

Peer Review

# Review of: "L-Type Calcium Channel Blockers, Extrapyramidal Symptoms, and Delirium: A Systematic Review of Case Reports"

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Dear Editor,

Thank you for giving me the opportunity to review this manuscript. Please find below my general comments and suggestions.

## General comments

The paper is a classic review of case reports describing side effects of calcium channel blockers. The methodology is good, the manuscript is well written, and the topic is of interest.

- The number of cases is small, but the authors acknowledge this limitation, and a small number of cases is not surprising for the description of side effects.
- The pharmacological vocabulary used is relevant.
- The discussion contains both pharmaco-physiopathological hypotheses and a targeted literature review.

## Suggestions

- Several arguments support the imputability of the treatment in the occurrence of neurological side effects. These are stated throughout the article without there being a conclusion on this imputability. I suggest inserting such a conclusion before the "limitation" part, with the notions of pathophysiological hypothesis, temporality, de-challenge, re-challenge, and dose.
- I appreciate the mention of the Weber effect in the "limitations" part; you can cite:

- Weber, JCP. *Epidemiology of adverse reactions to nonsteroidal antiinflammatory drugs*. *Adv Inflam Res* 1984; 6: 1–7
- Wallenstein EJ, Fife D. *Temporal patterns of NSAID spontaneous adverse event reports: the Weber effect revisited*. *Drug Saf*. 2001;24(3):233–7. doi: 10.2165/00002018-200124030-00006. PMID: 11347725.

Overall, this work will be useful to many pharmacists and doctors; I must congratulate the authors.

With best regards,

Dr. Richard DESCAMPS

## **Declarations**

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