GLOBAL HEART
The official journal of the World Heart Federation; affiliated with the Asian Pacific Society of Cardiology

TABLE OF CONTENTS

- Description p.1
- Audience p.1
- Abstracting and Indexing p.1
- Editorial Board p.2
- Guide for Authors p.5

DESCRIPTION

Global Heart seeks to provide a forum for dialogue and education on matters that relate foremost to the prevention and control of cardiovascular diseases worldwide, with a special focus on countries with middle and lower economies. With the main focus being on prevention, manuscripts should address not only the extent or epidemiology of the problem, but also describe interventions to effectively control and prevent cardiovascular diseases and their antecedent factors. The emphasis should be on approaches that can be applied in settings with limited resources. Economic evaluations of successful interventions will be particularly welcome. Important negative findings will also be considered. While reports of hospital or clinic-based treatments will not necessarily be rejected, particularly if they have broad implications for cost-effective disease control or prevention, manuscripts that address community-based activities will be preferred. Submissions on cardiovascular surveillance and health policies, professional education, ethical issues and technological innovations particularly those related to prevention are encouraged.

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

The target audience is located especially in developing countries, and to a lesser extent in middle and high-income countries. It consists of cardiologists, primary care professionals (general practitioners, nurses) and patients, public health community and policy makers (in future).

ABSTRACTING AND INDEXING

EMBASE
ScienceDirect
Scirus
Scopus
PubMed
MEDLINE®
EDITORIAL BOARD

Editor-in-Chief
J. Narula, Mount Sinai School of Medicine, New York, New York, USA

Executive Editor
A. Moran, Columbia University Medical Center, New York, New York, USA

Deputy Editors
R. Baliga, Ohio State University, OH, USA
Y. Chandra Shekhar, Minneapolis VA Health Care System, Minneapolis, Minnesota, USA
G.T. Gaziano, Brigham and Women's Hospital, Boston, Massachusetts, USA
P. Perel, World Heart Federation, Geneva, Switzerland
N. Wong, MD, University of California at Irvine, Irvine, California, USA

Associate Editors
S. Agarwal, Mount Sinai Health Systems, New York, USA
E. Arbus, Fondazione IRCCS Policlinico San Matteo, Pavia, Italy
S. Bansilal, Mount Sinai Hospital, New York, USA
M. Huffman, Northwestern Memorial Hospital, Chicago, IL, USA
A. Kalra, University Hospitals Cleveland Medical Center, Cleveland, Ohio, USA
D.S. Kazi, San Francisco General Hospital, USA
R.K. Kumar, Amrita Institute of Medical Sciences, Kerala, India
G.A. Roth, University of Washington, Seattle, Washington, USA
U.K.A. Sampson, National Heart, Lung and Blood Institute, Bethesda, Maryland, USA
P. Singh, Icahn School of Medicine at Mount Sinai, New York, New York, USA
R. Vedanthan, Emory University, Atlanta, Georgia, USA

Section Editors
Global Heritage
M. Ezzati, Imperial College London, London, UK

Global Intelligence
J.C. Mohan, Institute of Heart and Vascular Diseases, New Delhi, India

Global Learning
R. Afzal, McMaster University, Hamilton, Canada
P. Boffetta, Mount Sinai School of Medicine, New York, New York, USA

Global Orphans
J. Guzman, London International Development Centre, London, UK
N. Naik, Delhi, India

Global Solutions
K. Kahol, Public Health Foundation of India, New Delhi, India
S. Lear, St. Paul’s Hospital, Vancouver, British Columbia, Canada

Global Tracking
V.S. Ajay, Public Health Foundation of India, New Delhi, India
A. Roy, All India Institute of Medical Sciences, New Delhi, India

Global Vigilance
N. Narula, New York, New York, USA
S.J. Pocock, London School of Hygiene and Tropical Medicine, London, UK

Global Voices
C. Ahsan, Bangladesh Medical Association of North America, Las Vegas, Nevada, USA
M. Ali, Emory University, Atlanta, Georgia, USA

Global Watch
R. Iyengar, St. George's University, Grenada
S. Mitter, Northwestern University, Chicago, USA

Senior Advisory Council
G. Alleyne, Pan American Health Organization, North West, Washington, USA
S-H Hong Baek, Catholic University of Korea, Seoul, The Republic of Korea
R.O. Bonow, Northwestern Memorial Hospital, Chicago, Illinois, USA
S. Nishtar, Heartfile, Islamabad, Pakistan
E.N. Ogola, University of Nairobi, Nairobi, Kenya
C. Onen, Centre for Chronic Diseases, Gabarone, Botswana
K. Ramaiya, Shree Hindu Mandal Hospital, Dar es Salaam, Tanzania
A. Rodgers, The George Institute for Global Health, Sydney, New South Wales, Australia
M. Roe, Duke University School of Medicine, Durham, North Carolina, USA
A. Rubenstein, Southern Cone American Center of Excellence for Cardiovascular Health, Buenos Aires, Argentina
K.H. Sim
B. Siswanto, Indonesian Heart Association, East Jakarta, Indonesia
K.K. Talwar, Postgraduate Institute of Medical Education and Research, Chandigarh, India
J. Tan, National Heart Centre Singapore Cardiology, Singapore, Singapore
N. Tandon, All India Institute of Medical Sciences, New Delhi, India
S. Thom, Imperial College London, London, England, UK
A. Upadhyaya, Medicare National Hospital, Kathmandu, Nepal
GUIDE FOR AUTHORS

INTRODUCTION

Instructions for Authors

Global Heart has a particular interest in publishing articles addressing epidemiology and health services research (data that utilize updated national or regional demographic health surveys, World Health Organization or Global Burden of Disease data), large clinical disease databases or registries, systematic reviews or meta-analyses on globally-relevant topics, studies that use validated instruments to assess health-related quality-of-life in patients with cardiovascular disease from low- and middle-income countries, clinical research (innovative clinical applications, either diagnostic or therapeutic, with preference from low- and middle-income countries, real-world, effectiveness clinical trials, particularly from low- and middle-income countries), research methods (innovative methodologic papers, with emphasis on low-cost research methods or novel application of methods in low resource settings), and papers pertaining to cardiovascular health promotion and policy (quantitative evaluation of health programs, including critical analyses to explain why certain programs failed or why certain policies led to unintended/unanticipated consequences). As a rule, Global Heart strongly encourages authors to adhere to CONSORT, STROBE, STARD, and PRISMA guidelines for reporting of clinical trials, observational studies, diagnostic test accuracy papers, and systematic reviews or meta-analyses.

Global Heart is an official and primary publication of the World Heart Federation that offers a platform for the dissemination of knowledge on research, developments, trends, solutions and public health programmes predominantly in the area of cardiovascular disease prevention and control. A special attempt is being made to highlight the cardiovascular disease and health promotion in the low and middle income countries which are facing the brunt of epidemiological transition.

Types of Manuscripts

Types of Manuscripts
The following list comprises the sections/types of articles that appear in Global Heart and the guidelines for each. Submitted manuscripts should conform to the guidelines of the intended section. The editorial office will make the final decision regarding the section in which an accepted article finally appears.

gSCIENCE [Original Research] Manuscripts falling under this section are reports of original scientific investigation in cardiovascular disease prevention and health promotion that have not previously been published and are not being considered for publication elsewhere. Original articles are not to exceed 5000 words, all inclusive. The abstract is 300 words long and structured with the headings background, objective(s), methods, and conclusions. We would like you to pay special attention to and discuss in detail the methods (study design-setting-patients), and results sections. References should be in Vancouver style. Submission of a manuscript to this journal gives the publisher the right to publish that paper if it is accepted. Manuscripts may be edited to improve clarity and expression. All figures are redrawn by our in-house artists for uniformity. We advise authors to check the figures carefully for accuracy. Reports of the diseases peculiar to developing countries are particularly welcome.

gREVIEW [Reviews or State-of-the-Art Reviews] These reviews should not exceed 7500 words including an unstructured abstract of 150 words. We encourage authors to contact the editorial office with proposals for review articles.

gOPINION [Editorial Comments and Viewpoints] Editorial comments comprise invited articles to accompany important gSCIENCE manuscripts and are 1500 words long. However, viewpoints can be submitted independently; prior consultation with the editors may facilitate preparation of such viewpoints, which are up to 2500 words long.

gRECS [Expert Consensus Documents, Recommendations, and White Papers] We invite small groups of experts who may help us develop recommendations and guidelines for cardiovascular disease management and prevention, especially pertaining to low- and middle-income countries. This category also includes statements and white papers officially developed by the Scientific Committee of World Heart Federation. In addition, this section also publishes the guidelines and recommendations provided by other major cardiovascular societies simultaneously with other major cardiology journals. There is no page limit established for these manuscripts.
**gWATCH [News and Novel Programs]** Region-specific cardiovascular programs and news. Items should be no longer than 800 words.

**gSOLUTIONS [Innovations and Concepts]** The manuscripts are up to 4000 words long with 150-word unstructured abstracts. Such manuscripts highlight resource- and context-specific conceptual advances that may be ready to be translated into clinical and epidemiologic practice.

**gHERITAGE [Classics in Global Medicine]** With an emphasis on participation of young researchers in mind, this section features the classic studies in cardiovascular epidemiology with the current perspective. These are usually invited submissions, but we do welcome your suggestions. These manuscripts are up to 3500 words long, but we are usually flexible. They contain 150-word unstructured abstracts highlighting the purpose of selection of the classical study for presentation, study findings, and relevance in the current era. All figures will be redone by the in-house artist; therefore, please feel free to send original figures or hand-drawn diagrams. The slides of these classical studies will be made available online. The manuscript should rewrite the original studies and provide the importance in the current era of epidemiological transition in developing/underprivileged nations.

**gMAIL [Letters to the Editor]** Readers are encouraged to write about any topic that relates to prevention and control of cardiovascular diseases worldwide. Letters should be no longer than 800 words, including 5 references. The correspondence may also address discussion or critique on material previously printed in the journal.

**gOVERVIEW [Editor's Page]** In every issue, one or more original research manuscripts are highlighted in an accompanying editor's page, the purpose of which is to discuss the importance of the selected manuscript, its potential contributions to global heart health, and to predict future trends. If you feel that your manuscript deserves to be highlighted, please do not hesitate to suggest so in your cover letter at the time of manuscript submission.

**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](#).
**Published statement of informed consent**

Manuscripts reporting data obtained from research conducted in human subjects must include a statement of assurance in the Methods section of the manuscript that (1) informed consent was obtained from each patient and (2) the study protocol conforms to the ethical guidelines of the 1975 Declaration of Helsinki as reflected in a priori approval by the institution's human research committee.

**Published statement of ethical treatment of animals**

Manuscripts reporting experiments using animals must include a statement giving assurance that all animals received humane care and that study protocols comply with the institution's guidelines.

**Conflict of interest statements for authors**

All authors are requested to disclose any actual or potential conflict of interest including any financial, personal or other relationships with other people or organizations within three years of beginning the submitted work that could inappropriately influence, or be perceived to influence, their work. See also [http://www.elsevier.com/conflictsofinterest](http://www.elsevier.com/conflictsofinterest).

Potential Conflicts of Interest Related to Individual Authors' Commitments When authors submit a manuscript, whether an article or a letter, they are responsible for disclosing all financial and personal relationships that might bias their work. To prevent ambiguity, authors must state explicitly whether potential conflicts do or do not exist.

Further information and an example of a Conflict of Interest form can be found at: [http://service.elsevier.com/app/answers/detail/a_id/286/supporthub/publishing](http://service.elsevier.com/app/answers/detail/a_id/286/supporthub/publishing).

**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.

**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.

**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.

For gold open access articles: Upon acceptance of an article, authors will be asked to complete an 'Exclusive License Agreement' (more information). Permitted third party reuse of gold open access articles is determined by the author's choice of user license.

**Author rights**
As an author you (or your employer or institution) have certain rights to reuse your work. More information.

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.

**Funding body agreements and policies**
Elsevier has established a number of agreements with funding bodies which allow authors to comply with their funder's open access policies. Some funding bodies will reimburse the author for the gold open access publication fee. Details of existing agreements are available online.

**Open access**
This journal offers authors a choice in publishing their research:

**Subscription**
- Articles are made available to subscribers as well as developing countries and patient groups through our universal access programs.
- No open access publication fee payable by authors.
- The Author is entitled to post the accepted manuscript in their institution's repository and make this public after an embargo period (known as green Open Access). The published journal article cannot be shared publicly, for example on ResearchGate or Academia.edu, to ensure the sustainability of peer-reviewed research in journal publications. The embargo period for this journal can be found below.

**Gold open access**
- Articles are freely available to both subscribers and the wider public with permitted reuse.
- A gold open access publication fee is payable by authors or on their behalf, e.g. by their research funder or institution.

Regardless of how you choose to publish your article, the journal will apply the same peer review criteria and acceptance standards.

For gold open access articles, permitted third party (re)use is defined by the following Creative Commons user licenses:

The open access publication fee for this journal is $3000, excluding taxes.
Learn more about Elsevier's pricing policy on http://www.elsevier.com/openaccesspricing

The gold open access publication fee for this journal is **USD 3300**, excluding taxes. Learn more about Elsevier's pricing policy: https://www.elsevier.com/openaccesspricing.

**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 green 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.

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 two independent expert reviewers 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. 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). 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

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.

Theory/calculation
A Theory section should extend, not repeat, the background to the article already dealt with in the Introduction and lay the foundation for further work. In contrast, a Calculation section represents a practical development from a theoretical basis.

