet Epidemiol 2009;33(7):581-598. PMID: 19278015 Eur J Clin Invest 2009;39(4):247-266. PMID: 19297801
Infection control intervention studies	ORION	Stone SP, Cooper BS, Kibbler CC, Cookson BD, Roberts JA, Medley GF, Duckworth G, Lai R, Ebrahim S, Brown EM, Wiffen PJ, Davey PG. The ORION statement: guidelines for transparent reporting of Outbreak Reports and Intervention studies Of Nosocomial infection. J Antimicrob Chemother 2007; 59(5):833-840. PMID: 17387116 Lancet Infect Dis 2007; 7: 282–288. PMID: 17376385
Longitudinal observational studies in rheumatology		Wolfe F, Lassere M, van der Heijde D, Stucki G, Suarez-Almazor M, Pincus T, Eberhardt K, Kvien TK, Symmons D, Silman A, van Riel P, Tugwell P, Boers M. Preliminary core set of domains and reporting requirements for longitudinal observational studies in rheumatology. J Rheumatol 1999; 26(2):484-489. PMID: 9972992
Case series		Jabs DA. Improving the Reporting of Clinical Case Series. Am J Ophthalmol 2005; 139(5):900-905. PMID: 15860297
Case series - acupuncture (conduct, reporting)		White A. Conducting and reporting case series and audits--author guidelines for acupuncture in medicine. Acupunct Med 2005; 23(4):181-187. PMID: 16430126
Case-control studies (participation)		Olson SH, Voigt LF, Begg CB, Weiss NS. Reporting participation in case-control studies. Epidemiology 2002; 13(2):123-126. PMID: 11880750
Case reports		Sorinola O, Olufowobi O, Coomarasamy A, Khan KS. Instructions to authors for case reporting are limited: a review of a core journal list. BMC Med Educ 2004; 4:4. PMID: 15043755
Case reports	Cases Journal	No published guideline available - journal's instructions.
Case reports	BMJ guidance	No published guideline available - journal's instructions.
Adverse event reports		Kelly WN, Arellano FM, Barnes J, Bergman U, Edwards RI, Fernandez AM, et al. Guidelines for submitting adverse event reports for publication. Drug Saf 2007; 30(5):367-73. PMID: 17472416
Tumour marker prognostic studies	REMARK	McShane LM, Altman DG, Sauerbrei W, Taube SE, Gion M, Clark GM. REporting recommendations for tumour MARKer

		prognostic studies (REMARK). Br J Cancer 2005; 93(4):387-391. PMID: 16106245 Eur J Cancer 2005;41(12):1690-1696. PMID: 16043346 J Natl Cancer Inst 2005;97(16):1180-1184. PMID: 16106022 Nat Clin Pract Oncol 2005;2(8):416-422. PMID: 16130938 J Clin Oncol 2005;23(36):9067-9072. PMID: 16172462
Prognostic studies with missing covariate data		Burton A, Altman DG. Missing covariate data within cancer prognostic studies: a review of current reporting and proposed guidelines. Br J Cancer 2004; 91(1):4-8. PMID: 15188004
Genetic results in research studies		Bookman E, Langehorne A, Eckfeldt J, Glass K, Jarvik G, Klag M, Koski G, Motulsky A, Wilfond B, Manolio T, Fabsitz R, Luepker RV. Reporting genetic results in research studies: summary and recommendations of an NHLBI working group. Am J Med Genet Part A 2006; 140(10):1033-1040. PMID: 16575896
Survey research		Kelley K, Clark B, Brown V, Sitzia J. Good practice in the conduct and reporting of survey research. Int J Qual Health Care 2003; 15(3):261-266. PMID: 12803354
		Burns KE, Duffett M, Kho ME, Meade MO, Adhikari NK, Sinuff T, et al. A guide for the design and conduct of self-administered surveys of clinicians. CMAJ 2008 Jul 29; 179(3):245-52. PMID: 18663204
Quality of medicine surveys		Newton PN, Lee SJ, Goodman C, Fernandez FM, Yeung S, Phanouvong S, et al. Guidelines for field surveys of the quality of medicines: a proposal. PLoS Med 2009 Mar 24;6(3):e52. PMID: 19320538
Internet e-surveys		Eysenbach G. Improving the quality of Web surveys: the Checklist for Reporting Results of Internet E-Surveys (CHERRIES). J Med Internet Res 2004; 6(3):e34. PMID: 15471760
Momentary self-report data		Stone AA, Shiffman S. Capturing momentary, self-report data: a proposal for reporting guidelines. Ann Behav Med 2002; 24(3):236-243. PMID: 12173681

