Reviewer’s report

Title: Osseous metaplasia in a Traditional serrated adenoma of the sigmoid colon. A Case Report.

Version: 3 Date: 18 December 2011

Reviewer: Manuel Rodriguez-Justo

Which of the following following best describes what type of case report this is?: Unexpected or unusual presentations of a disease

If other, please specify:

Unusual morphological finding of no clinical significance in a well defined disease

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?: No

Is the case report persuasive?: No

Does the case report have explanatory value?: No

Does the case report have diagnostic value?: No

Will the case report make a difference to clinical practice?: No

Is the anonymity of the patient protected?: Yes

Comments to authors:

The authors described the presence of focal osseous metaplasia in a serrated adenoma in the sigmoid. As the authors claim this phenomenon is rare with less than 100 case reports described in the literature. However in the previous cases reported the osseous metaplasia occurs within the stroma / core of the polyp which is in concordance with current hypothesis of metaplasia of undifferentiated stromal cells into osteoblasts to form bone. What is of some interest in this case is that the only focus of OM is within a lymphatic
vessel (not clear from the microscopic figures submitted) and the authors fail to explain why the bone is within a lymphatic channel and not in the stroma. It might be possible that this represents in fact a bone fragment emboli -as frequently seen in lymphatic in lungs in patients following surgery, trauma or surgery- rather than osseous metaplasia

**Quality of written English:** Acceptable

**Declaration of competing interests:**

The reviewer declares that he has no competing interest