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Editorial

Need for standardized evidence-based in trauma care report

Since medical science is a kind of empirical discipline, the main purposes of biomedical journals are to publish the up-to-date convincing clinical investigations from medical personnel, and to recommend the findings to more clinical practitioners. These publications are often presented by form of case report, case-control study, cohort study, retrospective study, prospective study, and even meta-analysis, etc. With the soaring number of clinical researches reported in recent years, how to analyze and summarize these clinical research experiences from a higher level, and how to introduce the valuable information to more medical workers in a more efficient and effective way, have become important issues for concern among clinical science researchers and biomedical journals. Therefore, due to the value of clinical literature research (such as evidence-based research, meta-analysis, etc.) in guiding clinical practice, it has attracted widespread attention in the world.

A high-quality evidence-based research report or a meta-analysis do have significant reference value for clinical practice. However, with the increasing number of related articles published, journal editors and reviewers (including statistician) found that many of the authors did not really understand or master evidence-based medical research or meta-analysis, so that obvious defects are existing in these reports, especially in aspects of literature research wideness and depth, data acquisition accuracy, and how to reduce or prevent data analysis bias, etc. Particularly, the defects or deficiencies are obvious in the submissions of evidence-based medical research and meta-analysis in the trauma field.

Given the above challenges, our journal – *Chinese Journal of Traumatology* and *Journal of Evidence-Based Medicine*, jointly

published an article entitled *Publishing clinical prActive GuidelinEs (PAGE): recommendations from editors and reviewers*, written by experts with background of evidence-based medicine research and clinical evidence-based medicine experiment design, from Lanzhou University, Chinese Medical Association Publishing House, Peking University Clinical Research Institute, China-Japan Friendship Hospital, Chinese Academy of Medical Sciences, National Clinical Research Center for Respiratory Diseases, Fudan University, Children's Hospital of Chongqing Medical University, the Third People's Hospital of Shenzhen, Sichuan University and World Health Organization Collaborating Centre for Guideline Implementation and Knowledge Translation.

This article identified the problems existing in the current clinical practice and analyzed those problems one by one, and tried to provide valuable reference for clinical practitioner. It is hoped that publication of this article will be helpful for readers in the implementation of clinical practice for trauma patients.

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