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Special Topic Articles

Lecture Note

Saloon

Cover

Calcium phosphate layer deposited from simulated body fluid on (a) untreated and (b) nitrided titanium alloy. Here, the nitride surface was formed by atmospheric-pressure plasma jet. Although the surface morphologies seem analogous, the latter sample exhibits more rapid layer growth than the former. This result implies the potential of atmospheric-pressure plasma nitriding to improve the hard-tissue compatibility of titanium alloy. (Ryuji SANNOMIYA *et al.,* Plasma and Fusion Research, Vol.13, 1306120 (2018) http://www.jspf.or.jp/)

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