# ARCHIVES OF PHYSICAL MEDICINE AND REHABILITATION

Official Journal of the [American Congress of Rehabilitation Medicine](https://www.acrm.org)

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### DESCRIPTION

The *Archives of Physical Medicine and Rehabilitation* publishes original, peer-reviewed research and clinical reports on important trends and developments in physical medicine and rehabilitation and related fields. This international journal brings researchers and clinicians authoritative information on the therapeutic utilization of physical, behavioral and pharmaceutical agents in providing comprehensive care for individuals with chronic illness and disabilities.

*Archives* began publication in 1920, publishes monthly, and is the official journal of the American Congress of Rehabilitation Medicine. Its papers are cited more often than any other rehabilitation journal.

**Benefits to authors**

We also provide many author benefits, such as free PDFs, a liberal copyright policy, special discounts on Elsevier publications and much more. Please click here for more information on our author services.

Please see our Guide for Authors for information on article submission. If you require any further information or help, please visit our Support Center.

### IMPACT FACTOR

2016: 3.289 © Thomson Reuters Journal Citation Reports 2017

### ABSTRACTING AND INDEXING

Scopus

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GUIDE FOR AUTHORS

INTRODUCTION

Archives of Physical Medicine and Rehabilitation publishes original articles that report on important trends and developments in physical medicine and rehabilitation and in the wider interdisciplinary field of rehabilitation. Archives of Physical Medicine and Rehabilitation brings readers authoritative information on the therapeutic utilization of physical and pharmaceutical agents in providing comprehensive care for persons with disabilities and for chronically ill individuals. Archives began publication in 1920, publishes monthly, and is the official journal of the ACRM | American Congress of Rehabilitation Medicine. Its content is cited more often than any other rehabilitation journal.

A steadily increasing rate of submissions has forced the Archives to adopt a policy of restricting its manuscripts to topics that proved new information that may alter clinical practice or represent influential advances in the research. Archives will not review studies involving animal models, healthy normal samples, or small case reports, except in unusual circumstances. We may make exceptions when the clinical implications for populations of persons with chronic illness or disability are compelling. In addition, we will not review studies that report psychometric information of well-established instruments for language-specific applications.

Types of papers

Original Research: Present new and important basic and clinical information, extend existing studies, or provide a new approach to a traditional subject. Manuscripts should be limited to 3000 words of text (Introduction through Conclusions). Figures, tables, and references should be limited to the number needed to clarify, amplify, or document the text.

Brief Reports: Provide preliminary communications of new data, research methods, new ideas, and techniques. Manuscripts should be limited to 1500 words of text (or 1200 words plus 1-2 figures or tables, Introduction through Conclusions), and no more than 10 references. Brief reports should be accompanied by the appropriate reporting guideline and checklist.

The Archives will not consider case reports or animal studies for publication. Please do not submit them.

Commentaries (by Invitation): Focus on issues in physical medicine and rehabilitation. Manuscripts should be limited to 2000 words of text (Introduction through Conclusions). The Editorial Board reserves the right to ensure that the author is qualified, through education and professional experience, to write knowledgeably and appropriately about a particular subject before accepting a Commentary for publication. The Editorial Board will choose the author(s) for Invited Commentaries and the author(s)' identity will be anonymous until publication. Authors of the subject article may submit a response for a subsequent issue.

Editorials: Editorials published in Archives may only be written by the elected officers of ACRM, or by members of the Editorial Board. Prior to publication, all editorials are approved by the Editorial Board's Executive Committee. Editorials do not represent the opinions or positions of ACRM or the Editorial Board. Editorials should be limited to 1000 words of text.

Information/Education: The ACRM Communications Committee has developed a new feature, Information/Education Pages, which appear in the Organization News section of Archives. These fact sheets are printed as tear-out pages. They are designed to provide consumer-friendly information on topics relevant to rehabilitation medicine, including basic background or overview, similar to a Wikipedia entry, or brief how-to suggestions. They are targeted toward people with disabilities, their caregivers, or clinicians; and are designed so that a practitioner can tear out and copy, or download the pages, to make them available to patients and caregivers.

