Letters to the Editor
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Authors’ response: Letter to the Editor concerning OCRA as preferred method in ISO standards on biomechanical risk factors

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We thank Drs. Colombini and Occhipinti for their personal reply to our Discussion Paper (1, 2). We share the overall goal of preventing workplace injuries and welcome a discussion of the ISO process on workplace ergonomics standards; this was the primary aim of the Discussion Paper. We hope that other members of the relevant ISO working groups will also participate in the discussion.

However, Drs. Colombini and Occhipinti misinterpret our paper. Our aim was not to “addresses the scientific basis of ISO standards on biomechanical risk factors and more specifically the OCRA methodology”. The purpose was to point out that “while the ISO process has value, it has also clear limitations when it comes to developing occupational health and safety standards that should be based on scientific principles”. It is true that our paper discussed the OCRA method, but only as an example, in a single paragraph. We noted that the OCRA method was promoted as the preferred method by the ISO working group even though there were other risk assessment methods which, at the time (and currently), were at least as scientifically valid (3). The discovery that, while on the ISO working group, Drs. Colombini and Occhipinti elevated the risk assessment method that they developed (OCRA) over the other methods, demonstrates one of several limitations of the ISO process, namely, the lack of attention to conflict of interest.

Finally, we would like to draw attention to the note by Drs. Colombini and Occhipinti that “the ISO standards in question were actually developed by the working group, as mandated by ISO, over the period 2000–2004”. This long-elapsed time, without an update to the standard, should be a concern for all scientists given the large quantity of quality scientific literature published since then (eg, 3–6). Fourteen years is well beyond what is recommended in the ISO guidelines.

References


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