Review of: "Hydroxyapatite coating techniques for Titanium Dental Implants — an overview"

Masahiro Yoshimura[1]

1 National Cheng Kung University

Potential competing interests: No potential competing interests to declare.

Dear Editor:

The present Reviews "Hydoxyapatite coating techniques for Titaninum Dental Implants - an overview" is an interesting story thus looks to be published anyhow, however the following points should be noticed.

1. The author, (single name) Arati Sharma's backgrounds have not seen in the articles: his/her name has not included in any References (total 62), thus difficult to evaluate the author.
2. In this regard, The reviewer must do review the description according to the author. It seems to be reasonable as for dental Implants because Recent papers and reviews till (2022) have been cited.
3. However, Recently used techniques like PVD, spray coating, pulsed laser Deposition, etc required a very expensive equipment and consume very high energies. Even though electrochemical deposition, sol-gel coating requires multi-steps high temperature firing, thus costed energitically and environmentally.
4. Just recently, on this regard, an interesting review, CH Huang and M. Yoshimura, "Biocompatible hydroxyapatite ceramic coating on titanium alloys by
   electrochemical methods via Growing Integration Layers [GIL] strategy:
   A review" has been published (under publication, on-line January 23, 2023), Ceramics International. It includes ealier history of Hydroxyapatite Ceramics and its coating on Ti alloys.
5. After leading and refering this article, the present review will be more improved with new insites.

Attached file: An article available on line Jan. 23, 2023

Reviewer: Masahiro Yoshimura Feb. 27, 2023