



SDI Review Form 1.6

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	2014_BJAST_15679
Title of the Manuscript:	RESEARCH OF IMPLANTS COATING STRUCTURE AND DURABILITY
Type of the Article	

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

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PART 1: Review Comments

	Reviewer's comment	Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<u>Compulsory</u> REVISION comments	Review the next paragraph: However, this coating also wore considerably after 10 000 cycles. Line 64 change zirconium by zirconium oxide or zirconia. Line 79 To include the conditions by sputtering for Co-Cr-Mo, Co+TiO₂, Zr and ZrO₂ coatings. Line 102 Enhanced the figure No.1 Line 104 Figure 1 delete "Stand of the experiment: " Line 107 and 108 define clearly "stand" This is a specific fixture? Line 164 Delete table No.1 the information was included in the lines 155 to 161. Line 189 and above define clearly what means the word "wore". Line 203 TO include XRD pattern for corroborated the crystallinity and crystal size.	I have corrected the manuscript. This is a tensioning equipment with a special device. I have corrected the conclusion. I have deleted this sentence "It was found that the coatings obtained were nanocrystalline".
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments	The manuscript should be thoroughly reviewed by the authors, include details of wear, adhesion, thickness and biocompatibility.	