Reviewer's report

Title: Classification and outcome of different treatment in gluteal muscle contracture in children

Version: 3 Date: 25 November 2008

Reviewer: Rei Ogawa

Reviewer's report:

This paper is well written, but need some revisions are needed to be published.

1. Initials of middle/first name of referred name should be removed; Valderrama JAF reported # Valderrama reported

2. In the discussion section, the topics should be reorganized as follows;
   a. Pathological feature of GMC
   b. Treatment strategy of Level I
   Authors should describe what they could know from the results in table 3 and 4. I believe that table 3 and 4 are an evidence of selection of treatment methods. Authors should describe interpretations of these results.
   c. Treatment strategy of Level II
   d. Treatment strategy of Level III
   e. Perspective views on future studies on GMC

3. Authors used a classification “type 1, 2 and 3” in Table 1, but not used in Table 2, 3 and 4. Authors should remove the description regarding type 1,2 and 3 in Table 1 or, they should use them in Table 2, 3 and 4.

4. Authors should make an another table of “recommendation of treatment strategy” according to their classification Level I, II and III. This will the key table of this paper.

5. Authors should reorganize and prepare figures as follows;
   a. Case of Level I (two figures; appearance of gluteal region and functional view)
   b. Case of Level II (two figures; appearance of gluteal region and functional view)
   c. Case of Level III (two figures; appearance of gluteal region and functional view)
      * These photographs should be the same anatomical position and appearance.
   d. intraoperative view (one figure)
   e. postoperative hypertrophic scars (one figure)

6. In the text and caption of figure 7, they mentioned “keloid”. However, this
should be changed to “hypertrophic scars or keloids”. I believe that scars on many cases are hypertrophic scars not keloids.

7. There are some misspelling of English. Please check entire text again.

**Level of interest**: An article of importance in its field

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

**Statistical review**: Yes, but I do not feel adequately qualified to assess the statistics.