Diagnostic accuracy studies

Type of study	Guideline name, acronym, website (if available)	Reference
Diagnostic accuracy studies	STARD	Bossuyt PM, Reitsma JB, Bruns DE, Gatsonis CA, Glasziou PP, Irwig LM, Lijmer JG, Moher D, Rennie D, de Vet HC. Towards complete and accurate reporting of studies of diagnostic accuracy: the STARD initiative. Standards for Reporting of Diagnostic Accuracy. Clin Chem 2003; 49(1):1-6. PMID: 12507953 BMJ 2003; 326(7379):41-4. PMID: 12511463 Radiology 2003; 226(1):24-8. PMID: 12511664 Ann Intern Med 2003; 138(1):40-4. PMID: 12513043 Am J Clin Pathol 2003; 119(1):18-22. PMID: 12520693 Clin Biochem 2003; 36(1):2-7. PMID: 12554053 Clin Chem Lab Med 2003; 41(1):68-73. PMID: 12636052

		Bossuyt PM, Reitsma JB, Bruns DE, Gatsonis CA, Glasziou PP, Irwig LM, et al. The STARD statement for reporting studies of diagnostic accuracy: explanation and elaboration. Clin Chem 2003; 49(1):7-18. PMID: 12507954 Ann Intern Med 2003; 138(1):W1-12. PMID: 12513067
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Systematic reviews and meta-analyses

Type of study	RG name / acronym RG website (if available)	Reference
Systematic reviews and meta-analyses	PRISMA	Moher D, Liberati A, Tetzlaff J, Altman DG, The PRISMA Group. Preferred Reporting Items for Systematic Reviews and Meta-Analyses: The PRISMA Statement. PLoS Med 2009; 6(7): e1000097. PMID: 19621072 BMJ 2009; 339:b2535. PMID: 19622551 Ann Intern Med 2009; 151(4):264-9, W64. PMID: 19622511 J Clin Epidemiol 2009; 62(10):1006-12. PMID: 19631508 Open Med 2009; 3(3);123-130 Liberati A, Altman DG, Tetzlaff J, Mulrow C, Gøtzsche PC, et al. The PRISMA Statement for Reporting Systematic Reviews and Meta-Analyses of Studies That Evaluate Health Care Interventions: Explanation and Elaboration. PLoS Med 2009; 6(7): e1000100. PMID: 19621070 BMJ 2009; 339:b2700. PMID: 19622552 Ann Intern Med 2009; 151(4):W65-94. PMID: 19622512 PRISMA Statement replaces the QUOROM guideline (PMID: 10584742)
Meta-analysis of individual participant data New		Riley RD, Lambert PC, Ho-Zaid G. Meta-analysis of individual participant data: rationale, conduct, and reporting. BMJ 2010;340:c221. PMID: 20139215
Meta-analyses of observational studies	MOOSE	Stroup DF, Berlin JA, Morton SC, Olkin I, Williamson GD, Rennie D, Moher D, Becker BJ, Sipe TA, Thacker SB. Meta-analysis of observational studies in epidemiology: a proposal for reporting. Meta-analysis Of Observational Studies in Epidemiology (MOOSE) group. JAMA 2000; 283(15):2008-2012. PMID: 10789670

