DESCRIPTION

The Journal of Hand Therapy is designed for hand therapists, occupational and physical therapists, and other hand specialists involved in the rehabilitation of disabling hand problems. The Journal functions as a source of education and information by publishing scientific and clinical articles. Regular features include original reports, clinical reviews, case studies, editorials, and book reviews.

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GUIDE FOR AUTHORS

INTRODUCTION
Authors are invited to submit manuscripts for review, in English, relating to any aspect of rehabilitation of the upper extremity. The Journal of Hand Therapy is interested in the publication of research spanning the entire spectrum of clinical, basic, and translational science, including (but not limited to): clinical practice, theory and outcomes; biomechanics, motor behavior, neuroscience, or epidemiology. A clear indication of clinical relevance is essential for publication.

Manuscript categories for submission include: Clinical/Basic Research Studies, Case-Reports, Short Reports (Cross-cultural Translation, Literature Review (invited-only) Practice Forum and Letters to the Editor (published online only).

Inquiries for the Editor-in-Chief should be made to: Joy MacDermid, PT, PhD at editor.macdermid@gmail.com.

Submission checklist
You can use this list to carry out a final check of your submission before you send it to the journal for review. Please check the relevant section in this Guide for Authors for more details.

Ensure that the following items are present:

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All necessary files have been uploaded:
Manuscript: Include keywordsAll figures (include relevant captions)All tables (including titles, description, footnotes)Ensure all figure and table citations in the text match the files providedIndicate clearly if color should be used for any figures in printGraphical Abstracts / Highlights files (where applicable)
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Manuscript categories
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The purpose of the research should be listed as: Descriptive, clinical measurement, epidemiology, etiology, natural history, prognosis, diagnosis, effectiveness, harm, economics or implementation. Where these do not apply, authors may propose another term. Further details on reporting the study design are listed below. Use of reporting guidelines for these studies are also described below.

Case Report: A detailed description of the management of a unique clinical case(s), problem or implementation. For complete instruction on cases see below or Case-Reports.pdf.

Expert Review (by invitation only): A comprehensive and analytical review of the literature, addressing a topic of interest and relevance to hand therapists. The Editor-in-Chief or Guest Editor must invite manuscripts submitted in this category. Self-nominations for an invitation to submit a literature review may be sent via email be to the Editor-in-Chief, and should include a cover letter describing the unique contribution of the planned submission, and a current curriculum vitae. It is the intention that these be written by experts in the field with a substantial clinical and/or research track record that they can synthesize and apply to critical reasoning with respect to hand therapy practice or research.

Practice Forum: This section presents novel or timely ideas of clinical relevance. However, topics that are not original should represent a unique application of an existing idea and should be referenced and limited to less than 750 words. The idea should be supported by current best science and this should be referenced in the beginning of the submission. The Journal of Hand Therapy has a clinical audience and we will be asking authors to pay greater attention to knowledge translation. Make
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Letters to the Editor: All letters and/or relevant comments regarding the content of the Journal of Hand Therapy must be submitted like all new manuscripts via the online submission and review website described below. Publications of any letters are at the discretion of the Editor-in-Chief and will appear online. Authors will be invited to respond. Authors are limited to 2 letters/year.

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General principles
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Title and abstract
If only one sex is included in the study, or if the results of the study are to be applied to only one sex or gender, the title and the abstract should specify the sex of animals or any cells, tissues and other material derived from these and the sex and gender of human participants.

Introduction
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Authors should report how sex and gender were considered in the design of the study, whether they ensured adequate representation of males and females, and justify the reasons for any exclusion of males or females.

Results
Where appropriate, data should be routinely presented disaggregated by sex and gender. Sex- and gender-based analyses should be reported regardless of positive or negative outcome. In clinical trials, data on withdrawals and dropouts should also be reported disaggregated by sex.

Discussion
The potential
implications of sex and gender on the study results and analyses should be discussed. If a sex and gender analysis was not conducted, the rationale should be given. Authors should further discuss the implications of the lack of such analysis on the interpretation of the results.

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Article structure
Manuscript and Abstract
All Scientific/Clinical Research Report, Case Report and invited Literature Review manuscripts should include the abstract (300-word limit), main text, references, and figure legends. All authors should consult the uniform requirements for manuscripts submitted to biomedical journals: “Writing and Editing for Biomedical Publication” (www.icmje.org). Due to the double-blind review process the manuscript should not carry any author, facility, or institution identifiers.

Please be sure that the abstract includes terms that describe the type of research question and study design. Both the manuscript and abstract of Scientific/Clinical Research Report and Case Reports should be structured as follows:
- Study Design
- Introduction
- Purpose of the Study
- Methods
- Results
- Discussion
- Conclusions
- Key words
Use of reporting guidelines

Authors should consult and use the reporting guidelines if there is one relevant to their study design. **Where possible authors should use reporting checklists to insure their manuscript contains all the elements expected in a scientific manuscript.** Please see the Equator website for information on reporting guidelines.

Authors must submit the relevant reporting guideline checklist when submitting the initial version of the study for consideration for the specific study types list below. Authors are encouraged to submit reporting guideline checklists for other study designs from those available on the Equator website.

