DESCRIPTION

_Contraception_ has an open access mirror journal _Contraception: X_, sharing the same aims and scope, editorial team, submission system and rigorous peer review.

The journal _Contraception_ wishes to advance reproductive health through the rapid publication of the best and most interesting new scholarship regarding contraception and related fields such as abortion. The journal welcomes manuscripts from investigators working in the laboratory, clinical and social sciences, as well as public health and health professions education.

_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

AUDIENCE

Obstetricians, Gynecologists, Researchers in Biochemistry, Chemistry, Physiology, Endocrinology, Biology

IMPACT FACTOR

2018: 2.928 © Clarivate Analytics Journal Citation Reports 2019
ABSTRACTING AND INDEXING

Current Contents
Bibliography of Reproduction
BIOSIS Citation Index
Chemical Abstracts
Elsevier BIOBASE
Embase
PubMed/Medline
International Pharmaceutical Abstracts
Derwent Drug File
Population Index
Core Journals in Obstetrics and Gynecology
Scopus

EDITORIAL BOARD

Editor
Carolyn Westhoff, Columbia University Mailman School of Public Health, New York, New York, United States

Managing Editor
Taylor Bowen

Deputy Editors
Mitchell Creinin, University of California, Sacramento, CA, United States
Angela M. Foster, University of Ottawa, Ottawa, Ontario, Canada
Jeffrey T. Jensen, Oregon Health & Science University, Portland, OR, United States
Eleanor Bimla Schwarz, University of California, Oakland, CA, United States

Media Editor
Jennifer Conti, Stanford University, Stanford, CA, United States
Jennefer Russo, Planned Parenthood of Orange & San Bernardino Counties Inc, San Bernardino, California, United States

Founding Editor
Daniel R. Mishell Jr.

Editorial Board
Sharon L. Achilles, University of Pittsburgh, Pittsburgh, PA, United States
David F. Archer, CONRAD Clinical Research Center, Norfolk, VA, United States
Bhagv R. Bhavnani, University of Toronto, St. Michael’s Hospital, Bristol, United Kingdom
Diana L. Blithe, National Institute of Child Health and Human Development, Bethesda, Maryland, United States
Paul Blumenthal, Stanford University, Stanford, CA, United States
Kelly Cleland, Princeton University, Princeton, New Jersey, United States
Blair G. Darney, Oregon Health & Science University, Portland, OR, USA and Instituto Nacional de Salud Pública (INSP)

Laneta Dorflinger, FHI 360, Durham, North Carolina, United States
Alison Edelman, Oregon Health & Science University, Portland, OR, United States
Kristine Gemzell-Danielsson, Karolinska Institutet, Stockholm, Sweden
Melissa Gilliam, University of Chicago, Chicago, IL, United States
Anna Glasier, University of Edinburgh, Edinburgh, United Kingdom
Marji Gold, Yeshiva University Albert Einstein College of Medicine, New York, NY, USA
Daniel A. Grossman, Ibis Reproductive Health, San Francisco, CA, United States
Kelli Stidham Hall, Emory University School of Public Health, Atlanta, Georgia, United States
Lisa H. Harris, University of Michigan Institute for Healthcare Policy & Innovation, Ann Arbor, MI, United States
Jillian T. Henderson, Kaiser Permanente Center for Health Research, Oakland, OR, United States
David Hubacher, FHI 360, Durham, NC, United States
Heidi E. Jones, CUNY School of Public Health, New York, NY, United States
Nathalie Kapp, IPAS, Chapel Hill, NC, United States
Andrew Kaunitz, University of Florida College of Medicine-Jacksonville, Jacksonville, FL, United States
Chelsea Morrone, University of Cape Town, Cape Town, South Africa
Anita L. Nelson, David Geffen School of Medicine, University of California, Los Angeles, CA, United States
Maureen Paul, Harvard University, Boston, Massachusetts, United States
Elizabeth G. Raymond, Gynuity Health Projects, New York, NY, United States
Robert Rebar, Western Michigan University Homer Stryker MD School of Medicine, Hickory Corners, MI, United States
Carolina Sales Vieira, University of Sao Paulo, SAO PAULO, Brazil
Courtney A. Schreiber, University of Pennsylvania School of Medicine, Philadelphia, PA, United States
Frank Z. Stanczyk, University of Southern California, Los Angeles, CA, United States
Julia R. Steinberg, University of Maryland College Park, College Park, MD, United States
Diana L. Taylor, University of California San Francisco, San Francisco, California, United States
Stephanie B. Teal, University of Colorado, Aurora, CO, United States
David K. Turok, University of Utah, Salt Lake City, UT, United States
Christina Wang, David Geffen School of Medicine at UCLA, Los Angeles, CA, United States
GUIDE FOR AUTHORS