Authors are invited to submit Information/Education Page manuscripts or proposals to the Archives' Editorial Office (ArchivesMail@archives.acrm.org). The ACRM Communications Committee will assess subject matter, content, and target reading level then provide feedback on suitability and instructions on how to proceed directly to the author. Note that this should not be considered an official peer review of the content. For more information go to http://www.acrm.org/publications/archives-of-pm-r/information-education-pages/.
**Letters to The Editor:** Letters are published at the discretion of the Editorial Board and should be directly related to the published article on which it comments. Letters may not reference unpublished studies or reference "in press" studies that are not publicly available. The Editorial Board reserves the right to solicit a response from the authors of the cited article. Letters must be limited to roughly 500 words of text, 1 table, and no more than 5 references.

**Measurement Tools:** These instrument summaries, which appear in the Organization News section of Archives, are designed to facilitate the selection of outcome measures by trained clinicians. The information contained in this summary represents a sample of the peer-reviewed research available at the time of the summary’s publication. The information contained in these summaries does not constitute an endorsement of the instrument for clinical practice. The views expressed are those of the summary authors and do not represent those of authors’ employers, instrument owner(s), the Archives, the Rehabilitation Measures Database or the United States Department of Health and Human Services. Authors are invited to submit proposals for new Measurement Tools to the Archives’ editorial office (ArchivesMail@archives.acrm.org) and the office will coordinate with the ACRM Measurement Networking Group for the Rehabilitation Measures Database to determine if the proposal is suitable for publication in the Archives. The Networking Group can assist authors with formatting their article to meet the Measurement Tools requirements.

**Review Articles (Meta-Analyses):** The Editorial Board welcomes state-of-the-art review articles. Manuscripts should be limited to 5000 words of text (Introduction through Conclusions), exclusive of references. The Archives strongly prefers systematic reviews of the literature.

**Special Communications:** Provide information or an objective analysis of issues in physical medicine and rehabilitation that does not qualify as a research or clinical paper or commentary. Manuscripts are peer reviewed and should be limited to 5000 words of text, exclusive of references.

**BEFORE YOU BEGIN**

**Ethics in Publishing**

**Authorship**
Manuscripts should have no more than 8 authors; a greater number requires written justification. The order of authorship is a joint decision of the coauthors. Archives follows the *Recommendations for the Conduct, Reporting, Editing, and Publication of Scholarly Work in Medical Journals* guidelines 1, which state authorship credit should be based only on substantial contributions to (1) conception and design, or acquisition of data, or analysis and interpretation of data, (2) drafting the article or revising it critically for important intellectual content, and (3) final approval of the version to be published. Conditions 1, 2, and 3 must all be met. Participation solely in the acquisition of data does not justify authorship, nor does general supervision of the research group. Archives may require authors to justify the assignment of authorship. Increasingly, multicenter trials are attributed to a corporate author. All members of the group who are named as authors, either in the authorship position below the title or in a footnote, must fully meet the criteria for authorship as defined above. Group members not meeting these criteria should be listed, with their permission, in the Acknowledgments. Acknowledgments to other investigators for advice or data must be documented by written authorization specifically granting permissions to the authors.

**Changes in authorship:** After a manuscript has been submitted, any addition, deletion, or change to the order of the authors must be submitted in writing 2 to the Editorial Office (ArchivesMail@archives.acrm.org). This written statement, explaining the change and listing the old and new author orders, must be submitted with all authors copied (including those who have been removed, if applicable). The corresponding author should instruct all copied authors to respond with their approval of the change in author order. Failure to respond or failure of all authors to agree to the change may lead to suspension of review/publication of the article.