Other resources that include guidance on reporting systematic reviews

1. [Cochrane Handbook for Systematic Reviews of Interventions](#), Cochrane Collaboration.
2. Little J, Higgins JPT (editors). [The HuGENE™ HuGE Review Handbook](#), version 1.0. Guidelines for systematic review and meta-analysis of gene disease association studies (see also Systematic Reviews of Genetic Association Studies, [PLoS Medicine 2009, 6 \(3\):e1000028](#))
3. [Systematic Reviews](#). CRD's guidance for undertaking reviews in health care. Centre for Reviews and Dissemination, University of York, 2008

Qualitative research

Type of study	Guideline name, acronym, website (if available)	Reference
Qualitative research	COREQ	Tong A, Sainsbury P, Craig J. Consolidated criteria for reporting qualitative research (COREQ): a 32-item checklist for interviews and focus groups. <i>Int J Qual Health Care</i> 2007 Dec;19(6):349-57. PMID: 17872937
Qualitative research New		Malterud K. Qualitative research: standards, challenges, and guidelines. <i>Lancet</i> . 2001?2010 Aug? 11;358(9280):483-8. PMID: 11513933
Qualitative research studies in psychology and related fields		Elliott R, Fischer CT, Rennie DL. Evolving guidelines for publication of qualitative research studies in psychology and related fields. <i>Br J Clin Psychol</i> 1999; 38 (3):215-229. PMID: 10532145
Qualitative research	RATS	The RATS guidelines modified for BioMed Central Instructions to Authors are copyright Jocalyn Clark, BMJ. They can be found in Clark JP: How to peer review a qualitative manuscript. In <i>Peer Review in Health Sciences</i> . Second edition. Edited by Godlee F, Jefferson T. London: BMJ Books; 2003:219-235

Economic evaluations

Type of study	Guideline name, acronym, website (if available)	Reference
Cost-effectiveness analyses		Siegel JE, Weinstein MC, Russell LB, Gold MR. Recommendations for reporting cost-effectiveness analyses. Panel on Cost-Effectiveness in Health and Medicine. <i>JAMA</i> 1996; 276(16):1339-1341. PMID: 8861994
Cost-effectiveness analyses conducted as part of clinical trials (design, conduct, reporting)	ISPOR RCT-CEA	Ramsey S, Willke R, Briggs A, Brown R, Buxton M, Chawla A, Cook J, Glick H, Liljas B, Petitti D, Reed S. Good Research Practices for Cost-Effectiveness Analysis Alongside Clinical Trials: The ISPOR RCT-CEA Task Force Report. <i>Value in Health</i> 2005; 8(5):521-533. PMID: 16176491
Economic evaluation for trial-based studies and decision analytic models (design, analysis, reporting)		Drummond M, Manca A, Sculpher M. Increasing the generalizability of economic evaluations: recommendations for the design, analysis, and reporting of studies. <i>Int J Technol Assess Health Care</i> 2005; 21(2):165-171. PMID: 15921055
Economic evaluations (BMJ)		BMJ – journal's instructions Drummond MF, Jefferson TO. Guidelines for authors and peer reviewers of economic submissions to the BMJ. The BMJ Economic Evaluation Working Party. <i>BMJ</i> 1996 ;313(7052):275-83. PMID: 8704542
Economic evaluation		Nuijten MJ, Pronk MH, Brorens MJ, Hekster YA, Lockefeer JH,

(modelling studies)		de Smet PA, Bonsel G, van der Kuy A. Reporting format for economic evaluation. Part II: Focus on modelling studies. <i>Pharmacoeconomics</i> 1998; 14(3):259-268. PMID: 10186465
Economic evaluation studies in obstetrics (design, execution, interpretation, reporting)		Vintzileos AM, Beazoglou T. Design, execution, interpretation, and reporting of economic evaluation studies in obstetrics. <i>Am J Obstet Gynecol</i> 2004; 191(4):1070-1076. PMID: 15507923
Economic evaluation of haemophilia prophylaxis		Nicholson A, Berger K, Bohn R, Carcao M, Fischer K, Gringeri A, et al. Recommendations for reporting economic evaluations of haemophilia prophylaxis: a nominal groups consensus statement on behalf of the Economics Expert Working Group of The International Prophylaxis Study Group. <i>Haemophilia</i> 2008;14(1):127-32. PMID: 18005148