**Editorial Policies**
The journal *Contraception* wishes to advance reproductive health through the rapid publication of the best and most interesting new scholarship regarding contraception and related fields such as abortion. The journal welcomes manuscripts from investigators working in the laboratory, clinical and social sciences, as well as public health and health professions education.

**Introduction**
Contraception has an open access mirror journal, Contraception: X.

**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:**

One author has been designated as the corresponding author with contact details:
- E-mail address
- Full postal address

All necessary files have been uploaded:
*Manuscript:*
- Include keywords
- All figures (include relevant captions)
- All tables (including titles, description, footnotes)
- Ensure all figure and table citations in the text match the files provided
- Indicate clearly if color should be used for any figures in print

*Graphical Abstracts / Highlights files* (where applicable)

*Supplemental files* (where applicable)

**Further considerations**
- Manuscript has been 'spell checked' and 'grammar checked'
- All references mentioned in the Reference List are cited in the text, and vice versa
- Permission has been obtained for use of copyrighted material from other sources (including the Internet)
- A competing interests statement is provided, even if the authors have no competing interests to declare
- Journal policies detailed in this guide have been reviewed
- Referee suggestions and contact details provided, based on journal requirements

For further information, visit our Support Center.

**BEFORE YOU BEGIN**

**Ethics in publishing**
Please see our information pages on Ethics in publishing and Ethical guidelines for journal publication.

**IRB Approval**
Manuscripts describing research involving human subjects or animal experimentation must have Institutional Review Board (IRB) or institutional animal care and use committee (IACUC) approval prior to review by the journal. Please note the approval in the cover letter and in the Methods section of the paper. IRB or IACUC documentation should be available upon request. Reports of experiments on animals must state in the Methods section of the manuscript that the guidelines for the care and use of the animals as approved by the local, and where relevant national, institution were followed. The species of nonhuman animals must be named in the title, abstract, and key words of the manuscript.

**Declaration of interest**
All authors must disclose any financial and personal relationships with other people or organizations that could inappropriately influence (bias) their work. Examples of potential competing interests include employment, consultancies, stock ownership, honoraria, paid expert testimony, patent applications/registrations, and grants or other funding. Authors must disclose any interests in two places: 1. A summary declaration of interest statement in the title page file (if double-blind) or the
manuscript file (if single-blind). If there are no interests to declare then please state this: 'Declarations of interest: none'. This summary statement will be ultimately published if the article is accepted.

2. Detailed disclosures as part of a separate Declaration of Interest form, which forms part of the journal's official records. It is important for potential interests to be declared in both places and that the information matches. More information.

**Submission declaration and verification**
Submission of an article implies that the work described has not been published previously (except in the form of an abstract, a published lecture or academic thesis, see 'Multiple, redundant or concurrent publication' for more information), that it is not under consideration for publication elsewhere, that its publication is approved by all authors and tacitly or explicitly by the responsible authorities where the work was carried out, and that, if accepted, it will not be published elsewhere in the same form, in English or in any other language, including electronically without the written consent of the copyright-holder. To verify originality, your article may be checked by the originality detection service Crossref Similarity Check.

**Preprints**
Please note that preprints can be shared anywhere at any time, in line with Elsevier’s sharing policy. Sharing your preprints e.g. on a preprint server will not count as prior publication (see 'Multiple, redundant or concurrent publication' for more information).

**Use of inclusive language**
Inclusive language acknowledges diversity, conveys respect to all people, is sensitive to differences, and promotes equal opportunities. Articles should make no assumptions about the beliefs or commitments of any reader, should contain nothing which might imply that one individual is superior to another on the grounds of race, sex, culture or any other characteristic, and should use inclusive language throughout. Authors should ensure that writing is free from bias, for instance by using 'he or she', 'his/her' instead of 'he' or 'his', and by making use of job titles that are free of stereotyping (e.g. ‘chairperson’ instead of ‘chairman’ and ‘flight attendant’ instead of ‘stewardess’).

