



International Committee of Medical Journal Editors (ICMJE) Recommendations for the Conduct, Reporting, Editing and Publication of Scholarly Work in Medical Journals: Sample References

The [International Committee of Medical Journal Editors](#) offers guidance to authors in its publication [Recommendations for the Conduct, Reporting, Editing and Publication of Scholarly Work in Medical Journals \(ICMJE Recommendations\)](#), which was formerly the Uniform Requirements for Manuscripts. The recommended style for references is based on the National Information Standards Organization [NISO Z39.29-2005](#) (R2010) Bibliographic References as adapted by the National Library of Medicine for its databases. Details are in [Citing Medicine](#). (Note [Appendix F](#) which covers how citations in MEDLINE/PubMed differ from the advice in *Citing Medicine*.) Sample references typically used by authors of journal articles are provided below.

Articles in Journals (see also #36. *Journal article on the Internet* and #43. *Dataset description article*)

1. *Standard journal article*

List the first six authors followed by et al. (Note: NLM now lists all authors.)

Halpern SD, Ubel PA, Caplan AL. Solid-organ transplantation in HIV-infected patients. *N Engl J Med*. 2002 Jul 25;347(4):284-7.

As an option, if a journal carries continuous pagination throughout a volume (as many medical journals do) the month and issue number may be omitted.

Halpern SD, Ubel PA, Caplan AL. Solid-organ transplantation in HIV-infected patients. *N Engl J Med*. 2002;347:284-7.

More than six authors:

Rose ME, Huerbin MB, Melick J, Marion DW, Palmer AM, Schiding JK, et al. Regulation of interstitial excitatory amino acid concentrations after cortical contusion injury. *Brain Res*. 2002;935(1-2):40-6.

Optional addition of a database's unique identifier for the citation: [Edited 12 May 2009]

Halpern SD, Ubel PA, Caplan AL. Solid-organ transplantation in HIV-infected patients. *N Engl J Med*. 2002 Jul 25;347(4):284-7. PubMed PMID: 12140307.

Forooghian F, Yeh S, Faia LJ, Nussenblatt RB. Uveitic foveal atrophy: clinical features and associations. *Arch Ophthalmol*. 2009 Feb;127(2):179-86. PubMed PMID: 19204236; PubMed Central PMCID: PMC2653214.

Optional addition of a clinical trial registration number: [Added 12 May 2009]

Trachtenberg F, Maserejian NN, Soncini JA, Hayes C, Tavares M. Does fluoride in compomers prevent future caries in children? *J Dent Res*. 2009 Mar;88(3):276-9. PubMed PMID: 19329464. ClinicalTrials.gov registration number: NCT00065988.

2. *Organization as author*

Diabetes Prevention Program Research Group. Hypertension, insulin, and proinsulin in participants with impaired glucose tolerance. *Hypertension*. 2002;40(5):679-86.

3. *Both personal authors and organization as author* (List all as they appear in the byline.) [Edited 12 May 2009]

Vallancien G, Emberton M, Harving N, van Moorselaar RJ; Alf-One Study Group. Sexual dysfunction in 1,274 European men suffering from lower urinary tract symptoms. *J Urol*. 2003;169(6):2257-61.

Margulies EH, Blanchette M; NISC Comparative Sequencing Program, Haussler D, Green ED. Identification and characterization of multi-species conserved sequences. *Genome Res*. 2003 Dec;13(12):2507-18.

4. *No author given*

21st century heart solution may have a sting in the tail. *BMJ*. 2002;325(7357):184.

5. *Article not in English* [Edited 12 May 2009]

Ellingsen AE, Wilhelmsen I. Sykdomsangst blant medisiner- og jusstudenter. *Tidsskr Nor Lægeforen*. 2002;122(8):785-7. Norwegian.

Optional translation of article title (MEDLINE/PubMed practice):

Ellingsen AE, Wilhelmsen I. [Disease anxiety among medical students and law students]. *Tidsskr Nor Lægeforen*. 2002 Mar 20;122(8):785-7. Norwegian.

6. *Volume with supplement*

Geraud G, Spierings EL, Keywood C. Tolerability and safety of frovatriptan with short- and long-term use for treatment of migraine and in comparison with sumatriptan. *Headache*. 2002;42 Suppl 2:S93-9.

7. *Issue with supplement*

Glaser TA. Integrating clinical trial data into clinical practice. *Neurology*. 2002;58(12 Suppl 7):S6-12.

