Reviewer's report

Title: Growth factor-enriched autologous plasma improves wound healing after surgical debridement in odontogenic necrotizing fasciitis: a case report

Version: 3 Date: 21 January 2010

Reviewer: Joseph Alsousou

Which of the following best describes what type of case report this is?: Other

If other, please specify:

a new application of established therapy

Has the case been reported coherently?: Yes

Is the case report authentic?: No

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?: Yes

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?: Yes

Is the anonymity of the patient protected?: Yes

Comments to authors:

it seems that the authors have not distinguish between GF enriched plasma and Platelet Rich plasma (PRP). The methods used to prepare the plasma seems to be a method for PRP. the authors did not use any GF filtering technique to enrich the plasma. It seems that they simply produced Platelet rich plasma in low concentration. It is well known that GF present in the platelet dense granules and are only released when the platelets are activated. It will be very misleading to readers if the authors did not clarify the product they have used.
Also it is not clear how they have applied the PRP on the wound, did they use spray, swap, or applied it directly, in which case they will need large amount of PRP to cover the size of the wound.

PRP was applied 8 times every three days: there is no reference to justify this method. Did they bleed the patient 8 times every three days?

I also note that the patient had low platelet count (78) which could be a contraindication for platelet rich plasma use. did the author consider this?

using PRP to accelerate wound healing is extensively reported in the medical literature. I am not sure about the originality of this method

**Quality of written English:** Acceptable

**Declaration of competing interests:**

I declare that I have no competing interests