**Changes to authorship**
Authors are expected to consider carefully the list and order of authors **before** submitting their manuscript and provide the definitive list of authors at the time of the original submission. Any addition, deletion or rearrangement of author names in the authorship list should be made only **before** the manuscript has been accepted and only if approved by the journal Editor. To request such a change, the Editor must receive the following from the **corresponding author**:

- (a) the reason for the change in author list and
- (b) written confirmation (e-mail, letter) from all authors that they agree with the addition, removal or rearrangement. In the case of addition or removal of authors, this includes confirmation from the author being added or removed.

Only in exceptional circumstances will the Editor consider the addition, deletion or rearrangement of authors **after** the manuscript has been accepted. While the Editor considers the request, publication of the manuscript will be suspended. If the manuscript has already been published in an online issue, any requests approved by the Editor will result in a corrigendum.

**Clinical Trial Registration**
All clinical trials submitted for publication must show proof of clinical trial registration in keeping with policies adopted by the International Committee of Medical Journal Editors (ICMJE). Studies that prospectively assign human participants or groups of humans to one or more health related interventions to evaluate the effects on health outcomes must be registered before patient enrollment.

“Health related interventions” include any intervention used to modify a biomedical or health related outcome (for example drugs, surgical procedures, devices, behavioral treatments, dietary interventions, and process of care changes) and also include any biomedical or health-related measures obtained in patients or participants, including pharmacokinetic measures and adverse events.

In addition, the FDA now requires by law that all clinical trials of drugs, biologics, and devices, whether investigational or already approved, must be registered. For more information and to register a trial, see [http://www.icmje.org/faq_clinical.html](http://www.icmje.org/faq_clinical.html).
Include your clinical trial registration number on the title page of the manuscript. Clinical trials that are not registered according to ICMJE guidelines and in an approved database will be returned to the authors.

If a submission is a secondary analysis of a clinical trial, you must reference the primary publication(s) in your manuscript.

**Primary Registries in the WHO Registry Network:**


**ICMJE Accepted Registries:**

http://www.anzctr.org.au
http://www.clinicaltrials.gov
http://www.ISRCTN.org
http://www.umin.ac.jp/ctr/index/htm
http://www.trialregister.nl

**Copyright**

Upon acceptance of an article, authors will be asked to complete a 'Journal Publishing Agreement' (see more information on this). An e-mail will be sent to the corresponding author confirming receipt of the manuscript together with a 'Journal Publishing Agreement' form or a link to the online version of this agreement.

Subscribers may reproduce tables of contents or prepare lists of articles including abstracts for internal circulation within their institutions. Permission of the Publisher is required for resale or distribution outside the institution and for all other derivative works, including compilations and translations. If excerpts from other copyrighted works are included, the author(s) must obtain written permission from the copyright owners and credit the source(s) in the article. Elsevier has preprinted forms for use by authors in these cases.

*Elsevier supports responsible sharing*

Find out how you can share your research published in Elsevier journals.

**Role of the funding source**

You are requested to identify who provided financial support for the conduct of the research and/or preparation of the article and to briefly describe the role of the sponsor(s), if any, in study design; in the collection, analysis and interpretation of data; in the writing of the report; and in the decision to submit the article for publication. If the funding source(s) had no such involvement then this should be stated.

**Open Access**

Authors wishing to publish open access can choose to publish open access in *Contraception: X*, the open access mirror journal of *Contraception*. One, unified editorial team manages the peer-review for both titles using the same submission system. The difference between the journals is the access model under which the journals will publish your work and the indexation status. *Contraception: X* will be indexed in Scopus if the parent is also indexed there; if the parent is indexed in MEDLINE, then *Contraception: X* will also be eligible for fast inclusion in PubMed Central. However, please note that *Contraception: X* will not have a CiteScore or Impact Factor initially. Applications for inclusion in Science Citation Index / Social Sciences Citation Index and any other relevant citation indexing databases will be made as soon as possible.

The authors choice of publishing model will determine in which journal, *Contraception* or *Contraception: X*, the accepted manuscript will be published. The choice of publishing model will be blinded to referees, ensuring the editorial process is identical.