8. *Volume with part*

Abend SM, Kulish N. The psychoanalytic method from an epistemological viewpoint. *Int J Psychoanal*. 2002;83(Pt 2):491-5.

9. *Issue with part*

Ahrar K, Madoff DC, Gupta S, Wallace MJ, Price RE, Wright KC. Development of a large animal model for lung tumors. *J Vasc Interv Radiol*. 2002;13(9 Pt 1):923-8.

10. *Issue with no volume*

Banit DM, Kaufer H, Hartford JM. Intraoperative frozen section analysis in revision total joint arthroplasty. *Clin Orthop*. 2002;(401):230-8.

11. *No volume or issue*

Outreach: bringing HIV-positive individuals into care. *HRSA Careaction*. 2002 Jun:1-6.

12. *Pagination in roman numerals*

Chadwick R, Schuklenk U. The politics of ethical consensus finding. *Bioethics*. 2002;16(2):iii-v.

13. *Type of article indicated as needed*

Tor M, Turker H. International approaches to the prescription of long-term oxygen therapy [letter]. *Eur Respir J*. 2002;20(1):242.

Lofwall MR, Strain EC, Brooner RK, Kindbom KA, Bigelow GE. Characteristics of older methadone maintenance (MM) patients [abstract]. *Drug Alcohol Depend*. 2002;66 Suppl 1:S105.

14. *Article containing retraction*

Feifel D, Moutier CY, Perry W. Safety and tolerability of a rapidly escalating dose-loading regimen for risperidone. *J Clin Psychiatry*. 2002;63(2):169. Retraction of: Feifel D, Moutier CY, Perry W. *J Clin Psychiatry*. 2000;61(12):909-11.

Article containing a partial retraction: [\[Added 12 May 2009\]](#)

Starkman JS, Wolder CE, Gomelsky A, Scarpero HM, Dmochowski RR. Voiding dysfunction after removal of eroded slings. *J Urol*. 2006 Dec;176(6 Pt 1):2749. Partial retraction of: Starkman JS, Wolter C, Gomelsky A, Scarpero HM, Dmochowski RR. *J Urol*. 2006 Sep;176(3):1040-4.

15. *Article retracted*

Feifel D, Moutier CY, Perry W. Safety and tolerability of a rapidly escalating dose-loading regimen for risperidone. *J Clin Psychiatry*. 2000;61(12):909-11. Retraction in: Feifel D, Moutier CY, Perry W. *J Clin Psychiatry*. 2002;63(2):169.

Article partially retracted: [Added 12 May 2009]

Starkman JS, Wolter C, Gomelsky A, Scarpero HM, Dmochowski RR. Voiding dysfunction following removal of eroded synthetic mid urethral slings. *J Urol*. 2006 Sep;176(3):1040-4. Partial retraction in: Starkman JS, Wolder CE, Gomelsky A, Scarpero HM, Dmochowski RR. *J Urol*. 2006 Dec;176(6 Pt 1):2749.

16. *Article republished with corrections*

Mansharamani M, Chilton BS. The reproductive importance of P-type ATPases. *Mol Cell Endocrinol*. 2002;188(1-2):22-5. Corrected and republished from: *Mol Cell Endocrinol*. 2001;183(1-2):123-6.

17. *Article with published erratum*

Malinowski JM, Bolesta S. Rosiglitazone in the treatment of type 2 diabetes mellitus: a critical review. *Clin Ther*. 2000;22(10):1151-68; discussion 1149-50. Erratum in: *Clin Ther*. 2001;23(2):309.

18. *Article published electronically ahead of the print version*

Yu WM, Hawley TS, Hawley RG, Qu CK. Immortalization of yolk sac-derived precursor cells. *Blood*. 2002 Nov 15;100(10):3828-31. Epub 2002 Jul 5.

Books and Other Monographs

19. *Personal author(s)*

Murray PR, Rosenthal KS, Kobayashi GS, Pfaller MA. *Medical microbiology*. 4th ed. St. Louis: Mosby; 2002.

20. *Editor(s), compiler(s) as author*

Gilstrap LC 3rd, Cunningham FG, VanDorsten JP, editors. *Operative obstetrics*. 2nd ed. New York: McGraw-Hill; 2002.

