Tunisie Médicale 2009-2025: A Shift Toward Evidence-Based Medicine and the Empowerment of Young Scientists

Tunisie Médicale 2009-2025 : un tournant vers la médecine fondée sur les preuves et la formation des jeunes chercheurs

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In January 2010, the editorial team of Tunisie Médicale (1,2) asked itself the question, "What was the situation of Tunisie Médicale in December 2009?" After reviewing the literature on scientific publication rules and medical journal evaluation criteria, the following decisions were made: Tunisie Médicale must 1) continue to be published regularly, 2) publish in English, 3) comply with the Vancouver Convention standards, 4) reduce the number of clinical cases, and 5) add good SYSTEMATIC reviews of the literature that take into account the rules of Evidence-Based Medicine.

In practice, the instructions to authors were redrafted in accordance with Vancouver standards (ICMJE rules). According to PubMed, between 2009 and 2025, 1,806 articles in English were published, or 106 articles per year (an average of 10 articles per issue). However, case reports have decreased slightly from 1,354 before 2009 to 1,063, a total decrease of 291 articles. At the same time, between 2009 and 2025, 52 randomized trials, 45 systematic reviews, and six meta-analyses were published, which is still a low number. Faced with this situation, the current editorial team, under the direction of LZ, has organized meetings with our young researchers to produce systematic reviews with or without meta-analyses using a methodology that meets international standards, with the sole aim of making them more productive and encouraging them to move beyond being consumers.

This issue of Tunisie Médicale has reserved a place for the topic of literature review methodology. In practice, seven systematic reviews without meta-meta-analysis and four systematic reviews with meta-analyses have been published. These systematic reviews, which used correct methodology (3), covered neonatology, cardiology, pulmonology, rheumatology, anesthesia and intensive care, and psychiatry. Here is a stimulus, created for the first time, intended to encourage our young people to become data producers.

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