**Green open access**

Authors can share their research in a variety of different ways and Elsevier has a number of green open access options available. We recommend authors see our open access page for further information. Authors can also self-archive their manuscripts immediately and enable public access from their institution's repository after an embargo period. This is the version that has been accepted for publication and which typically includes author-incorporated changes suggested during submission, peer review and in editor-author communications. Embargo period: For subscription articles, an appropriate amount of time is needed for journals to deliver value to subscribing customers before an article becomes freely available to the public. This is the embargo period and it begins from the date the article is formally published online in its final and fully citable form. Find out more.
This journal has an embargo period of 12 months.

**Language (usage and editing services)**
Please write your text in good English (American or British usage is accepted, but not a mixture of these). Authors who feel their English language manuscript may require editing to eliminate possible grammatical or spelling errors and to conform to correct scientific English may wish to use the English Language Editing service available from Elsevier's WebShop.

**Submission**
Our online submission system guides you stepwise through the process of entering your article details and uploading your files. The system converts your article files to a single PDF file used in the peer-review process. Editable files (e.g., Word, LaTeX) are required to typeset your article for final publication. All correspondence, including notification of the Editor's decision and requests for revision, is sent by e-mail.

**Submit your article**
Please submit your article via [https://ees.elsevier.com/contraception](https://ees.elsevier.com/contraception).

**Article types**

**Original Research Article** -
Original Research Articles should not exceed 2500 words of text (not including the title, title page, abstract, acknowledgements, references, tables and figures).

A structured abstract of 250 words or less is required, to appear after the title page, with the following headings: Objective(s), Study Design, Results, and Conclusion(s). The Objective(s) should put the study in context with the current literature (i.e., what is new) and reflect the purpose of the study. The Study Design should include the methodology, the setting, the subjects (number and type), the treatment or intervention, principal outcomes measured, and the type of statistical analysis. The Results section should include the outcome of the study. The Conclusion(s) should state the importance of the results.

After the Abstract and before the text, a short, 50-words or less **Implications** statement is required for Original Research submissions. The Implications statement should briefly summarize the unique contribution of the paper, written for understanding by clinicians.

A maximum of 35 references and 7 figures or tables will be allowed for Original Research Articles.

**Brief Research Article** -
Brief Research Articles are scientific reports of original research that represent preliminary findings, small samples and newly described associations in unique populations. Briefs are limited to 1000 words, with a structured abstract of 100 words or less. A combined total of 2 figures and/or tables, and a maximum of 10 references will be accepted.

**Review Article** -
Reviews are generally by invitation. Prospective authors who wish to suggest a Review that they would like to write may send a one-page proposal to the Managing Editor at contraceptionjournal@gmail.com.

Reviews should include main text up to 5000 words, a structured or unstructured summary of 250 words, and up to 8 moderate-sized tables/figures and 90 references. Systematic reviews are preferred.

**Letter to the Editor** -
Letters to the Editor are openly solicited. The Journal supports Letters as a forum to convey comments and opinions regarding recently published articles. Original material such as preliminary data may also be published at the discretion of the Editor.

Letters to the Editor should not exceed 500 words, with a maximum of 5 references. Provide a unique title for the Letter on the title page with complete contact information for the author(s).

**Case Reports** -
Only Case Reports that are highly original, have significant implications for clinical practice, and/or provide information that will lead to important future research are considered for publication. Case Reports are generally published on the Journal website only.

Case Reports are limited to 5 authors and 700 words of main text (not counting the title page, abstract, references, tables, legends, and figures). Authors should include: an unstructured (1 paragraph, no categories) abstract of no more than 50 words; 3 to 5 alphabetized key words or short phrases for indexing; a brief introduction; 1 or more case descriptions, labeled either Case Report (if the article discusses only 1 case) or Case 1, Case 2, etc.; and a section headed Comment. Case Series will generally be included in this category.

Written permission from the patient(s) on whom the report is based is required. Authors must attest to having obtained written consent both in the manuscript and in the submitted cover letter. Documentation must be supplied to the editors upon request.

Commentaries, Guidelines, and Editorials may be invited by the Editor and by Association of Reproductive Health Professionals (ARHP) and Society of Family Planning (SFP). Prospective authors can contact the Journal.

Referees
Please submit the names and institutional e-mail addresses of several potential referees. For more details, visit our Support site. Note that the editor retains the sole right to decide whether or not the suggested reviewers are used.