21. *Author(s) and editor(s)*

Breedlove GK, Schorfheide AM. *Adolescent pregnancy*. 2nd ed. Wiczorek RR, editor. White Plains (NY): March of Dimes Education Services; 2001.

22. *Organization(s) as author* [Edited 12 May 2009]

Advanced Life Support Group. *Acute medical emergencies: the practical approach*. London: BMJ Books; 2001. 454 p.

American Occupational Therapy Association, Ad Hoc Committee on Occupational Therapy Manpower. *Occupational therapy manpower: a plan for progress*. Rockville (MD): The Association; 1985 Apr. 84 p.

National Lawyer's Guild AIDS Network (US); National Gay Rights Advocates (US). *AIDS practice manual: a legal and educational guide*. 2nd ed. San Francisco: The Network; 1988.

23. *Chapter in a book*

Meltzer PS, Kallioniemi A, Trent JM. Chromosome alterations in human solid tumors. In: Vogelstein B, Kinzler KW, editors. The genetic basis of human cancer. New York: McGraw-Hill; 2002. p. 93-113.

24. *Conference proceedings*

Harnden P, Joffe JK, Jones WG, editors. Germ cell tumours V. Proceedings of the 5th Germ Cell Tumour Conference; 2001 Sep 13-15; Leeds, UK. New York: Springer; 2002.

25. *Conference paper*

Christensen S, Oppacher F. An analysis of Koza's computational effort statistic for genetic programming. In: Foster JA, Lutton E, Miller J, Ryan C, Tettamanzi AG, editors. Genetic programming. EuroGP 2002: Proceedings of the 5th European Conference on Genetic Programming; 2002 Apr 3-5; Kinsdale, Ireland. Berlin: Springer; 2002. p. 182-91.

26. *Scientific or technical report*

Issued by funding/sponsoring agency:

Yen GG (Oklahoma State University, School of Electrical and Computer Engineering, Stillwater, OK). Health monitoring on vibration signatures. Final report. Arlington (VA): Air Force Office of Scientific Research (US), Air Force Research Laboratory; 2002 Feb. Report No.: AFRLSRBLTR020123. Contract No.: F496209810049.

Issued by performing agency:

Russell ML, Goth-Goldstein R, Apte MG, Fisk WJ. Method for measuring the size distribution of airborne Rhinovirus. Berkeley (CA): Lawrence Berkeley National Laboratory, Environmental Energy Technologies Division; 2002 Jan. Report No.: LBNL49574. Contract No.: DEAC0376SF00098. Sponsored by the Department of Energy.

27. *Dissertation*

Borkowski MM. Infant sleep and feeding: a telephone survey of Hispanic Americans [dissertation]. Mount Pleasant (MI): Central Michigan University; 2002.

28. *Patent*

Pagedas AC, inventor; Ancel Surgical R&D Inc., assignee. Flexible endoscopic grasping and cutting device and positioning tool assembly. United States patent US 20020103498. 2002 Aug 1.

Other Published Material

29. *Newspaper article*

Tynan T. Medical improvements lower homicide rate: study sees drop in assault rate. The Washington Post. 2002 Aug 12;Sect. A:2 (col. 4).

30. *Audiovisual material*

Chason KW, Sallustio S. Hospital preparedness for bioterrorism [videocassette]. Secaucus (NJ): Network for Continuing Medical Education; 2002.

31. *Legal Material*

Public law:

Veterans Hearing Loss Compensation Act of 2002, Pub. L. No. 107-9, 115 Stat. 11 (May 24, 2001).

Unenacted bill:

Healthy Children Learn Act, S. 1012, 107th Cong., 1st Sess. (2001).

Code of Federal Regulations:

Cardiopulmonary Bypass Intracardiac Suction Control, 21 C.F.R. Sect. 870.4430 (2002).

Hearing:

Arsenic in Drinking Water: An Update on the Science, Benefits and Cost: Hearing Before the Subcomm. on Environment, Technology and Standards of the House Comm. on Science, 107th Cong., 1st Sess. (Oct. 4, 2001).

32. *Map*

Pratt B, Flick P, Vynne C, cartographers. Biodiversity hotspots [map]. Washington: Conservation International; 2000.

33. *Dictionary and similar references*

Dorland's illustrated medical dictionary. 29th ed. Philadelphia: W.B. Saunders; 2000. Filamin; p. 675.