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Archives requires that all authors fill out the ICMJE form. For both new submissions and revisions, the peer-review process will not begin until these documents are completed correctly and submitted as per the instructions below.

**Step 1:** Archives requires the author submitting the manuscript to complete and upload an ICMJE Form for Disclosure of Potential Conflicts of Interest. By this act, the author submitting the manuscript will serve as the guarantor for all coauthors in presenting accurate disclosures for the author group.
The guarantor is expected to consult with all coauthors about the disclosures he/she provides. Any disclosure (i.e. actual or perceived conflict of interest) must be described on the title page of the manuscript.

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**Device Status:** The submitting author must include in the title page to the manuscript any applicable Device Status Statement, as selected in the submission checklist. The statement does not affect the decision to publish a manuscript; that decision is made solely on the basis of the article's content and its value to the journal's readers. The selected statement may be published with the article.

**Redundant or Duplicate Publication**

*Archives*, as a primary source periodical, does not consider for publication material that already has been reported in a published article or is described in a paper submitted or accepted for publication elsewhere, in any print or electronic media. Abstracts (250-300 words) of preliminary research findings that are published in conference proceedings are not considered previous publications (except for submissions to the Brief Reports category). This policy does not usually preclude consideration of a manuscript that has been rejected by another journal or of a complete report that follows publication of a preliminary report, usually in the form of an abstract (250-300 words). Press reports on papers presented at a meeting will not usually be considered prior publication, but such reports should not be amplified by additional data or copies of tables and illustrations. Authors submitting manuscripts to *Archives* must include in their cover letter an explanation of any prior publication (published article, article in press, manuscript under review, published abstract) of the same or substantially similar work, and should explain any circumstances that might cause the Editorial Board to believe that the manuscript may have been published elsewhere (e.g. similar titles). Authors must state whether the paper includes subjects about whom a previous report has been published. Authors must include an electronic copy (upload as Related (un)published manuscripts and/or meeting abstracts) of any published article or an electronic copy of any submitted manuscript that deals in any respect whatsoever with the same patients, same animals, same laboratory experiment, or same data—in part or in full—as are being reported in the manuscript they submit to *Archives*.

**Duplicate Publication:** Duplicate publication is the publication of the same paper or substantially similar papers in any medium. Publication more than once of the same study results, whether or not the wording is the same, is rarely justified. Articles previously published in another language will not be considered for publication. The Editorial Board will take appropriate disciplinary action against authors who engage in duplicate publication of the same or substantially similar data. The Editorial Board reserves the right to consult with other journals about the content of the papers in question. Further, the Editorial Board (1) may return manuscripts prior to the review process, (2) may decide not consider any manuscripts from the author(s) for a period of time, (3) may announce publicly in *Archives* that the authors have submitted a previously published article, or (4) may refer the incident to COPE (The Committee on Publication Ethics) for discussion or advice, or (5) may take any combination of these actions. If the paper is accepted and published before evidence of duplication is discovered, the Editorial Board will announce the duplication in *Archives* and/or will request that the authors write a letter acknowledging the duplicate publication. The Editorial Board will notify appropriate institutions, ranging from national databases to the authors' departments or university administrators, at its discretion.
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Authors are encouraged to provide gender-specific data, when appropriate, in describing outcomes of epidemiologic analyses or clinical trials; or specifically state that there were no gender-based differences. For more information please consult the Institute of Medicine's report on "SEX-SPECIFIC REPORTING OF SCIENTIFIC RESEARCH", which can be accessed at 


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If relevant, a statement must be included in the body of the manuscript that human experimentation was approved by the local institutional review board or conforms to the Helsinki Declaration 3, as stated in the section Manuscript Preparation, Methods. Also that guidelines for the care/use of nonhuman animals or other species, approved by the institution, were followed as indicated in the Methods. The species must be named in the Title, Abstract, and Methods section.

**Conflict of Interest**
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During original submission, the corresponding author completes and uploads an ICMJE form. If a revised paper is submitted, all authors must complete the ICMJE form.