PREPARATION

Peer review
This journal operates a single blind review process. All contributions will be initially assessed by the editor for suitability for the journal. Papers deemed suitable are then typically sent to a minimum of one independent expert reviewer to assess the scientific quality of the paper. The Editor is responsible for the final decision regarding acceptance or rejection of articles. The Editor's decision is final. More information on types of peer review.

Use of word processing software
It is important that the file be saved in the native format of the word processor used. The text should be in single-column format. The article should have 1.5 or double spacing, continuous line numbering starting with the title page, and page numbers. Keep the layout of the text as simple as possible. Most formatting codes will be removed and replaced on processing the article. In particular, do not use the word processor's options to justify text or to hyphenate words. However, do use bold face, italics, subscripts, superscripts etc. When preparing tables, if you are using a table grid, use only one grid for each individual table and not a grid for each row. If no grid is used, use tabs, not spaces, to align columns. The electronic text should be prepared in a way very similar to that of conventional manuscripts (see also the Guide to Publishing with Elsevier: https://www.elsevier.com/guidepublication). Note that source files of figures, tables and text graphics will be required whether or not you embed your figures in the text. 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.

Article structure
Subdivision - numbered sections
Divide your article into clearly defined and numbered sections. Subsections should be numbered 1.1 (then 1.1.1, 1.1.2, ...), 1.2, etc. (the abstract is not included in section numbering). Use this numbering also for internal cross-referencing: do not just refer to 'the text'. Any subsection may be given a brief heading. Each heading should appear on its own separate line.

Introduction
State the objectives of the work and provide an adequate background, avoiding a detailed literature survey or a summary of the results.
Material and methods
Provide sufficient details to allow the work to be reproduced by an independent researcher. Methods that are already published should be summarized, and indicated by a reference. If quoting directly from a previously published method, use quotation marks and also cite the source. Any modifications to existing methods should also be described.

Results
Results should be clear and concise.

Discussion
This should explore the significance of the results of the work, not repeat them. A combined Results and Discussion section is often appropriate. Avoid extensive citations and discussion of published literature.

Appendices
If there is more than one appendix, they should be identified as A, B, etc. Formulae and equations in appendices should be given separate numbering: Eq. (A.1), Eq. (A.2), etc.; in a subsequent appendix, Eq. (B.1) and so on. Similarly for tables and figures: Table A.1; Fig. A.1, etc.

Essential title page information
• Title. Concise and informative. Titles are often used in information-retrieval systems. Avoid abbreviations and formulae where possible.
• Author names and affiliations. Please clearly indicate the given name(s) and family name(s) of each author and check that all names are accurately spelled. Present the authors' affiliation addresses (where the actual work was done) below the names. Indicate all affiliations with a lower-case superscript letter immediately after the author's name and in front of the appropriate address. Provide the full postal address of each affiliation, including the country name and, if available, the e-mail address of each author.
• Corresponding author. Clearly indicate who will handle correspondence at all stages of refereeing and publication, also post-publication. Ensure that the e-mail address is given and that contact details are kept up to date by the corresponding author.
• Present/permanent address. If an author has moved since the work described in the article was done, or was visiting at the time, a 'Present address' (or 'Permanent address') may be indicated as a footnote to that author's name. The address at which the author actually did the work must be retained as the main, affiliation address. Superscript Arabic numerals are used for such footnotes.
• Word counts. Please display on the title page the word counts of the abstract and manuscript text.

Structured abstract
A structured abstract, by means of appropriate headings, should provide the context or background for the research and should state its purpose, basic procedures (selection of study subjects or laboratory animals, observational and analytical methods), main findings (giving specific effect sizes and their statistical significance, if possible), and principal conclusions. It should emphasize new and important aspects of the study or observations.

Keywords
Immediately after the abstract, provide a maximum of 6 keywords, using American spelling and avoiding general and plural terms and multiple concepts (avoid, for example, 'and', 'of'). Be sparing with abbreviations: only abbreviations firmly established in the field may be eligible. These keywords will be used for indexing purposes.

Abbreviations
Define abbreviations at their first occurrence in the article: in the abstract and also in the main text after it. Ensure consistency of abbreviations throughout the article.

Acknowledgements
Collate acknowledgements in a separate section at the end of the article before the references and do not, therefore, include them on the title page, as a footnote to the title or otherwise. List here those individuals who provided help during the research (e.g., providing language help, writing assistance or proof reading the article, etc.).

