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Letters to the editor

MAFLD vs. MASLD: Consensus is unlike evidence!

We read with interest the study by Pan *et al*., demonstrating that metabolic dysfunction associated fatty liver disease (MAFLD) is superior to metabolic dysfunction associated steatotic liver disease (MASLD) in identifying individuals at risk of chronic kidney disease [1]. The study extends recent similar findings showed that MAFLD is better than MASLD identifying metabolic dysfunction, hepatic and extra-hepatic outcomes [2-4].

These findings beg an interesting question, why the MASLD definition, which came second after MAFLD, failed to provide a conceptual advance. Although the actual causes may be not clear, a key obvious cause is consensus is unlike evidence. The MASLD proposal is grounded on a questionnaire of personal views that might be heavily compounded by various types of conflict of interests and could be influenced by the view of few but vocal participants in this consensus process. Additionally, it is crucial to realise scientific truth is about evidence not consensus alone and in many circumstances the expert opinions turned to be not the same as evidence-based data [5]. A recent analysis of over a hundred consensus demonstrates that the rigor of statement development in consensus statements is less than one-third of that of evidence-based guidelines [6].

Notably, when the metabolic dysfunction associated fatty liver disease (MAFLD) revolutionary proposal was introduced [7,8], the opponents raised multiple concerns. One of the key concerns that was raised by Moreno *et al*., on behalf of the EASL Consortium for the Study of Alcohol-related LiVer disease in Europe (SALVE) that in a patient satisfying criteria for MAFLD but with another risk factor including alcohol intake, the term "dual-aetiology fatty liver disease" [9]. They went very heavily to suggest that this would lead to separating individuals exposed to alcohol consumption into two categories (ALD for individuals with normal weight and dual etiology fatty liver disease for overweight or obese individuals) and that patients satisfying metabolic risk criteria would no longer be recorded as having ALD. This could lead to overlooking the importance of the amount of alcohol consumption on fibrosis and the importance of reductions in alcohol consumption to outcomes and could impact the funding of alcohol research [9].

However, the MAFLD proposal dealt carefully with these aspects by suggesting "dual-etiology" as a "concept" and not a "term". This concept encompasses patients with MAFLD and ALD as well as those of MAFLD with other aetiologies as chronic hepatitis B or C. [10] However, the fundamental and logic question where these concerns went with the proposal of "metALD" that introduced an actual term not just a concept? This term separates patients with ALD, with the vast majority of ALD patients would now be labelled as MetALD.

Similarly, we recently raised concerns on how the change of F to S from fatty to steatotic addressed all concerns that were raised in the popular editorial that was published raising doubts on the potential negative impact of the premature change from NAFLD to MAFLD on various aspects including epidemiology, noninvasive score performance and clinical trials [11]. It is not clear why suddenly the premature became mature [12].

Another striking example, I bet every researcher in the field who submitted a manuscript over the last few years using the MAFLD term has encountered comment that "you cannot use MAFLD to describe data generated under the NAFLD term". Therefore, again how it became not only OK but encouraged and sometimes forced to use data generated under the NAFLD term using the MASLD term.

In total, "You can hide memories, but you can't erase history that produced them". Let the evidence not opinion guide our path, as unbiased evidence is a self-fulfilling guarantee that the evidence will not be affected by conflicts of interest. More studies as the current study [1] are required to generate evidence-based recommendations.

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YF and EK were involved in the conceptualization, and writing the original draft while All authors revised the original draft, added comments, and approved the final draft.

Declaration of competing interest

The authors have nothing to disclose.

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