

# Review of: "Italian Position Paper (SIPMO-SICMF) on Medication-Related Osteonecrosis of the Jaw (MRONJ)"

Sandra R. Torres<sup>1</sup>

<sup>1</sup> Universidade Federal do Rio de Janeiro

**Potential competing interests:** No potential competing interests to declare.

Thank you for the invitation to review the article "Italian Position Paper (SIPMO-SICMF) on Medication-Related Osteonecrosis of the Jaw (MRONJ)". It is a well written comprehensive review that is going to be useful as clinicians' guidelines. However, there are few points that need to be addressed, in some parts of the article, as suggested below.

## Epidemiology

MRONJ is not a notifiable condition in most of the countries. This way, underreporting is frequent and may lead to inaccurate incidence or prevalence rates. It would be important to have a comment on that.

## Table 2

Instead of "thickening of the inferior alveolar nerve canal", a better term would be "narrowing of the mandibular canal", because what happens in MRONJ is thickening of the "lamina dura" of the mandibular canal.

## Table 4

I suggest including "hypertension" to the list of systemic comorbidities.

## Predictive factors

I agree with authors that biomarkers cannot predict risk of developing MRONJ. However, local predictive factors like bony microarchitecture taken by fractal dimension of the trabecular bone and mandibular cortical width may represent useful tools.

## Prophylactic drug holiday

Authors report "the lack of evidence supporting the scientific validity of prophylactic BP discontinuation (drug holiday) prior

to oral surgical procedures including tooth extraction.” But then, spend the rest of the section detailing the different timing for drug withdraw, including a table (Table 6). Maybe these data should be removed or reported as empirical.

#### Table 7

Disinfectants are used on nonliving surfaces. I suggest substituting “oral disinfectants” for “oral antiseptics”

I also suggest substituting the term “bone density”, along the text, because densitometry is not available in most of the cases.