

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

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

It is an interesting subject and the author presents different techniques for using hydroxyapatite coating for titanium dental implants. However, there are some points that should be addressed in the overview:

- A comparison among the coating thickness, morphology and roughness produced by these techniques- by an example- is mandatory to give an idea about the coating features and its effect on the osseointegration process.
- Sol-gel technique produces a thin coating, but the coating thickness can be controlled by the number of dip coating cycles.
- Author should provide more information or details about the advantages and disadvantages of each coating technique.
- Author did not mention which technique is superior regarding bioactivity i.e apatite forming ability in simulated body fluid and whether each technique requires post-heat treatment or not.