If any of the authors do have a conflict of interest, this should be clearly explained on the title page of the manuscript.

Please see the ICMJE author responsibilities regarding conflicts of interest (http://www.icmje.org/recommendations/browse/roles-and-responsibilities/author-responsibilities--conflicts-of-interest.html).

It is important to note that a conflict of interest can be actual or perceived.

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**Clinical trial**

While there may be occasional exceptions, the *Archives* is committed to the need for clinical trial reports to be accompanied by adequate periods of follow-up. A lack of sufficient follow-up may be detrimental to a paper's acceptance.

As of January 1, 2017 the *Archives* will **only** consider clinical trials that have been registered before the first patient is enrolled.

For our purposes, a clinical trial is defined as "any research study that prospectively assigns human participants or groups of humans to one or more health-related interventions to evaluate the effects on health outcomes" (http://www.who.int/ictrp/en). Thus, cohort and retrospective studies without an intervention do not require registration, and neither do observational studies of clinical care. However, studies of human subjects with prospective assignment of an intervention by the investigators, regardless of the size of the trial or method of assignment, must be registered.

**NEW - Reporting Guidelines and Checklists**

To ensure a high and consistent quality of research reporting, original research articles, including brief reports, must contain sufficient information to allow readers to understand how a study was designed and conducted. For review articles, systematic or narrative, readers should be informed of the rationale and details behind the literature search strategy.

To achieve this goal, *Archives* requires that authors upload a completed checklist for the appropriate reporting guideline during original submission. Taking the time to ensure your manuscript addresses basic reporting prerequisites will greatly improve your manuscript, and enhance the likelihood of publication. These checklists serve as a guide for the editors and reviewers as they evaluate your paper.

The EQUATOR Network (http://www.equator-network.org) is an excellent resource for key reporting guidelines, checklists, and flow diagrams. These guidelines should be especially useful for *Archives* authors.

Click on the checklist that applies to your manuscript, download it to your computer, fill it out electronically, "save as," and upload it with your manuscript when you submit. Links to mandatory flow diagrams also are provided. Below are the most commonly used checklists but please note that the Equator Network provides many others (e.g. TRIPOD, SRQR, etc.) and it is up to the authors to select the one most appropriate for their study.

Randomized Controlled Trials — CONSORT — Consolidated Standards of Reporting Trials
Observational Studies — STROBE — Strengthening the Reporting of Observational studies in Epidemiology
Systematic Review of Controlled Trials — PRISMA — Preferred Reporting Items for Systematic Reviews and Meta-Analyses
Study of Diagnostic accuracy/assessment scale — STARD — Standards for the Reporting of Diagnostic Accuracy Studies
For psychometric studies the editors recommend either the COSMIN or GRRAS guideline, though the final choice is up to the author.

During the submission process when you are prompted to state which checklist is needed please check the appropriate box for your manuscript or check Not Applicable if your paper is a Commentary, Letter to the Editor, etc. Then the system will allow you to select the file type and upload the appropriate checklist and flow diagram. **IT IS PERMISSIBLE TO ADD A COLUMN OR SPACE TO THE CHECKLIST THAT SPECIFIES WHERE IN THE MANUSCRIPT EACH COMPONENT HAS BEEN FOLLOWED AND USE THAT FOR YOUR UPLOAD. YOU MAY NEED TO DO THIS FOR STROBE AS WELL AS OTHERS. A MODIFIED STROBE FORM IS AVAILABLE HERE.**

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member of the Editorial Board, who may also critique the manuscript. The assigned Editorial Board Member will then make a final decision and communicate with the corresponding author via e-mail. Decisions are typically communicated within 60 days after the manuscript has been approved for peer review. All reviews are conducted in a double-blind fashion.

Letters to the Editors and Editorials are generally evaluated by an editorial committee, however, external reviews may also be sought.

