

HOSTED BY



ELSEVIER

Contents lists available at ScienceDirect

The Egyptian Heart Journal

journal homepage: www.elsevier.com/locate/ehj

EDITORIAL

Data sharing: A new editorial initiative of the International Committee of Medical Journal Editors. Implications for the editors' network ☆



Fernando Alfonso ^{a,*}, Karlen Adamyan ^b, Jean-Yves Artigou ^c, Michael Aschermann ^d, Michael Boehm ^e, Alfonso Buendia ^f, Pao-Hsien Chu ^g, Ariel Cohen ^h, Livio Dei Cas ⁱ, Mirza Dilic ^j, Anton Doubell ^k, Dario Echeverri ^l, Nuray Enç ^m, Ignacio Ferreira-González ⁿ, Krzysztof J. Filipiak ^o, Andreas Flammer ^p, Eckart Fleck ^q, Plamen Gatzov ^r, Carmen Ginhina ^s, Lino Goncalves ^t, Habib Haouala ^u, Mahmoud Hassanein ^v, Gerd Heusch ^w, Kurt Huber ^x, Ivan Hulín ^y, Mario Ivanusa ^z, Rungroj Kittayaphong ^{aa}, Chu-Pak Lau ^{ab}, Germanas Marinskis ^{ac}, François Mach ^p, Luiz Felipe Moreira ^{ad}, Tuomo Nieminen ^{ae}, Latifa Oukerraj ^{af}, Stefan Perings ^{ag}, Luc Pierard ^{ah}, Tatjana Potpara ^{ai}, Walter Reyes-Caorsi ^{aj}, Se-Joong Rim ^{ak}, Olaf Rødevand ^{al}, Georges Saade ^{am}, Mikael Sander ^{an}, Evgeny Shlyakhto ^{ao}, Bilgin Timuralp ^{ap}, Dimitris Tousoulis ^{aq}, Dilek Ural ^{ar}, J.J. Piek ^{as}, Albert Varga ^{at}, Thomas F. Lüscher ^{au}, On behalf of the Editors' Network European Society of Cardiology Task Force

^a Chairman Editors' Network^b Editor in Chief Armenian Journal of Cardiology^c Editor in Chief Archives des maladies du cœur et des vaisseaux Pratique^d Editor in Chief Cor et Vasa^e Editor in Chief Clinical Research in Cardiology^f Editor in Chief Archivos de Cardiología de^g Editor in Chief Acta Cardiologica Sinica^h Editor in Chief Archives of Cardiovascular Diseasesⁱ Editor in Chief Journal of Cardiovascular Medicine^j Editor in Chief Medicinski Zurnal^k Editor in Chief SAHeart^l Editor in Chief Revista Colombiana de Cardiología^m Editor in Chief Kardiyovaskuler Hemsirelik Dergisiⁿ Editor in Chief Revista Española de Cardiología^o Editor in Chief Kardiologia Polska^p Editor in Chief Cardiovascular Medecine^q Editor in Chief Cardio News^r Editor in Chief Bulgarian Journal of Cardiology^s Editor in Chief Romanian Journal of Cardiology^t Editor in Chief Revista Portuguesa de Cardiologia^u Editor in Chief Cardiologie Tunisienne^v Editor in Chief The Egyptian Heart Journal^w Editor in Chief Basic Research in Cardiology^x Editor in Chief Austrain Journal of Cardiology^y Editor in Chief Cardiology Letters^z Editor in Chief Cardiologia Croatica^{aa} Editor in Chief Thai Heart Journal^{ab} Editor in Chief Journal of the Hong Kong College of Cardiology^{ac} Editor in Chief Seminars in Cardiovascular Medicine^{ad} Editor in Chief Arquivos Brasileiros de Cardiologia^{ae} Editor in Chief Sydänääni (Heart Beat)^{af} Editor in Chief La Revue Marocaine de Cardiologie^{ag} Editor in Chief Der Kardiologie^{ah} Editor in Chief Acta Cardiologica^{ai} Editor in Chief Heart and Blood Vessels^{aj} Editor in Chief Revista Uruguaya de Cardiologia^{ak} Editor in Chief Korean Circulation Journal^{al} Editor in Chief Hjerteforum

☆ This is a joint simultaneous publication initiative involving all interested National and Affiliated Cardiovascular Journals of the European Society of Cardiology. Peer review under responsibility of Egyptian Society of Cardiology.