Formatting of funding sources
List funding sources in this standard way to facilitate compliance to funder's requirements:
Funding: This work was supported by the National Institutes of Health [grant numbers xxxx, yyyy]; the Bill & Melinda Gates Foundation, Seattle, WA [grant number zzzz]; and the United States Institutes of Peace [grant number aaaa].

It is not necessary to include detailed descriptions on the program or type of grants and awards. When funding is from a block grant or other resources available to a university, college, or other research institution, submit the name of the institute or organization that provided the funding.

If no funding has been provided for the research, please include the following sentence:

This research did not receive any specific grant from funding agencies in the public, commercial, or not-for-profit sectors.

Units
Follow internationally accepted rules and conventions: use the international system of units (SI). If other units are mentioned, please give their equivalent in SI.

Footnotes
Footnotes should be used sparingly. Number them consecutively throughout the article. Many word processors can build footnotes into the text, and this feature may be used. Otherwise, please indicate the position of footnotes in the text and list the footnotes themselves separately at the end of the article. Do not include footnotes in the Reference list.

Artwork
Color artwork
Please make sure that artwork files are in an acceptable format (TIFF (or JPEG), EPS (or PDF), or MS Office files) and with the correct resolution. If, together with your accepted article, you submit usable color figures then Elsevier will ensure, at no additional charge, that these figures will appear in color online (e.g., ScienceDirect and other sites) regardless of whether or not these illustrations are reproduced in color in the printed version. For color reproduction in print, you will receive information regarding the costs from Elsevier after receipt of your accepted article. Please indicate your preference for color: in print or online only. Further information on the preparation of electronic artwork.

Figure captions
Ensure that each illustration has a caption. Supply captions separately, not attached to the figure. A caption should comprise a brief title (not on the figure itself) and a description of the illustration. Keep text in the illustrations themselves to a minimum but explain all symbols and abbreviations used.

Tables
Please submit tables as editable text and not as images. Tables can be placed either next to the relevant text in the article, or on separate page(s) at the end. Number tables consecutively in accordance with their appearance in the text and place any table notes below the table body. Be sparing in the use of tables and ensure that the data presented in them do not duplicate results described elsewhere in the article. Please avoid using vertical rules and shading in table cells.

References
Citation in text
Please ensure that every reference cited in the text is also present in the reference list (and vice versa). Any references cited in the abstract must be given in full. Unpublished results and personal communications are not recommended in the reference list, but may be mentioned in the text. If these references are included in the reference list they should follow the standard reference style of the journal and should include a substitution of the publication date with either ‘Unpublished results’ or ‘Personal communication’. Citation of a reference as 'in press' implies that the item has been accepted for publication.

Reference links
Increased discoverability of research and high quality peer review are ensured by online links to the sources cited. In order to allow us to create links to abstracting and indexing services, such as Scopus, CrossRef and PubMed, please ensure that data provided in the references are correct. Please note that incorrect surnames, journal/book titles, publication year and pagination may prevent link creation. When copying references, please be careful as they may already contain errors. Use of the DOI is highly encouraged.
A DOI is guaranteed never to change, so you can use it as a permanent link to any electronic article. An example of a citation using DOI for an article not yet in an issue is: VanDecar J.C., Russo R.M., James D.E., Ambhe W.B., Franke M. (2003). Aseismic continuation of the Lesser Antilles slab beneath northeastern Venezuela. Journal of Geophysical Research, https://doi.org/10.1029/2001JB000884. Please note the format of such citations should be in the same style as all other references in the paper.

Web references
As a minimum, the full URL should be given and the date when the reference was last accessed. Any further information, if known (DOI, author names, dates, reference to a source publication, etc.), should also be given. Web references can be listed separately (e.g., after the reference list) under a different heading if desired, or can be included in the reference list.

Data references
This journal encourages you to cite underlying or relevant datasets in your manuscript by citing them in your text and including a data reference in your Reference List. Data references should include the following elements: author name(s), dataset title, data repository, version (where available), year, and global persistent identifier. Add [dataset] immediately before the reference so we can properly identify it as a data reference. The [dataset] identifier will not appear in your published article.

