



Biological response to common surface bearings used in orthopaedics.

Submitted by Emmanuel Lemoine on Tue, 06/10/2014 - 11:21

Titre	Biological response to common surface bearings used in orthopaedics.
Type de publication	Article de revue
Auteur	Mabilleau, Guillaume [1], Pandit, Hemant [2], Jinnah, RH [3], Sabokbar, Afsie [4]
Editeur	Data Trace Publishing Company
Type	Article scientifique dans une revue à comité de lecture
Année	2008
Langue	Anglais
Date	2008
Numéro	1
Pagination	34 - 39
Volume	17
Titre de la revue	Journal of surgical orthopaedic advances
ISSN	1548-825X
Mots-clés	info:mesh/Ceramics [5], info:mesh/Chromosome Aberrations [6], info:mesh/Humans [7], info:mesh/Joint Prosthesis [8], info:mesh/Metals [9], info:mesh/Prosthesis Design [10]
Résumé en anglais	<p>Wear particles are the most important cause of aseptic loosening of orthopaedic devices. To reduce the amount of particles generated from the conventional metal-on-polyethylene system, alternative bearings have been introduced. However, there are some concerns about so-called "adverse reactions" to these bearing surfaces. Despite an apparent longevity, metal particles and metal ions released from the prosthesis can induce a series of adverse reactions. The purpose of this review is to provide the readers an up-to-date overview of the literature on the biological responses to different bearing surfaces with particular reference to metal-on-metal bearings and the local and systemic effect of metal ions.</p>
URL de la notice	http://okina.univ-angers.fr/publications/ua3288 [11]
Lien vers le document	http://europepmc.org/abstract/MED/18284902 [12]

Liens

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