Systematic reviews (with or without meta-analysis) should consult the PRISMA statement, include the checklist with their initial submission and include the flow diagram as a figure in their manuscript. If the review has been registered in a database such as PROSPERO, this number should be included in the study design section of the abstract and methods section. Registration of systematic reviews is not required.

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For observational studies (cohort, case-control, cross-sectional studies), authors should use the STROBE statement and submit a completed STROBE checklist with their submission.

Diagnostic test studies should use the STARD statement, checklist, and flow diagram.

Surveys should use CHERRIES as a guide to reporting.

Many other reporting guidelines and author resources are available on the Equator website.

There are two studies designs where JHT has journal specific reporting guidelines: Case Studies and Short Reports of Cross-cultural Translations. For cross-cultural translations, authors should follow our Template for Short Report for Cross Cultural Translation Studies. Case studies should consult the CARE website and use the CARE reporting guideline.

Statement of research design

Authors should specific terminology when naming their study design in the abstract and methods. Some common study designs are listed below and should be used where applicable. We recognize that this list is not all-inclusive and that more appropriate descriptors might be suitable for some studies. Authors are encouraged to pick the most appropriate study design descriptors for their study. These suggestions are merely provided as a means of encouraging consistency, where it would be both useful and informative. The purpose of the research and the study design should be listed.**Literature Synthesis:** formal structured literature synthesis studies can be described in terms of the specific type: Systemic Review, Scoping Reviews, Reviews of Reviews (Overviews or Umbrella Reviews), Meta-analyses and others.**Primary Clinical Studies** can include a variety of designs to address research questions. The purpose of the research can be listed as: Descriptive, clinical measurement, epidemiology, etiology, natural history, prognosis, diagnosis, effectiveness, harm, economics or implementation.

Examples of study design include:**Randomized Clinical/Controlled Trial:** Patients are enrolled at a relevant baseline and allocated to different intervention arms based on a random concealed process; outcomes are ascertained prospectively. Where specific variants were used please state the subtype-such as Cross-over, Factorial, Equivalence, Non-inferiority, Expertise-based etc.**Prospective Cohort:** a longitudinal study where subgroups of patients are enrolled and research questions defined at a relevant baseline point (prior to when outcomes occur); patients are followed forward in time for outcomes ascertainment. For treatment studies, at least 2 groups are defined at baseline; in prognostic studies, potential predictors are collected at baseline.**Retrospective Cohort:** a longitudinal study where subgroups of patients are involved in a prospective data collection but the research
questions (and variables) were defined retrospectively; treatment groups or prognostic factors may have been defined after data collections was initiated e.g. database research. Case-Control: a longitudinal study where subgroups of patients are identified/enrolled after outcomes have been ascertained and data are collected retrospectively (recall or pre-existing data) on the treatment or prognostic factors of interest. Cross-sectional: Study data are collected at a single time point. N-of-1: A single patient is enrolled at a relevant baseline and allocated to cross-over different intervention arms based on a random concealed process; outcomes are ascertained prospectively. Case Series: Data are collected on a single subgroup of patients (no comparison group). This can be cross-sectional or longitudinal. Case Report: Data are collected on a single subject. Repeated Case Study: a formal comparison of 2-5 cases, extending beyond summary data.

Qualitative Study Designs Meta-syntheses: a synthesis of the better quality qualitative studies. Grounded Theory: research that seeks to understand and identify theoretical processes; themes used to develop an understanding and theoretical explanation. Case Study: an in-depth study of an individual lived experience and perspective. Descriptive: Studies that may use qualitative and quantitative method to describe a phenomenon- without intention to develop theory or meaning. Ethnography: the description of the customs of groups or cultures. Interpretive Description: inductive analytic studies designed to understand clinical phenomena with a view to applications.

Mixed-Methods Designs include both quantitative and qualitative components that seek to address a common or complementary research questions. The components can be conducted concurrently or sequentially to expand, explain or triangulate findings of the other component. The author can explain the approaches using any of the design taxonomies described for mixed methods.

A summary of the questions and design is illustrated in the figure.

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The headings of the abstract must include the following:
**Background**: One to 2 sentences that cite they key background or rationale the supports the need for the current study.

**Purpose**: A specific purpose for the research which clearly states what research question(s) are being answered. For example, for clinical studies the purpose should indicate what patients, interventions comparisons, and outcome measures are being examined.

**Study Design**: Using the information above the type of research, and research design should be stated. Where possible use the terminology above. For example, a clinical measurement, cross-sectional study or a qualitative, interpretive description study.

**Methods**: The key methods including sample, interventions, measures and statistical analyses should be described.

**Results**: The key findings must be presented. For quantitative studies, the value that indicate the size of the observed effects, not just the p-values. For all studies, the most salient data should be succinctly presented.

**Conclusions**: The key conclusion, answer to the research question should be succinctly summarized. Where a direct implication to practice can be made, it should be stated.

An abstract is often presented separately from the article, so it must be able to stand alone and represent the work in isolation. For this reason, references and non-standard or uncommon abbreviations should be avoided.

**Ancillary Information**

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**Electronic artwork**

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- Provide captions to illustrations separately.
- Size the illustrations close to the desired dimensions of the published version.
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