Unpublished Material

34. *In press or Forthcoming* [Edited 12 May 2009]

(Note: NLM prefers "Forthcoming" rather than "In press" because not all items will be printed.)

Tian D, Araki H, Stahl E, Bergelson J, Kreitman M. Signature of balancing selection in Arabidopsis. Proc Natl Acad Sci U S A. Forthcoming 2002.

Electronic Material

35. *CD-ROM*

Anderson SC, Poulsen KB. Anderson's electronic atlas of hematology [CD-ROM]. Philadelphia: Lippincott Williams & Wilkins; 2002.

36. *Journal article on the Internet* [Edited 12 May 2009]

Aboud S. Quality improvement initiative in nursing homes: the ANA acts in an advisory role. Am J Nurs [Internet]. 2002 Jun [cited 2002 Aug 12];102(6):[about 1 p.]. Available from: <http://www.nursingworld.org/AJN/2002/june/Wawatch.htm>Article

Optional presentation (omits bracketed phrase that qualifies the journal title abbreviation):

Aboud S. Quality improvement initiative in nursing homes: the ANA acts in an advisory role. *Am J Nurs*. 2002 Jun [cited 2002 Aug 12];102(6):[about 1 p.]. Available from: <http://www.nursingworld.org/AJN/2002/june/Wawatch.htm>Article

Article published on the Internet ahead of the print version:

See # 18.

Optional formats used by NLM in MEDLINE/PubMed:

Article with document number in place of traditional pagination:

Williams JS, Brown SM, Conlin PR. Videos in clinical medicine. Blood-pressure measurement. *N Engl J Med*. 2009 Jan 29;360(5):e6. PubMed PMID: 19179309.

Article with a Digital Object Identifier (DOI):

Zhang M, Holman CD, Price SD, Sanfilippo FM, Preen DB, Bulsara MK. Comorbidity and repeat admission to hospital for adverse drug reactions in older adults: retrospective cohort study. *BMJ*. 2009 Jan 7;338:a2752. doi: 10.1136/bmj.a2752. PubMed PMID: 19129307; PubMed Central PMCID: PMC2615549.

Article with unique publisher item identifier (pii) in place of traditional pagination or DOI:

Tegnell A, Dillner J, Andrae B. Introduction of human papillomavirus (HPV) vaccination in Sweden. *Euro Surveill*. 2009 Feb 12;14(6). pii: 19119. PubMed PMID: 19215721.

37. *Monograph on the Internet* [Edited 12 May 2009]

Foley KM, Gelband H, editors. Improving palliative care for cancer [Internet]. Washington: National Academy Press; 2001 [cited 2002 Jul 9]. Available from: <http://www.nap.edu/books/0309074029/html/>.

38. *Homepage/Web site* [Edited 12 May 2009]

Cancer-Pain.org [Internet]. New York: Association of Cancer Online Resources, Inc.; c2000-01 [updated 2002 May 16; cited 2002 Jul 9]. Available from: <http://www.cancer-pain.org/>.

39. *Part of a homepage/Web site* [Edited 12 May 2009]

American Medical Association [Internet]. Chicago: The Association; c1995-2002 [updated 2001 Aug 23; cited 2002 Aug 12]. AMA Office of Group Practice Liaison; [about 2 screens]. Available from: <http://www.ama-assn.org/ama/pub/category/1736.html>

40. *Database on the Internet* [Edited 12 May 2009]

Open database:

Who's Certified [Internet]. Evanston (IL): The American Board of Medical Specialists. c2000 - [cited 2001 Mar 8]. Available from: <http://www.abms.org/newsearch.asp>

Closed database:

Jablonski S. Online Multiple Congenital Anomaly/Mental Retardation (MCA/MR) Syndromes [Internet]. Bethesda (MD): National Library of Medicine (US); c1999 [updated 2001 Nov 20; cited 2002 Aug 12]. Available from:

http://www.nlm.nih.gov/archive//20061212/mesh/jablonski/syndrome_title.html

41. *Part of a database on the Internet* [Edited 23 October 2015]

MeSH Browser [Internet]. Bethesda (MD): U.S. National Library of Medicine; 2002 - . Meta-analysis; [cited 2015 Oct 23]; [about 2 p.]. Available from: http://www.nlm.nih.gov/cgi/mesh/2015/MB_cgi?mode=&index=16408&view=concept MeSH Unique ID: D017418.

