Reviewer’s report

Title: A Rare Variant of Superficial Ulnar Artery, and its clinical implications: Case Report

Version: 3 Date: 10 August 2007

Reviewer: Jaya Jayasinghe

I am familiar with the literature and believe that this case meets one of the 7 criteria for evaluation in the journal: An unexpected event in the course of observing or treating a patient

Has the case been reported coherently?: Yes

Is the case report authentic?: 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

Comments to authors:

General

This case report is worth reporting as vascular anomalies occurring in common surgical sites tend to increase the likelihood of damage during surgery and other clinical procedures.

Revisions necessary for publication

The embryological explanation given in the text is incomplete. The angiogenetic sprouting theory described in many of the embryological texts has been challenged by recent work (see- M. Rodriguez-Niedenfuhr et.al. J. Anat (2001) 199, pp407-417). One alternative theory is, arterial variations may be explained on the basis of modification of the normal pattern of capillary maintenance and regression. Such developments should be mentioned if this paragraph to be included in the report.

There are few typographical errors.
1. Line 2, paragraph 2 of the Discussion - Reference 2 has been cited in
superscript.
2. Letter C in the Figure 1 is barely visible.
3. Legend for the Figure 2 has a spelling mistake (interrociuous).
4. References 5 and 12 - Article titles not included.
5. Contribution of the last author (KS) not included.

**What next?:** Accept after minor revisions

**Quality of written English:** Acceptable