Reference management software
Most Elsevier journals have their reference template available in many of the most popular reference management software products. These include all products that support Citation Style Language styles, such as Mendeley. Using citation plug-ins from these products, authors only need to select the appropriate journal template when preparing their article, after which citations and bibliographies will be automatically formatted in the journal's style. If no template is yet available for this journal, please follow the format of the sample references and citations as shown in this Guide. If you use reference management software, please ensure that you remove all field codes before submitting the electronic manuscript. More information on how to remove field codes from different reference management software.

Users of Mendeley Desktop can easily install the reference style for this journal by clicking the following link:
http://open.mendeley.com/use-citation-style/contraception
When preparing your manuscript, you will then be able to select this style using the Mendeley plug-ins for Microsoft Word or LibreOffice.

Reference style
Text: Indicate references by number(s) in square brackets in line with the text. The actual authors can be referred to, but the reference number(s) must always be given.
List: Number the references (numbers in square brackets) in the list in the order in which they appear in the text.
Examples:
Reference to a journal publication:
Reference to a journal publication with an article number:
Reference to a book:
Reference to a chapter in an edited book:

Reference to a website:

Reference to a dataset:

Note shortened form for last page number. e.g., 51–9, and that for more than 6 authors the first 6 should be listed followed by 'et al.' For further details you are referred to 'Uniform Requirements for Manuscripts submitted to Biomedical Journals' (J Am Med Assoc 1997;277:927–34) (see also Samples of Formatted References).

Electronic artwork

General points
- Make sure you use uniform lettering and sizing of your original artwork.
- Embed the used fonts if the application provides that option.
- Aim to use the following fonts in your illustrations: Arial, Courier, Times New Roman, Symbol, or use fonts that look similar.
- Number the illustrations according to their sequence in the text.
- Use a logical naming convention for your artwork files.
- Provide captions to illustrations separately.
- Size the illustrations close to the desired dimensions of the printed version.
- Submit each illustration as a separate file.
- The article should have 1.5 or double spacing and continuous line numbering.

A detailed guide on electronic artwork is available on our website: https://www.elsevier.com/artworkinstructions

You are urged to visit this site; some excerpts from the detailed information are given here.

Formats
If your electronic artwork is created in a Microsoft Office application (Word, PowerPoint, Excel) then please supply 'as is' in the native document format.

Regardless of the application used other than Microsoft Office, when your electronic artwork is finalized, please 'Save as' or convert the images to one of the following formats (note the resolution requirements for line drawings, halftones, and line/halftone combinations given below):

EPS (or PDF): Vector drawings, embed all used fonts.
TIFF (or JPEG): Color or grayscale photographs (halftones), keep to a minimum of 300 dpi.
TIFF (or JPEG): Bitmapped (pure black & white pixels) line drawings, keep to a minimum of 1000 dpi.
TIFF (or JPEG): Combinations bitmapped line/halftone (color or grayscale), keep to a minimum of 500 dpi.

Please do not:
- Supply files that are optimized for screen use (e.g., GIF, BMP, PICT, WPG); these typically have a low number of pixels and limited set of colors;
- Supply files that are too low in resolution;
- Submit graphics that are disproportionately large for the content.

Journal abbreviations source
Journal names should be abbreviated according to the List of Title Word Abbreviations.

Video
Elsevier accepts video material and animation sequences to support and enhance your scientific research. Authors who have video or animation files that they wish to submit with their article are strongly encouraged to include links to these within the body of the article. This can be done in the same way as a figure or table by referring to the video or animation content and noting in the body text where it should be placed. All submitted files should be properly labeled so that they directly relate to the video file's content. In order to ensure that your video or animation material is directly usable, please provide the file in one of our recommended file formats with a preferred maximum
size of 150 MB per file, 1 GB in total. Video and animation files supplied will be published online in the electronic version of your article in Elsevier Web products, including ScienceDirect. Please supply 'stills' with your files: you can choose any frame from the video or animation or make a separate image. These will be used instead of standard icons and will personalize the link to your video data. For more detailed instructions please visit our video instruction pages. Note: since video and animation cannot be embedded in the print version of the journal, please provide text for both the electronic and the print version for the portions of the article that refer to this content.

Data visualization
Include interactive data visualizations in your publication and let your readers interact and engage more closely with your research. Follow the instructions here to find out about available data visualization options and how to include them with your article.