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.

Conclusions
The main conclusions of the study may be presented in a short Conclusions section, which may stand alone or form a subsection of a Discussion or Results and Discussion section.

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.

Vitae
Include in the manuscript a short (maximum 100 words) biography of each author, along with a passport-type photograph accompanying the other figures.

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. You can add your name between parentheses in your own script behind the English transliteration. Present the authors' affiliation addresses (where the actual work was done) below the names. Indicate all affiliations with a lowercase 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. This responsibility includes answering any future queries about Methodology and Materials. **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.

Abstract
A concise and factual abstract is required. The abstract should state briefly the purpose of the research, the principal results and major conclusions. An abstract is often presented separately from the article, so it must be able to stand alone. For this reason, References should be avoided, but if essential, then cite the author(s) and year(s). Also, non-standard or uncommon abbreviations should be avoided, but if essential they must be defined at their first mention in the abstract itself.

Graphical abstract
Although a graphical abstract is optional, its use is encouraged as it draws more attention to the online article. The graphical abstract should summarize the contents of the article in a concise, pictorial form designed to capture the attention of a wide readership. Graphical abstracts should be submitted as a separate file in the online submission system. Image size: Please provide an image with a minimum of 531 x 1328 pixels (h x w) or proportionally more. The image should be readable at a size of 5 x 13 cm using a regular screen resolution of 96 dpi. Preferred file types: TIFF, EPS, PDF or MS Office files. You can view Example Graphical Abstracts on our information site.

Authors can make use of Elsevier's Illustration Services to ensure the best presentation of their images and in accordance with all technical requirements.

Highlights
Highlights are mandatory for this journal. They consist of a short collection of bullet points that convey the core findings of the article and should be submitted in a separate editable file in the online submission system. Please use 'Highlights' in the file name and include 3 to 5 bullet points (maximum 85 characters, including spaces, per bullet point). You can view example Highlights on our information site.
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 that are not standard in this field in a footnote to be placed on the first page of the article. Such abbreviations that are unavoidable in the abstract must be defined at their first mention there, as well as in the footnote. 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.

Math formulae
Please submit math equations as editable text and not as images. Present simple formulae in line with normal text where possible and use the solidus (/) instead of a horizontal line for small fractional terms, e.g., X/Y. In principle, variables are to be presented in italics. Powers of e are often more conveniently denoted by exp. Number consecutively any equations that have to be displayed separately from the text (if referred to explicitly in the text).

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
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 published version.
• Submit each illustration as a separate file.
A detailed guide on electronic artwork is available.
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/half-tone (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.

**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.

*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.

*References in a special issue*
Please ensure that the words 'this issue' are added to any references in the list (and any citations in the text) to other articles in the same Special Issue.
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 and Zotero, as well as EndNote. Using the word processor 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.

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/global-heart

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 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).

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.
**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. Before submitting your article, you can deposit the relevant datasets to Mendeley Data. Please include the DOI of the deposited dataset(s) in your main manuscript file. 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.

**Process of Submission**

**Online Submission of Manuscripts**

Submission to Global Heart proceeds totally online via https://www.evise.com/profile/api/navigate/GHEART. EVISE guides the author stepwise through the creation and uploading of the various files. During the submission process, authors provide an electronic version of their manuscript to EVISE. Authors may send queries concerning the
submission process, or journal procedures to the Editorial Office at the following e-mail address: Narula@mountsini.org. Once the uploading is done, the system automatically generates an electronic (PDF) proof, which is then used for reviewing. The review process is fully anonymous. All correspondence, including the Editor's decision and request for revisions, will be processed through the system and will reach the corresponding author by e-mail.

AFTER ACCEPTANCE

Proofs
One set of page proofs (as PDF files) will be sent by e-mail to the corresponding author (if we do not have an e-mail address then paper proofs will be sent by post) or, a link will be provided in the e-mail so that authors can download the files themselves. Elsevier now provides authors with PDF proofs which can be annotated; for this you will need to download the free Adobe Reader, version 9 (or higher). Instructions on how to annotate PDF files will accompany the proofs (also given online). The exact system requirements are given at the Adobe site.

If you do not wish to use the PDF annotations function, you may list the corrections (including replies to the Query Form) and return them to Elsevier in an e-mail. Please list your corrections quoting line number. If, for any reason, this is not possible, then mark the corrections and any other comments (including replies to the Query Form) on a printout of your proof and scan the pages and return via e-mail. 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. We will do everything possible to get your article published quickly and accurately. 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.

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.

© Copyright 2018 Elsevier | https://www.elsevier.com