Reviewer’s report

Title: A role for subchondral bone changes in the process of osteoarthritis; a micro-CT study of two canine models.

Version: 2 Date: 2 January 2008

Reviewer: David Holdsworth

Reviewer’s report:

Summary:

This Research Article describes an investigation of subchondral bone changes in two canine models of OA. Micro-CT and histology are used to investigate bone architecture and cartilage histology. Significant differences are observed between the #groove# and #ACLX# models in the dog.

This revision appears to address the major comments of both reviewers. I have only a few additional minor changes to suggest, as follows:

Major Compulsory Revisions:

none

Minor Essential Revisions:

1/ Background, page 4: third line from the bottom, replace #explained by the type model used# with #explained by the type of model used# [add #of#]

2/ Discussion, page 15: line 5: replace #in the ACLT model reached with up to 20%...# with #in the ACLT model were larger, with up to 20%...#

Discretionary Revisions:

None

Recommendation:

Accept after minor essential revisions (which the authors can be trusted to make)

Level of interest:

An article of importance in its field

Quality of written English:

Acceptable.

Statistical review:
No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests.