Reviewer's report

Title: Regeneration of Bones in Hip Osteonecrosis and Cartilage in Knee Osteoarthritis with Autologous Adipose Tissue-derived Stem Cells in Human - a series of case reports

Version: 6 Date: 15 March 2011

Reviewer: Joseph Orgel

Which of the following following best describes what type of case report this is?: Other

If other, please specify:
Report of emerging disease treatment therapy

Has the case been reported coherently?: Yes

Is the case report authentic?: Yes

Is the case report ethical?: Yes

Is there any missing information that you think must be added before publication?: Yes

Is this case worth reporting?: Yes

Is the case report persuasive?: Yes

Does the case report have explanatory value?: Yes

Does the case report have diagnostic value?: No

Will the case report make a difference to clinical practice?: Yes

Is the anonymity of the patient protected?: Yes

Comments to authors:

I appreciate the authors response, as I do the value of the report itself. I have one point of clarification still to be resolved and apologize that perhaps this was not clearer the first time:

"Can they also provide a rational for the use of this single enzyme? I added a reference #12 as a rationale."
Reference 12 shows that a similar procedure for the exact same enzyme was used before. It does not establish the rational, the reason, for using this single enzyme. It is not obvious to me why a bacterial collagenase treatment is even necessary, or if it is - why and why not a cocktail of enzymes to prepare the cells that may strip out other extracellular matrix components. I feel this point is a useful observation to justify the protocol and / or perhaps in future refine the protocol.

Quality of written English: Acceptable

Declaration of competing interests:

Please see previous comments for first review. I do not feel that I have competing interests.