^{am} Editor in Chief Heart News
^{an} Editor in Chief Cardiologisk Forum
^{ao} Editor in Chief Russian Journal of Cardiology
^{ap} Editor in Chief Anatolian Journal of Cardiology
^{aq} Editor in Chief Hellenic Journal of Cardiology
^{ar} Editor in Chief Archives of the Turkish Society of Cardiology
^{as} Editor in Chief Netherlands Heart Journal
^{at} Editor in Chief Cardiologia Hungarica
^{au} Editor in Chief European Heart Journal

ARTICLE INFO

Article history:
 Available online 23 May 2017

Keywords:
 Editorial ethics
 Scientific process
 Data sharing
 Clinical trial
 Trial registration
 Authorship

ABSTRACT

The International Committee of Medical Journal Editors (ICMJE) provides recommendations to improve the editorial standards and scientific quality of biomedical journals. These recommendations range from uniform technical requirements to more complex and elusive editorial issues including ethical aspects of the scientific process. Recently, registration of clinical trials, conflicts of interest disclosure, and new criteria for authorship –emphasizing the importance of responsibility and accountability–, have been proposed. Last year, a new editorial initiative to foster sharing of clinical trial data was launched. This review discusses this novel initiative with the aim of increasing awareness among readers, investigators, authors and editors belonging to the Editors' Network of the European Society of Cardiology.

© 2017 Production and hosting by Elsevier B.V. on behalf of Egyptian Society of Cardiology. This is an open access article under the CC BY-NC-ND license (<http://creativecommons.org/licenses/by-nc-nd/4.0/>).

1. Introduction

The Editors' Network of the European Society of Cardiology (ESC) is committed to promoting the implementation of high-quality editorial standards among ESC National Societies Cardiovascular Journals (NSCJ).^{1–4} NSCJ play a major role in disseminating high-quality scientific research. However, they also play a relevant role in education and harmonization of clinical practice.³ Most NSCJ are published in local languages, but many have English editions and have gained international scientific recognition.^{1–4} NSCJ well complement official ESC journals and, altogether, provide an effective means to disseminate European cardiovascular research. In a globalized and highly competitive editorial environment, promoting high quality editorial standards remains of paramount importance to increase the scientific prestige of NSCJ.^{1–4} From its conception, the Editors' Network strongly advocated for the adherence to the uniform recommendations of the International Committee of Medical Journal Editors (ICMJE).¹ In its mission statement document the Editors' Network committed to adapt NSCJ to follow these general editorial recommendations.¹ However, NSCJ are highly heterogeneous in scope and contents and these new recommendations should be embraced progressively, considering currently existing editorial policies and the editorial freedom of the NSCJ.^{1–4}

Ethical issues play a growing role in ensuring the credibility of the scientific process.^{5–13} Biomedical research relies on trust. However, transparency also represents a major tenet in the scientific process.^{5–8} This review will discuss the new editorial recommendations on data sharing issued by the ICMJE.¹⁴ Novel ICMJE recommendations always appear as provocative, and often as too ambitious, when initially presented. Moreover, implementation of editorial changes is rather demanding from a technical and logistical viewpoint. Adherence to novel editorial initiatives is challenging not only for editors, but also for the entire scientific community. Therefore, many Editors have a natural tendency to avoid stepping ahead as early adopters of new “editorial experiments” and usually prefer to keep moving within their comfort

zone until the “sea change” has matured.^{1–4} However, experience has taught us that all editorial initiatives developed by the ICMJE eventually prevailed and played a critical role in maintaining the credibility of the scientific process.^{9–13} Highly successful recent examples include trial registration, a conflict of interest initiative and the new requirements for authorship.^{9–13}

The novel ICMJE recommendations on data sharing¹⁴ are discussed herein from a didactic perspective with the aim to provide new editorial insights and, hopefully, to be progressively adopted and implemented by the NSCJ.

2. Sharing clinical trial data: the new ICMJE proposal

The ICMJE considers that there is a moral obligation to responsibly share the data generated by clinical trials.¹⁴ The rationale underlying this global endeavor is that patients have assumed a risk by accepting to participate in a trial. Accordingly, making the obtained data publicly available represents a responsible initiative to facilitate the advancement of science. Sharing the data would increase trust in the conclusions reached by trials. Indeed, data sharing allows confirmation of the results by independent research.¹⁴ Furthermore, new hypotheses may be pursued by different groups of investigators. This initiative may foster the leveraging of data to answer different research questions not contemplated in the original study. If science becomes an open process, then many researchers would benefit by taking advantage of reliable data generated somewhere else. Therefore, data sharing emerges as the best way to ensure that all the information gathered by trials is made freely and widely available, so that it can be readily used to advance scientific knowledge.¹⁴ The use of previously collected data to further advance science is difficult to criticize. As discussed, this honors the volunteerism of the patients who signed up and consented to participate in a trial.

Governments, funding agencies, scientific societies, the industry and even the lay society growingly demand sharing clinical trial data. Therefore, the ICMJE suggests that editors should help to meet this ethical obligation by devising new editorial policies specifically addressing this issue.¹⁴ Proponents of “open science” should be pleased by this new editorial requirement of sharing clinical trial data.¹⁴

* Corresponding author at: Department of Cardiology, Hospital Universitario de La Princesa, Instituto de Investigación sanitaria IIS-IP, Universidad Autónoma de Madrid, C/ Diego de León 62, Madrid 28006, Spain.

E-mail address: falf@hotmail.com (F. Alfonso).

Download English Version:

<https://daneshyari.com/en/article/5601747>

Download Persian Version:

<https://daneshyari.com/article/5601747>

[Daneshyari.com](https://daneshyari.com)