Supplementary material
Supplementary material such as applications, images and sound clips, can be published with your article to enhance it. Submitted supplementary items are published exactly as they are received (Excel or PowerPoint files will appear as such online). Please submit your material together with the article and supply a concise, descriptive caption for each supplementary file. If you wish to make changes to supplementary material during any stage of the process, please make sure to provide an updated file. Do not annotate any corrections on a previous version. Please switch off the 'Track Changes' option in Microsoft Office files as these will appear in the published version.

Research data
This journal encourages and enables you to share data that supports your research publication where appropriate, and enables you to interlink the data with your published articles. Research data refers to the results of observations or experimentation that validate research findings. To facilitate reproducibility and data reuse, this journal also encourages you to share your software, code, models, algorithms, protocols, methods and other useful materials related to the project.

Below are a number of ways in which you can associate data with your article or make a statement about the availability of your data when submitting your manuscript. If you are sharing data in one of these ways, you are encouraged to cite the data in your manuscript and reference list. Please refer to the "References" section for more information about data citation. For more information on depositing, sharing and using research data and other relevant research materials, visit the research data page.

Data linking
If you have made your research data available in a data repository, you can link your article directly to the dataset. Elsevier collaborates with a number of repositories to link articles on ScienceDirect with relevant repositories, giving readers access to underlying data that gives them a better understanding of the research described.

There are different ways to link your datasets to your article. When available, you can directly link your dataset to your article by providing the relevant information in the submission system. For more information, visit the database linking page.

For supported data repositories a repository banner will automatically appear next to your published article on ScienceDirect.

In addition, you can link to relevant data or entities through identifiers within the text of your manuscript, using the following format: Database: xxxx (e.g., TAIR: AT1G01020; CCDC: 734053; PDB: 1XFN).

Mendeley Data
This journal supports Mendeley Data, enabling you to deposit any research data (including raw and processed data, video, code, software, algorithms, protocols, and methods) associated with your manuscript in a free-to-use, open access repository. During the submission process, after uploading your manuscript, you will have the opportunity to upload your relevant datasets directly to Mendeley Data. The datasets will be listed and directly accessible to readers next to your published article online.

For more information, visit the Mendeley Data for journals page.
Data statement
To foster transparency, we encourage you to state the availability of your data in your submission. This may be a requirement of your funding body or institution. If your data is unavailable to access or unsuitable to post, you will have the opportunity to indicate why during the submission process, for example by stating that the research data is confidential. The statement will appear with your published article on ScienceDirect. For more information, visit the Data Statement page.

AFTER ACCEPTANCE
Online proof correction
Corresponding authors will receive an e-mail with a link to our online proofing system, allowing annotation and correction of proofs online. The environment is similar to MS Word: in addition to editing text, you can also comment on figures/tables and answer questions from the Copy Editor. Web-based proofing provides a faster and less error-prone process by allowing you to directly type your corrections, eliminating the potential introduction of errors. If preferred, you can still choose to annotate and upload your edits on the PDF version. All instructions for proofing will be given in the e-mail we send to authors, including alternative methods to the online version and PDF.
We will do everything possible to get your article published quickly and accurately. Please use this proof only for checking the typesetting, editing, completeness and correctness of the text, tables and figures. Significant changes to the article as accepted for publication will only be considered at this stage with permission from the Editor. It is important to ensure that all corrections are sent back to us in one communication. Please check carefully before replying, as inclusion of any subsequent corrections cannot be guaranteed. Proofreading is solely your responsibility.

Offprints
The corresponding author will, at no cost, receive a customized Share Link providing 50 days free access to the final published version of the article on ScienceDirect. The Share Link can be used for sharing the article via any communication channel, including email and social media. For an extra charge, paper offprints can be ordered via the offprint order form which is sent once the article is accepted for publication. Both corresponding and co-authors may order offprints at any time via Elsevier's Webshop. Corresponding authors who have published their article gold open access do not receive a Share Link as their final published version of the article is available open access on ScienceDirect and can be shared through the article DOI link.

Editorial Office Contact
Any questions regarding contributions to Contraception should be directed to Taylor Bowen, Managing Editor; E-mail: contraceptionjournal@gmail.com; Telephone: (434) 977-5494.

AUTHOR INQUIRIES
Visit the Elsevier Support Center to find the answers you need. Here you will find everything from Frequently Asked Questions to ways to get in touch. You can also check the status of your submitted article or find out when your accepted article will be published.