



SDI Review Form 1.6

Journal Name:	Journal of Advances in Medical and Pharmaceutical Sciences
Manuscript Number:	Ms_JAMPS_42283
Title of the Manuscript:	The Atraumatic Metatarsal Fracture: A Clinical Sign of Bisphosphonate-Associated Bone Fragility
Type of the Article	Review Paper

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. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

PART 1: Review Comments

	Reviewer's comment	Author's comment (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)
<u>Compulsory</u> REVISION comments		
<u>Minor</u> REVISION comments	This paper is an important red flag. In practice administering anti-resorptive medications such as bisphosphonate or other derivatives can dramatically transform the phenotype of the bone from being osteoporotic into osteopetrotic (i.e from low BMD to high BMD standards). When this high BMD readings has been approached, the vast majority of orthopedic surgeons or physicians believe, they had achieved something great by ameliorating the health status of osteoporotic children/adults ! In fact, what they achieved is adding a new pathology to the bones! Bones must be "FLEXIBLE" (i.e capable to deform to allow energy absorption during impact loading). If bones are not sufficiently flexible the force imposed on it will cause cracks and fractures, since it lost the main criteria of absorbing additional force when loaded, which is flexibility (i.e establishing bone rigidity instead of strengthening). The main goal of management of patients with osteoporosis cannot be achieved unless "Individualistic clinical assessment "has been done. Throwing all patients in one basket is a real harm to medicine and to public health.	We agree with everything this perceptive reviewer says. This is the theme of all our offerings in this field. There is no evidence whatsoever that BMD is a measure of bone strength and the risk of induction of bone brittleness at high densities is very real. In this case this process is manifest in the delicate metatarsal bones. We thank the reviewer for the support and clear description of the mechanism which leads to these sorts of complications We made ALL of the changes, without exception. However, you will see that this substantially altered the paper, as new abbreviations and several new references were introduced. All the new material is indicated by yellow highlighting, but the deleted material was so great that a manuscript containing both the deletions marked and the new changes made the paper very cumbersome and difficult to read..
<u>Optional/General</u> comments		