42. *Blogs* [Added 12 May 2009]

Holt M. The Health Care Blog [Internet]. San Francisco: Matthew Holt. 2003 Oct - [cited 2009 Feb 13]. Available from: http://www.thehealthcareblog.com/the_health_care_blog/.

KidneyNotes.com [Internet]. New York: KidneyNotes. c2006 - [cited 2009 Feb 13]. Available from: <http://www.kidneynotes.com/>.

Wall Street Journal. HEALTH BLOG: WSJ's blog on health and the business of health [Internet]. Hensley S, editor. New York: Dow Jones & Company, Inc. c2007 - [cited 2009 Feb 13]. Available from: <http://blogs.wsj.com/health/>.

Contribution to a blog:

Mantone J. Head trauma haunts many, researchers say. 2008 Jan 29 [cited 2009 Feb 13]. In: Wall Street Journal. HEALTH BLOG [Internet]. New York: Dow Jones & Company, Inc. c2008 - . [about 1 screen]. Available from: <http://blogs.wsj.com/health/2008/01/29/head-trauma-haunts-many-researchers-say/>.

Campbell A. Diabetes and alcohol: do the two mix? (Part 2). 2008 Jan 28 [cited 2009 Feb 13]. In: Diabetes Self-Management Blog [Internet]. New York: Diabetes Self-Management. [2006 Aug 14] - . 2 p. Available from: http://www.diabetesselfmanagement.com/blog/Amy_Campbell/Diabetes_and_Alcohol_Do_the_Two_M

Reider J. Docnotes: Health, Technology, Family Medicine and other observations [Internet]. [place unknown]: Jacob Reider. 1999 - . CRP again ...; 2004 Apr 2 [cited 2009 Feb 13]; [about 1 screen]. Available from: <http://www.docnotes.com/2004/04/crp-again.html>

43. *Datasets* [Added 04 November 2015]

Dataset description article:

Kraemer MU, Sinka ME, Duda KA, Mylne A, Shearer FM, Brady OJ, Messina JP, Barker CM, Moore CG, Carvalho RG, Coelho GE, Van Bortel W, Hendrickx G, Schaffner F, Wint GR, Elyazar IR, Teng HJ, Hay SI. The global compendium of *Aedes aegypti* and *Ae. albopictus* occurrence. *Sci Data*.

2015 Jul 7 [cited 2015 Oct 23];2:150035. Available from:

<http://www.nature.com/articles/sdata201535> doi: 10.1038/sdata.2015.35. eCollection 2015. PubMed PMID: 26175912; PubMed Central PMCID: PMC4493829.

Dataset deposit record: *Citing Medicine* format

Kraemer MUG, Sinka ME, Duda KA, Mylne A, Shearer FM, Brady OJ, Messina JP, Barker CM, Moore CG, Carvalho RG, Coelho GE, Van Bortel W, Hendrickx G, Schaffner F, Wint GRW, Elyazar IRF, Teng H, Hay SI. The global compendium of *Aedes aegypti* and *Ae. albopictus* occurrence [dataset]. 2015 Jun 30 [cited 2015 October 23]. In: Dryad Digital Repository [Internet]. Durham(NC): Dryad. 2008 Jan - . 3 files: 3.406 MB; 1.549 MB; 1.815 MB. Available from: <http://dx.doi.org/10.5061/dryad.47v3c> Referenced in doi: 10.7554/eLife.08347

Dataset deposit record: simplified format

Kraemer MUG, Sinka ME, Duda KA, Mylne A, Shearer FM, Brady OJ, Messina JP, Barker CM, Moore CG, Carvalho RG, Coelho GE, Van Bortel W, Hendrickx G, Schaffner F, Wint GRW, Elyazar IRF, Teng H, Hay SI. The global compendium of *Aedes aegypti* and *Ae. albopictus* occurrence [dataset]. 2015 Jun 30 [cited 2015 October 23]. Dryad Digital Repository. Available from: <http://dx.doi.org/10.5061/dryad.47v3c> Referenced in doi: 10.7554/eLife.08347

Dataset repository: *Citing Medicine* format

Dryad Digital Repository [Internet]. Durham (NC): Dryad. 2008 Jan - [cited 2014 Oct 3]. Available from: <http://www.datadryad.org/>.

Dataset repository: simplified format

Dryad Digital Repository. Durham (NC): Dryad. [cited 2014 Oct 3]. Available from: <http://www.datadryad.org/>.

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