Quality improvement studies

Type of study	Guideline name, acronym, website (if available)	Reference
Quality improvement studies	SQUIRE	Davidoff F, Batalden P, Stevens D, Ogrinc G, Mooney S. Publication guidelines for quality improvement in health care: evolution of the SQUIRE project. <i>Qual Saf Health Care</i> 2008;17 Suppl 1:i3-i9. PMID: 18836063 <i>BMJ</i> 2009;338:a3152. PMID: 19153129 <i>Jt Comm J Qual Patient Saf</i> 2008; 34(11):681-7. PMID: 19025090 <i>Ann Intern Med</i> 2008; 149(9):670-6. PMID: 18981488 <i>J Gen Intern Med</i> 2008; 23(12):2125-30. PMID: 18830766
Quality improvement studies		Moss F, Thompson R. A new structure for quality improvement reports. <i>Qual Saf Health Care</i> 1999; 8(2):76. PMID: 10557680

Other reporting guidelines

Some guidelines were impossible to categorise under the above headings; they provide guidance for reporting other types of research studies

Type of study	Guideline name, acronym, website (if available)	Reference
Quality of life assessed in clinical trials		Staquet M, Berzon R, Osoba D, Machin D. Guidelines for reporting results of quality of life assessments in clinical trials. <i>Qual Life Res</i> 1996; 5(5):496-502. PMID: 8973129
Quality of life in cancer clinical trials		Lee CW, Chi KN. The standard of reporting of health-related quality of life in clinical cancer trials. <i>J Clin Epidemiol</i> 2000; 53(5):451-458. PMID: 10812316
Clinical guidelines	COGS	Shiffman RN, Shekelle P, Overhage JM, Slutsky J, Grimshaw J, Deshpande AM. Standardized reporting of clinical practice guidelines: a proposal from the Conference on Guideline

		Standardization. Ann Intern Med 2003; 139(6):493-498. PMID: 13679327
Anecdotes of suspected drug adverse reactions	PHARMA	Aronson JK. Anecdotes as evidence. BMJ 2003; 326(7403):1346. PMID: 12816800
Adverse event reports		Kelly WN, Arellano FM, Barnes J, Bergman U, Edwards RI, Fernandez AM, et al. Guidelines for submitting adverse event reports for publication. Drug Saf 2007;30(5):367-73. PMID: 17472416
Good publication practice for pharmaceutical companies		Graf C, Battisti WP, Bridges D, Bruce-Winkler V, Conaty JM, Ellison JM, Field EA, Gurr JA, Marx ME, Patel M, Sanes-Miller C, Yarker YE, and for the International Society for Medical Publication Professionals. Good publication practice for communicating company sponsored medical research: the GPP2 guidelines. BMJ 2009; 339: b4330. PMID: 19946142 GPP2 replace GPP [Wager et al. 2003; PMID: 128147]
Evaluation studies in Health Informatics	STARE-HI	Talmon J, Ammenwerth E, Brender J, de Keizer N, Nykanen P, Rigby M. STARE-HI - Statement on reporting of evaluation studies in Health Informatics. Int J Med Inform 2009; 78(1):1-9. PMID: 18930696
Standardised patient research reports in the medical education literature		Howley L, Szauter K, Perkowski L, Clifton M, McNaughton N. Quality of standardised patient research reports in the medical education literature: review and recommendations. Med Educ 2008 Apr;42(4):350-8. PMID: 18298448
Adjudication committees in clinical trials		Dechartres A, Boutron I, Roy C, Ravaud P. Inadequate planning and reporting of adjudication committees in clinical trials: recommendation proposal. J Clin Epidemiol 2009 Jul;62(7):695-702. PMID: 19135860