Published annually without peer review are the ACRM | American Congress of Rehabilitation Medicine presidential address and the John Stanley Coulter Lecture. The Editorial Board does not peer review the published abstracts of posters, platform presentations of scientific papers, or audiovisual materials presented at the ACRM annual meeting. Archives also publishes the official documents of ACRM. These documents are not peer reviewed by Archives and include position papers and other materials approved by the ACRM.

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When submitting your revised manuscript, at the request of the Editorial Board, please include a document, separate from your cover letter, itemizing your response to each of the suggested revisions and any other changes you have made. Use consecutive line numbering in the text and cite line numbers for each change. In addition, highlight each change in the revised manuscript. You will upload this document in the file upload step as the "Detailed Response to Reviewers." Please note that this file should be blinded and should not include author names or institutional letterhead.

If revisions are not received within the time specified in the decision e-mail, the manuscript file will be closed. A revision received after a file has been closed will be handled as a new submission. An extension beyond the deadline may be granted at the Editorial Board's discretion, but only in extenuating circumstances, given the editors' commitment to prompt publication.

Submission of a revised manuscript includes submission of separate documents in the following order: (1) cover letter; (2) title page, including acknowledgments and explanation of any conflicts of interest; (3) main text file with highlighted changes, including an appropriate (structured or standard) abstract, keywords, list of abbreviations, body of the text, suppliers' list, references, figure legends; (4) a clean copy of the main text file with no highlighted changes, including an appropriate abstract, keywords, list of abbreviations, body of the text, suppliers' list, references, figure legends; (5) figures; (6) tables; (7) appendices; (8) supplementary files; (9) checklist; and (10) ICMJE Form for Disclosure of Potential Conflicts of Interest for each author.

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From time to time an author may receive a decision of "Reject-Resubmit" on their original submission. This is a reject but grants the author the opportunity to revise and resubmit their work under a new manuscript number at any time. The resubmission will be linked to the original submission but there will be no expectation of acceptance. The resubmission will be treated as new.

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Additional information
Unless author(s) notify the Editorial Office of alternate preferences, all accepted articles are posted online within 5 business days of release to production. Author(s) should notify the Editorial Office immediately with any requests to delay posting. This posted version will include a fully citable PDF of the author's accepted files, and will be submitted to PubMed. Supplementary material(s), such as raw data, videos, etc., will not be included. Supplementary materials will be included when the article is typeset and published on the Articles in Press platform or in the monthly print/online issue of the journal.
Manuscripts accepted for publication are subject to editing during the production process. Journal style is based on the current *AMA Manual of Style*. The manuscript will be typeset and the designated corresponding author will receive page proofs for approval. Proofs must be returned to Elsevier by the corresponding author within 48 hours of receipt, as outlined in the e-mail instructions accompanying the proofs.

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Authors may appeal final decisions to the Editor-in-Chief of *Archives*. This appeal must: (1) be submitted in writing, (2) rebut the negative decision, and (3) be submitted within 30 days after the decision is rendered. Consideration of the appeal will be based on the appeal letter and the version of the manuscript that was peer reviewed. The Editor-in-Chief will assign the appeal to an Editorial Board member for review. The decision from the appeal is final.

**PREPARATION**

**NEW- Submission checklist**

*Archives* requires the completion and upload of a checklist with each manuscript. Please follow the instructions on the checklist to ensure all required manuscript elements are included with your submission. Please note that this submission checklist is NOT the same as a reporting guideline checklist or form noted above. This is a separate item specific to the *Archives*.

THE SUBMISSION CHECKLIST CAN BE DOWNLOADED [HERE](#).

For any further information please visit our customer support site at [http://support.elsevier.com](http://support.elsevier.com).

Authors should prepare manuscripts according to the "Recommendations for the Conduct, Reporting, Editing, and Publication of Scholarly Work in Medical Journals" [1] as developed by the International Committee of Medical Journal Editors. The Requirements are available at [http://www.icmje.org](http://www.icmje.org).

