Reviewer’s report

Title: Congenital bipartite lunate presenting as a misdiagnosed lunate fracture: a case report

Version: 1 Date: 1 June 2010

Reviewer: Ajay Gupta

Which of the following best describes what type of case report this is?: Unexpected or unusual presentations of a 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?: No

Is this case worth reporting?: Yes

Is the case report persuasive?: No

Does the case report have explanatory value?: No

Does the case report have diagnostic value?: Yes

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

Is the anonymity of the patient protected?: Yes

Comments to authors:

General remarks-
The language needs to be improved. Sentences at many places have incomplete information. For example, in abstract- “Radiograph (of the wrist joint) in the emergency department demonstrated a lunate that was divided into palmar and dorsal parts”

Specific Remarks-
What made the authors diagnose the patient with undisplaced fracture of the scaphoid? The lateral radiograph does show a irregular and segmental appearance of the pisiform bone. There also appears to be an undisplaced fracture of the base of the second metacarpal bone. These need to be
substantiated on the subsequent imaging modalities.

The triquetrum ordinarily articulates with the dorsal part of the lunate. It may be worth demonstrating if the so appearing deivation in the sagittal plane of the lunate was dorsal, through or ventral to the triquetrolunate articulation.

The lunate appears to be in DISI configuration. Does it have any relevance with the discovered pathology or is just a normal variation?

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