Guidance for reporting specific sections of research reports

Type of study	Guideline name, acronym, website (if available)	Reference
Literature searches	STARLITE	Booth A. "Brimful of STARLITE": toward standards for reporting literature searches. J Med Libr Assoc 2006; 94(4):421-9, e205. PMID: 17082834
Figures, Graphs		Pocock SJ, Trivison TG, Wruck LM. Figures in clinical trial reports: current practice & scope for improvement. Trials 2007; 8:36. PMID: 18021449
		Puhan MA, ter Riet G, Eichler K, Steurer J, Bachmann LM. More medical journals should inform their contributors about three key principles of graph construction. J Clin Epidemiol 2006 Oct;59(10):1017-22. PMID: 16980140
Bayesian analyses of	BayesWatch	Spiegelhalter DJ, Myles JP, Jones DR, Abrams KR. Bayesian

health care evaluations		methods in health technology assessment: a review. Health Technol Assess 2000; 4(38):1-130.
Bayesian analysis in clinical studies	ROBUST	Sung L, Hayden J, Greenberg ML, Koren G, Feldman BM, Tomlinson GA. Seven items were identified for inclusion when reporting a Bayesian analysis of a clinical study. J Clin Epidemiol 2005; 58(3):261-268. PMID: 15718115
Subgroup analysis in trials		Wang R, Lagakos SW, Ware JH, Hunter DJ, Drazen JM. Statistics in medicine - reporting of subgroup analyses in clinical trials. N Engl J Med 2007;357(21):2189-2194. PMID: 18032770
Missing data in epidemiological and clinical research		Sterne JA, White IR, Carlin JB, Spratt M, Royston P, Kenward MG, et al. Multiple imputation for missing data in epidemiological and clinical research: potential and pitfalls. BMJ 2009;338:b2393. PMID: 19564179
Discussion		Docherty M, Smith R. The case for structuring the discussion of scientific papers. BMJ 1999; 318(7193):1224-1225. PMID: 10231230
Narrative sections of study reports		Schriger DL. Suggestions for improving the reporting of clinical research: the role of narrative. Ann Emerg Med 2005; 45(4):437-443. PMID: 15795727
Research recommendations		Brown P, Brunnhuber K, Chalkidou K, Chalmers I, Clarke M, Fenton M, Forbes C, Glanville J, Hicks NJ, Moody J, Twaddle S, Timimi H, Young P. How to formulate research recommendations. BMJ 2006; 333(7572): 804-806. PMID: 17038740
Acknowledgement of funders (UK)		Research Information Network. Acknowledgement of Funders in Scholarly Journal Articles. Guidance for UK Research Funders, Authors and Publishers. RIN 2008. http://www.rin.ac.uk/
Conflict of interest	New	<p>ICMJE: Uniform Format for Disclosure of Competing Interests in ICMJE Journals. October 2009 Editorial: http://www.icmje.org/format.pdf Disclosure form: http://www.icmje.org/coi_disclosure.pdf</p> <p>WAME Conflict of Interest Policy Statement. March 2009 http://www.wame.org/conflict-of-interest-in-peer-reviewed-medical-journals</p> <p>Rothman DJ, McDonald WJ, Berkowitz CD, Chimonas SC, DeAngelis CD, Hale RW, et al. Professional medical associations and their relationships with industry: a proposal for controlling conflict of interest. JAMA 2009;301(13):1367-1372. PMID: 19336712</p> <p>Paula A Rochon, John Hoey, An-Wen Chan, Lorraine E Ferris, Joel Lexchin, Sunila R Kalkar, Melanie Sekeres, Wei Wu, Marleen Van Laethem, Andrea Gruneir, M James Maskalyk, David L Streiner, Jennifer Gold, Nathan Taback, David Moher. Financial Conflicts of Interest Checklist 2010 for Clinical Research Studies. Open Medicine, North America, 4, mar.</p>

		2010. Available at: http://www.openmedicine.ca/article/view/356. Date accessed: 24 Mar. 2010.
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Reporting guidelines for specific conditions or procedures