**Document Formatting**

Manuscripts must be double-spaced throughout, including the title page, abstract, text, acknowledgments, references, individual tables, and legends. Use only standard 12-point type and spacing. Use unjustified, flush-left margins. Number the pages of the text consecutively. Put the page number in the upper or lower right-hand corner of each page. Number each line on each page of the text to facilitate peer review.

Authors should format manuscripts for specific attributes such as italics, superscripts/subscripts, and Greek letters. **The coding scheme for each such element must be consistent throughout the file.**

**Text Style:** Enter only 1 space between words and sentences. Leave 1 blank line between paragraphs. Leave 2 blank lines between headings and text.

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As part of the Your Paper Your Way service, at initial submission you may choose to submit your new manuscript as a single file to be used in the refereeing process. This can be a PDF file or a Word document, in any format or lay-out that can be used by referees to evaluate your manuscript. It should contain high enough quality figures for refereeing. If you prefer to do so, you may still provide all or some of the source files at the initial submission. Please note that individual figure files larger than 10 MB must be uploaded separately. **If your paper is accepted, you will be requested,**
at the revision stage, to put your paper in the correct format by supplying individual files for the manuscript, tables, figures, etc. and any other items required for the publication of your article. To find out more, please read the rest of the Preparation section.

**NEW SUBMISSIONS**

Submission to this journal proceeds totally online and you will be guided stepwise through the creation and uploading of your files. The system automatically converts your files to a single PDF file, which is used in the peer-review process.

**References**

There are no strict requirements on reference formatting at submission. References can be in any style or format as long as the style is consistent. Where applicable, author(s) name(s), journal title/book title, chapter title/article title, year of publication, volume number/book chapter and the pagination must be present. Use of DOI is highly encouraged. The reference style used by the journal will be applied to the accepted article by Elsevier at the proof stage. Note that missing data will be highlighted at proof stage for the author to correct.

**Formatting requirements**

There are no strict formatting requirements for articles at initial submission (for requirements for revised submissions, please see REVISED SUBMISSIONS section below) but all manuscripts must contain the essential elements needed to convey your manuscript, for example Abstract, Keywords, Introduction, Methods, Results, Conclusions, Artwork and Tables with Captions.

If your article includes any Videos and/or other Supplementary material, this should be included in your initial submission for peer review purposes.

Divide the article into clearly defined sections.

Please ensure the text of your paper is double-spaced — this is an essential peer review requirement.

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Archives uses a double-blind peer-review process. The blinded submission should be submitted in a word document and should begin with a **title** followed by the **abstract**, **keywords**, list of **abbreviations**, **body of the text**, **references**, **figure legends**, and any relevant **suppliers' list**.

The entire main body of text should be blinded as well including obvious references to institutions and names in the methods section, etc.

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**Use of word processing software**

Regardless of the file format of the original submission, at revision you must provide us with an editable file of the entire article. Keep the layout of the text as simple as possible. Most formatting codes will be removed and replaced on processing the article. The electronic text should be prepared in a way very similar to that of conventional manuscripts (see also the Guide to Publishing with Elsevier). See also the section on Electronic artwork.

To avoid unnecessary errors you are strongly advised to use the 'spell-check' and 'grammar-check' functions of your word processor.

**Subdivision**

Manuscript files should be structured as follows: (1) Title page, including Disclosure of interest and Acknowledgments, etc.; (2) Manuscript file including Abstract, Keywords, Abbreviations, Main text, References, Legends of figures and tables; (3) Table files; (4) Figure files; (5) Supplementary files; (6) ICMJE forms.

**Manuscript Headings**
Original Article level 1 headings are: Methods, Results, Discussion, and Conclusions. Articles should include the level 2 subsection heading Study Limitations at the end of the Discussion section. Longer articles may need other level 2 and/or level 3 subsection headings to clarify their content, especially the Results and Discussion sections.

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