

Peer Review File

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Reviewer A

This is a fine editorial drawing attention to the risks of cerebrovascular and cardiovascular events in elderly patients with pHPT, and the benefit of parathyroidectomy in these patients. The possible role of AI is intriguing - and you could even expand on this further.

Done

Otherwise, just minor editing change:

Page 1, line 25 - "excluded form this study", should be "from", not form

Done.

Reviewer B

This is a well written editorial and should be of interest to readers of Gland Surgery. My one question is about the title which seems incorrect. The current title is: Hypercalcemia from Primary Hypercalcemia: an accelerator of atherosclerotic diseases.

I think it should be: Hypercalcemia from Primary Hyperparathyroidism: an accelerator of atherosclerotic diseases.

Requested title change was made.

Reviewer C

This is an Editorial about the link between PHPT and cardiovascular events.

Indeed, PHPT apart from the classical complications (skeleton and kidney) also has a nonclassical target, such as cardiovascular aspects. Indeed, the debate nowadays is whether or not to insert these aspects into the surgical recommendation for parathyroidectomy. However, to date, there are no definitive conclusions on this topic.

By the way, the Editorial offers the role to focus on this aspect and also to potentially drive further research in this direction.

Arising points:

-I suggest changing the title to "Hypercalcemia from Primary Hyperparathyroidism"

Done. See above response.

-Regarding cardiovascular complications, mention of aortic calcification in patients with primary hyperparathyroidism should be added (Pepe J, Eur J Endocrinol 2016).

Done