

Review of: "Magnesium and Longevity"

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This is a very complete and interesting review about the link between magnesium and different longevity-related parameters. As strong points, this review encompasses very different aspects of this relationship, with experimental data to support the ideas.

In order to provide improvement to the text, these are my suggestions:

1. Different lines are exposed to support the idea of why hypomagnesemia aggravates or increases the rate of diseases that may shorten life expectancy. However, some of these ideas are not supported by studies with a high quality of evidence (observational studies). Although I understand that evidence in this field is difficult to achieve, I suggest stating this fact as a limitation of the study.
2. In section "Therapeutic Interventions," there is no mention of clinical trials supporting whether increasing levels of magnesium in the general population is linked with any of the increased-life-expectancy related parameters. I suggest mentioning if no such studies have been done, also as a limitation.
3. The excessive use of acronyms makes the reading of the text very difficult. I suggest at least not using them in the subtitles (IV. AhR; V. HDL-C; VI. HRV) and considering reducing the number of acronyms used.