Reviewer’s report

Title: Total parathyroidectomy with trace amounts of parathyroid tissue autotransplantation as the treatment of choice for secondary hyperparathyroidism: A Single-Center Experience

Version: 3  Date: 17 January 2014

Reviewer: Cornelia Dotzenrath

Reviewer’s report:

Major compulsory revisions.

1. Transcervical thymectomy is part of the 3 standard procedures, at least you have to mention it in the discussion (p12).

2. Graft dependent hyperparathyroidism is not (!) extremely rare, it is 9.3% in the tominaga paper and we have similar data after more than 350 operations.

3. According to your manuscript you have no experience with removal of autografts. So how can you say that it is simple. Sometimes it can be necessary to remove a great part of the scm-muscle.

4. Tc-MIBI-SPECT/CT can hardly distinguish between graft dependent recurrence in the scm-muscle and a hyperplastic parathyroid remnant on the same side

5. As I told before, 25-Hydroxyvitamin D3 has is not relevant in secondary hyperparathyroidism.

Minor essential revisions:

Level of interest: An article of limited interest

Quality of written English: Needs some language corrections before being published

Statistical review: No, the manuscript does not need to be seen by a statistician.