Reviewer's report

Title: Vitamin D in health and disease: Current perspectives

Version: 1 Date: 13 September 2009

Reviewer: Katharine Wallis

Reviewer's report:

Major compulsory revisions:

p.11 Disease prevention - rickets should be discussed and is not.
p12. Diabetes - type 1 and type 2 diabetes should be differentiated and handled separately as they are quite different problems in terms of aetiology etc.

Minor Essential Revisions:

Spelling mistakes: p.4 line 9 'researches', p.9 line 13 'can leads', 'the incidences of falls', p.9 line 'in recent year suggests'

Sentences that don't make sense: p.7 line 21 'the more difficulty it is for the skin of getting burned', p.9 lines 6-8 'Therefore, whether ... further investigated', p.10 'vitamin D supplementation is required to boost vitamin D'.

'Choice of wavelength' p7. - an additional major concern of using UVB to boost vitamin D that is not discussed, but perhaps should be, is skin cancer.

'Vitamin D intake in different conditions' p.8 - add references for 'role of vitamin D in reducing risks of ... cancer'etc.

p.10 'Malabsorption' chapter talks mainly about bone mineral density and so would be better placed either under 'causes of vit D deficiency' or under 'osteoporosis'

Discretionary revisions:

Consider discussing in greater depth policies to prevent vitamin D deficiency through fortification of food, given the widespread nature of the problem and the potential benefit of such policies.

Level of interest: An article of importance in its field

Quality of written English: Needs some language corrections before being published

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.