DESCRIPTION

World Neurosurgery's mission is to:

• To provide a first-class international forum and a 2-way conduit for dialogue that is relevant to neurosurgeons and providers who care for neurosurgery patients. The categories of the exchanged information include clinical and basic science, as well as global information that provide social, political, educational, economic, cultural or societal insights and knowledge that are of significance and relevance to worldwide neurosurgery patient care.
• To act as a primary intellectual catalyst for the stimulation of creativity, the creation of new knowledge, and the enhancement of quality neurosurgical care worldwide.
• To provide a forum for communication that enriches the lives of all neurosurgeons and their colleagues; and, in so doing, enriches the lives of their patients.

Topics to be addressed in World Neurosurgery include: EDUCATION, ECONOMICS, RESEARCH, POLITICS, HISTORY, CULTURE, CLINICAL SCIENCE, LABORATORY SCIENCE, TECHNOLOGY, OPERATIVE TECHNIQUES, CLINICAL IMAGES, VIDEOS

World Neurosurgery has an open access companion journal World Neurosurgery: X which accepts similar articles to those found in World Neurosurgery. Relaunching in July 2022 with a new Editor-in-Chief and Advisory Board, World Neurosurgery: X is expecting to grow submissions and content, specifically in the areas of innovation, education, leadership, and quality improvement. The journal will be offering Article Processing Charge (APC) waivers until June 30th, 2023. Authors can submit manuscripts via Editorial Manager: https://www.editorialmanager.com/wnsx/default1.aspx. In addition, World Neurosurgery: X will also process manuscripts from Elsevier's Article Transfer Service, which means authors do not have to resubmit or reformat a manuscript; they just have to accept the transfer provided by another Elsevier journal. While this service does not constitute a guarantee that your paper will be published in the suggested journal, we hope this arrangement will help expedite the process for promising papers.

ABSTRACTING AND INDEXING

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Science Citation Index
Scopus
Embase
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Robert J. Spinner, Mayo Clinic in Rochester, Rochester, Minnesota, United States of America
**Feature Editors**

**Book Review**
William J. Mack, University of Southern California, Los Angeles, California, United States of America

**Calendar**
Max Jägersberg, Geneva University Hospitals Neurosurgery Service, Geneva, Switzerland

**Early Career Forum**
Fady Girgis, University of California Davis, Davis, California, United States of America
Christina Huang Wright, Case Western Reserve University School of Medicine, Cleveland, Ohio, United States of America
James Wright, Case Western Reserve University School of Medicine, Cleveland, Ohio, United States of America

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Charles Y. Liu, University of Southern California, Los Angeles, California, United States of America

**Global Champions**
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**Global Goodness**
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**Global Neurosurgery**
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Mehmet Zileli, Ege University, Department of Neurology, İzmir, Turkey

**Social Media**
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**Statistics, Study Design and Clinical Trials**
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Victor Volovici, Erasmus University Medical Center, Department of Neurosurgery, Rotterdam, Netherlands

**Founding Editor-in-Chief**
Michael Apuzzo
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- Original Article (available in full online only, but will be listed in the contents list of the printed journal and fully citable)
- Historical Vignette
- Technical Note
- Literature Reviews
- Book Review (invited)
- Perspective (invited)
- Perspective - Global Neurosurgery (invited)
- Doing More with Less (see specific submission instructions below)
- Clinical Images (see specific submission instructions below)
- Video Articles (see specific submission instructions below)
- Women in Neurosurgery (see specific submission instructions below)
- Great Hospitals (see specific submission instructions below)
- Neurosurgery Nursing (see specific submission instructions below)
- Case Report (See information below)
- Letter to the Editor (see specific submission instructions below)
- Early Career Forum (see specific submission instructions below)
- Neurosurgery and the Arts (see specific submission instructions below)
- News (invited)
- From the Annals of... (invited)
- Obituary (see specific submission instructions below)
- The Development of Neurosurgery (see specific submission instructions below)

**Case Reports:** WORLD NEUROSURGERY and WORLD NEUROSURGERY X will no longer be accepting Case Reports for peer-review. Any Case Report that does come through our system will be automatically transferred to INAT. If you would like to learn more about INAT, please visit their website.