Type of study	Guideline name, acronym, website (if available)	Reference
Actigraphy		Berger AM, Wielgus KK, Young-McCaughan S, Fischer P, Farr L, Lee KA. Methodological challenges when using actigraphy in research. <i>J Pain Symptom Manage</i> 2008; 36(2):191-199. PMID: 18400460
Clinical trials - acute myeloid leukaemia		Cheson BD, Bennett JM, Kopecky KJ, Buchner T, Willman CL, Estey EH, Schiffer CA, Doehner H, Tallman MS, Lister TA, Lo-Coco F, Willemze R, Biondi A, Hiddemann W, Larson RA, Lowenberg B, Sanz MA, Head DR, Ohno R, Bloomfield CD. Revised recommendations of the International Working Group for Diagnosis, Standardization of Response Criteria, Treatment Outcomes, and Reporting Standards for Therapeutic Trials in Acute Myeloid Leukemia. <i>J Clin Oncol</i> 2003; 21(24):4642-4649. PMID: 14673054
Vision screening studies		Donahue SP, Arnold RW, Ruben JB. Preschool vision screening: what should we be detecting and how should we report it? Uniform guidelines for reporting results of preschool vision screening studies. <i>J AAPOS</i> 2003; 7(5):314-316. PMID: 14566312
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Clinical trials of rheumatoid arthritis – reporting disease activity		Aletaha D, Landewe R, Karonitsch T, Bathon J, Boers M, Bombardier C, et al. Reporting disease activity in clinical trials of patients with rheumatoid arthritis: EULAR/ACR collaborative recommendations. Ann Rheum Dis 2008;67(10):1360-4. PMID: 18791055
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Surgery - heart valve surgery morbidity		Horstkotte D, Lengyel M, Mistiaen WP, Piper C, Voller H. Recommendations for reporting morbid events after heart valve surgery. J Heart Valve Dis 2005; 14(1):1-7. PMID: 15700427
Surgery - atrial fibrillation		Shemin RJ, Cox JL, Gillinov AM, Blackstone EH, Bridges CR. Guidelines for reporting data and outcomes for the surgical treatment of atrial fibrillation. Ann Thorac Surg 2007; 83(3):1225-1230. PMID: 17307507
Systematic inflammatory response to cardiopulmonary bypass		Landis RC, Arrowsmith JE, Baker RA, de Somer F, Dobkowski WB, Fisher G, et al. Consensus statement: Defining minimal criteria for reporting the systemic inflammatory response to cardiopulmonary bypass. Heart Surg Forum 2008;11(5):E316-E322. PMID: 19131308
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In-hospital resuscitation	Utstein-style guidelines - resuscitation	Cummins RO, Chamberlain D, Hazinski MF, Nadkarni V, Kloeck W, Kramer E, Becker L, Robertson C, Koster R, Zaritsky A, Bossaert L, Ornato JP, Callanan V, Allen M, Steen P, Connolly B, Sanders A, Idris A, Cobbe S. Recommended guidelines for reviewing, reporting, and conducting research on in-hospital resuscitation: the in-hospital 'Utstein style'. A statement for healthcare professionals from the American Heart Association, the European Resuscitation Council, the Heart and Stroke Foundation of Canada, the Australian Resuscitation Council, and the Resuscitation Councils of Southern Africa. Resuscitation 1997; 34(2):151-183. PMID: 9141159
Trauma		Dick WF, Baskett PJ. Recommendations for uniform reporting of data following major trauma--the Utstein style. A report of a working party of the International Trauma Anaesthesia and Critical Care Society (ITACCS). Resuscitation 1999; 42(2):81-100. PMID: 10617327
Laboratory cardiopulmonary resuscitation (CPR)		Idris AH, Becker LB, Ornato JP, Hedges JR, Bircher NG, Chandra NC, Cummins RO, Dick W, Ebmeyer U, Halperin HR, Hazinski MF, Kerber RE, Kern KB, Safar P, Steen PA, Swindle MM, Tsitlik

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Post-resuscitation care		Langhelle A, Nolan J, Herlitz J, Castren M, Wenzel V, Soreide E, Engdahl J, Steen PA. Recommended guidelines for reviewing, reporting, and conducting research on post-resuscitation care: the Utstein style. <i>Resuscitation</i> 2005; 66(3):271-283. PMID: 16129543
Medical dispatch in emergency medicine studies		Castren M, Karlsten R, Lippert F, Christensen EF, Bovim E, Kvam AM, et al. Recommended guidelines for reporting on emergency medical dispatch when conducting research in emergency medicine: the Utstein style. <i>Resuscitation</i> 2008;79(2):193-7. PMID: 18805620
Paediatric advanced life support		Zaritsky A, Nadkarni V, Hazinski MF, Foltin G, Quan L, Wright J, Fiser D, Zideman D, O'Malley P, Chameides L. Recommended guidelines for uniform reporting of pediatric advanced life support: the pediatric Utstein style. <i>Ann Emerg Med</i> 1995; 26(4):487-503. PMID: 7574133
Intra-arterial cerebral thrombolysis for acute ischemic stroke	Society for Interventional Radiology guidelines	Higashida RT, Furlan AJ, Roberts H, Tomsick T, Connors B, Barr J, Dillon W, Warach S, Broderick J, Tilley B, Sacks D. Trial design and reporting standards for intra-arterial cerebral thrombolysis for acute ischemic stroke. <i>Stroke</i> 2003; 34(8):e109-e137. PMID: 12869717
Renal artery revascularization		Rundback JH, Sacks D, Kent KC, Cooper C, Jones D, Murphy T, Rosenfield K, White C, Bettmann M, Cortell S, Puschett J, Clair DG, Cole P. Guidelines for the reporting of renal artery revascularization in clinical trials. <i>J Vasc Interv Radiol</i> 2003; 14(9 Pt 2):S477-S492. PMID: 14514863
Evaluation of new peripheral arterial revascularization devices		Sacks D, Marinelli DL, Martin LG, Spies JB. Reporting standards for clinical evaluation of new peripheral arterial revascularization devices. <i>J Vasc Interv Radiol</i> 2003; 14(9 Pt 2):S395-S404. PMID: 14514855
Percutaneous interventions in dialysis access		Gray RJ, Sacks D, Martin LG, Trerotola SO. Reporting standards for percutaneous interventions in dialysis access. <i>Technology Assessment Committee. J Vasc Interv Radiol</i> 1999; 10(10):1405-1415. PMID: 10584659
Infectious complications in immunosuppression trials	American Society of Transplantation guidelines	Humar A, Michaels M. American Society of Transplantation recommendations for screening, monitoring and reporting of infectious complications in immunosuppression trials in recipients of organ transplantation. <i>Am J Transplant</i> 2006; 6(2):262-274. PMID: 16426310
Percutaneous vertebral augmentation	Society of Interventional Radiology	Radvany MG, Murphy KJ, Millward SF, Barr JD, Clark TW, Halin NJ, et al. Research reporting standards for percutaneous vertebral augmentation. <i>J Vasc Interv Radiol</i> 2009;20(10):1279-1286. PMID: 19800540
Novel markers of cardiovascular risk	American Heart Association	Hlatky MA, Greenland P, Arnett DK, Ballantyne CM, Criqui MH, Elkind MS, et al. Criteria for evaluation of novel markers of

		cardiovascular risk: a scientific statement from the American Heart Association. Circulation 2009;119(17):2408-2416. PMID: 19364974
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Reporting experimental data

The EQUATOR Network website provides a link to the 'Minimum Information for Biological and Biomedical Investigations' (MIBBI) website (http://www.mibbi.org/index.php/Main_Page). The MIBBI portal list projects developing 'minimum information checklists' for reporting particular kinds of experimental data in 'omics' (and allied) technologies. The website currently (accessed 11 January 2010) contains guidance for the following types of experiments:

Project (website link)	Name
CIMR	Core Information for Metabolomics Reporting
MIABE	Minimal Information About a Bioactive Entity
MIACA	Minimal Information About a Cellular Assay
MIAME	Minimum Information About a Microarray Experiment
MIAME/Env	MIAME / Environmental transcriptomic experiment
MIAME/Nutr	MIAME / Nutrigenomics
MIAME/Plant	MIAME / Plant transcriptomics
MIAME/Tox	MIAME / Toxicogenomics
MIAPA	Minimum Information About a Phylogenetic Analysis
MIAPAR	Minimum Information About a Protein Affinity Reagent
MIAPE	Minimum Information About a Proteomics Experiment
MIARE	Minimum Information About a RNAi Experiment
MIASE	Minimum Information About a Simulation Experiment
MIASPPE	Minimum Information About Sample Preparation for a Phosphoproteomics Experiment
MIENS	Minimum Information about an ENvironmental Sequence
MIFlowCyt	Minimum Information for a Flow Cytometry Experiment
MIGen	Minimum Information about a Genotyping Experiment
MIGS	Minimum Information about a Genome Sequence
MIMIx	Minimum Information about a Molecular Interaction Experiment
MIMPP	Minimal Information for Mouse Phenotyping Procedures
MINI	Minimum Information about a Neuroscience Investigation
MINIMESS	Minimal Metagenome Sequence Analysis Standard
MINSEQE	Minimum Information about a high-throughput SeQuencing Experiment
MIPFE	Minimal Information for Protein Functional Evaluation
MIQAS	Minimal Information for QTLs and Association Studies
MIqPCR	Minimum Information about a quantitative Polymerase Chain Reaction experiment

MIRIAM	Minimal Information Required In the Annotation of biochemical Models
MISFISHIE	Minimum Information Specification For In Situ Hybridization and Immunohistochemistry Experiments
STRENDA	Standards for Reporting Enzymology Data
TBC	Tox Biology Checklist

Guidance developed by editorial groups

The following guidelines relating to publications of health research were developed by influential editorial groups:

Editorial group	Website	Reference
International Committee of Medical Journal Editors (ICMJE)	http://www.icmje.org/	Uniform Requirements for Manuscripts Submitted to Biomedical Journals: Writing and Editing for Biomedical Publication. (Updated October 2008)
World Association of Medical Editors (WAME)	http://www.wame.org/resources	Resources, Policy Statements
Council of Science Editors (CSE)	http://www.councilscienceeditors.org/editorial_policies/white_paper.cfm	CSE's White Paper on Promoting Integrity in Scientific Journal Publications
The American Psychological Association (APA) Working Group on Journal Article Reporting Standards (JARS Group)	http://www.apa.org/journals/authors/jars.pdf	Reporting Standards for Research in Psychology: Why Do We Need Them? What Might They Be? American Psychologist 2008 Vol. 63, No. 9, 839–851
Forum for African Medical Editors (FAME)	http://whqlibdoc.who.int/hq/2004/TDR_RCS_FAME_04.2.pdf	FAME editorial guidelines
Eastern Mediterranean Association of Medical Editors (EMAME)	http://www.emro.who.int/emame/index.htm	Manual for editors of health science journals
Committee on Publication Ethics (COPE)	http://publicationethics.org/code-conduct	Code of Conduct
Committee on Publication Ethics (COPE)	http://publicationethics.org/	Wager E, Barbour V, Yentis S, Kleinert S. Retractions: guidance from the Committee on Publication Ethics. J Crit Care 2009 Dec;24(4):620-2. PMID:19931155

Limitations of the EQUATOR reporting guideline collection

Although we run regular comprehensive searches across the main databases indexing health-related literature it is possible we missed some published guidelines. This might have happened particularly in the case of reporting guidelines for specific diseases or conditions.

There are also guidelines being developed with the aim of standardising terminology in health research reporting. These are not currently included on the EQUATOR website but we are planning to put more emphasis on identification of those guidelines and add them to the EQUATOR Library in the future.

We would like to acknowledge the support of many journals who agreed to publish some reporting guidelines as identical multiple publications, which requires a great effort and collaboration, to support wider dissemination of the guidelines. These guidelines include CONSORT, STRICTA, ORION, STROBE, STREGA, REMARK, STARD, PRISMA, SQUIRE, and some of the guidelines for specific conditions. Currently, the EQUATOR website lists only one reference per guideline without any preference for a particular journal. However, we are in the process of developing a much improved database, which will offer more information about the available guidelines, including references to all guideline publications, evaluations of guideline impact, etc. The EQUATOR Network and guideline groups greatly appreciate journals' support and want to encourage multiple publications of new guidelines in the future.