**The Development of Neurosurgery:** As a complement to the "Great Hospitals" section, articles on "The Development of Neurosurgery" describe the evolution of neurosurgery at the country, regional, or continental level rather than the hospital level. Of particular interest are the factors that either
facilitated or impeded the development of neurosurgery at the country, regional, or continental level - and what methods led to progress. The goal is to share ideas regarding the development of neurosurgery at the "macro" level so that other countries, regions, or continents can learn from the experience of others. Collaboration on authorship with, e.g. ministries of health and/or international organizations such as WHO, is obviously desirable. Please arrange this submission as an Original Article with an abstract, body, references, etc) and choose the article type "The Development of Neurosurgery" when submitting your article.

Clinical Images: Progress in neurosurgery has paralleled advances in lesion localization and imaging technologies. World Neurosurgery recently launched this new section to convey the nuances of our specialty through imagery. This is also a conduit by which neurosurgeons worldwide may communicate exciting discovery and experience through a common language, i.e., captivating clinical images. We thus encourage the submission of images or videos from cases that portray interesting, engaging and somewhat rare depiction of neurosurgical disease.

Required submission criteria:
- Text: A short description of 350 words or less
- Abstract: 50-150 word unstructured abstract (no headings)
- Title: The title should be clear and concise
- Authors: No more than three authors, with name, highest academic degree, affiliations, address and email for each
- Figure Legend: The legend should contain no more than 150 words, and include relevant patient history/physical examination, clinical course and response to treatment and if applicable, condition at follow-up.

Video Articles: Video Articles focus on important surgical procedures in the common interest of practicing neurosurgeons. A brief case presentation in the abstract should be followed by 2D or 3D (preferred) operative video. Demonstration of interesting and innovative approaches should accompany illustrations of relevant operative anatomy. Judicious labelling of important anatomical structures are encouraged for better orientation of surgical field. Video files should be of high quality and not exceed 150 MB. Additional information on file formatting can be found here.

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- Authors are responsible to obtain consent from signed from any patients who could be identified from the videos. It is the responsibility of the corresponding author to declare in the cover letter that he has obtained relevant consent form, signed by the patient.

Doing More with Less: The Doing More with Less section of World Neurosurgery focuses on the particular needs of the lower-resource neurosurgery world, which includes most of the world. The Section solicits submissions of news articles, commentaries, and scientific and technical papers that relate to issues surrounding optimal patient care in resource-challenged environments. In particular, this call for scientific and technical papers focuses on methods for accomplishing neurosurgical goals with low-cost solutions that are practical to implement in neurosurgical operating theaters and care environments where minimal or basic tools and materials are available.

During your submission process, please choose 'Doing More with Less' as your article type.

Great Hospitals: World Neurosurgery has recently reintroduced the topic of 'Great Hospitals.' We are seeking articles from institutions world-wide who have a rich history and a message to share. Such prior publications have provided an insight into their unique characteristics, attributes and strategies/ modus operandi. If any of you have a message to share regarding your institution, please template a submission article after those already published in World Neurosurgery and submit such for review as a 'Great Hospitals' article type.

References:
1. Powell MP. The History of Neurosurgery at the National Hospital, Queen Square, London, with Some Personal Recollections from 1948 Onwards: The Early Years. World Neurosurgery (2017) 103: 634-646
Neurosurgery Nursing: *World Neurosurgery* solicits Neurosurgery Nursing submissions of news articles, commentaries, technical and scientific papers that relate to neurosurgery nursing's role in interrelated and interprofessional neurosurgery patient care. This call for submissions includes historical perspectives, such as the evolution of neurosurgery nursing in a specific country/region; current state and future directions of neurosurgery nursing in your country/region; care coordination; care collaboration; impact on issues of concern to the World Health Organization such as obesity, falls with head and/or spine injury, infectious diseases; care or health challenges; problem-solving care challenges; dissemination of neurosurgery nursing research.

During the submission process, please choose 'Neurosurgery Nursing' as your article and classification type.

Women in Neurosurgery: *World Neurosurgery* is accepting papers written by neurosurgeons, male or female, addressing the issues that women face in neurosurgery. Disseminating true facts via publications and educational efforts can aid in establishing equality in the world-wide neurosurgery community. This can only come from neurosurgeons themselves. *World Neurosurgery* encourages the submission of articles addressing these issues.

When submitting your manuscript, please select 'Women in Neurosurgery' as your article type.

Letter to the Editor: When discussing a prior *World Neurosurgery* manuscript, please cite the specific article in the main body of your letter and add it to the Reference List at the end of your manuscript. We request that you use a unique title for your Letter to the Editor:

- Letter is in response to a published manuscript, please begin your title as follows: Letter to the Editor Regarding (insert particular article title here)
- If you have been invited to respond to a Letter to the Editor, please start your title with: In Reply to the Letter to the Editor Regarding (insert particular article title here)

Early Career Forum: To be comprised of submissions from neurosurgeons in early career stages including residents, fellows, and recent graduates. This column will provide a forum to explore important issues specific to those in training and in the early years of practice. There are unique challenges for neurosurgeons in these career stages that are under-discussed and could be the focus of meaningful and beneficial discussion. The intent is for this column to appeal to young neurosurgeons who may or may not have the interest or time to engage in scholarly activity, yet still are passionate about relevant career issues which may have broad appeal. Potential topics may include but are not limited to mentorship, work-life balance, neurosurgical education, and career-challenges, as well as, emerging research questions and opportunities. Submissions may also address controversial topics, which may not yet have sufficient data or an adequate venue for discussion. Articles are meant to be thoughtful, inquisitive, and scholarly in nature with references where appropriate. While research discussions are invited, the intent is not to primarily showcase research data. Articles do not need to follow scientific format but traditional scientific and evidence-based submissions are welcome.

Required submission criteria:

- Author limit is three, and all authors must be either residents, fellows, or within 5 years of graduation
- Word-limit for submissions is 1,500
- Figures and tables will be limited to a total of two per submission
- Papers and proposals should be submitted directly to christinemoore.aem@gmail.com

For submissions and review, we aim to facilitate clear and easy communication prior to the submission of an article to this column. We will generate a periodic call for papers on specific topics but we also welcome authors to submit proposals at any time for topics of exploration prior to the preparation of a full manuscript. We encourage prospective authors to complete a thorough review of the literature prior to submission to this column to avoid duplication of previously discussed topics. Any proposals submitted should be directly applicable to neurosurgical residents, fellows, or those in the early post-graduate career stages.

Proposals to the Editor-in-Chief: Virtual special issues on specific subspecialties: For further details on this section, please email christinemoore.aem@gmail.com

Neurosurgery and the Arts: *World Neurosurgery’s* Neurosurgery and the Arts section seeks art for its monthly journal cover and composite page. The submissions involve the display of art by neurosurgeons. Hence, we are seeking art, in any visual form, for this endeavor on an ongoing basis. Such art might naturally include photography, photographs of sculptures or paintings, prose or poetry, etc. We ask neurosurgeons to submit high resolution images, in a portrait setting, of such art. If a landscape image is submitted and selected please note that it will be cropped. These images will
be considered for future *World Neurosurgery* journal covers and for display on our composite page. When submitting your images, please include a brief description. These can be submitted directly to christineMoore.aem@gmail.com

**News:** For further details on this section, please email christineMoore.aem@gmail.com

**From the Annals of...:** For further details on this section and/or including your institution in this quarterly offering, please email christineMoore.aem@gmail.com

**Obituary:** This section is to notify the *World Neurosurgery* readership regarding the recent passing of colleagues in our world-wide neurosurgical community. Please provide text (limit up to 250 words) and a photo (if desired) for inclusion. Please submit under the article type of "Obituary".

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Results
Results should be clear and concise.

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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.

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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.

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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.

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