Reviewer's report

Title: The accuracy of a designed software for automated localization of craniofacial landmarks on CBCT images

Version: 3 Date: 30 July 2014

Reviewer: Bassam Hassan

Reviewer's report:

Comments to reviewers:

General impression: There is no doubt that the quality of the manuscript has significantly improved. However, CBCT cephalometric analysis remains a sticky subject with few in its favor while most, for good reasons, are against it. The costs, the added radiation and the hustle of interpreting large volume CBCT scan remain quite valid obstacles. Having said that, this manuscript does in fact present the clinical application of a novel registration technique to match CBCT datasets. This by itself is important and significant and perhaps the application of the principle axis registration would extend to other domains in dentistry as well. I read the manuscript by Naw Chit Too June and I have to admit, while the math was beyond me, I was impressed by the applicability and the versatility of their proposed algorithm. I therefore have no reservation in recommending the paper in its present form for publication. Few minor corrections are still required and I do believe that the manuscript need to be proofread (language-wise) once more.

Intro:

Line 97: Plane -> Plain. Same line, please remove “unobstructed perspectives”.

M&M:

Line 150: Remained -> Remaining

Line 167: Age was between 10-43 but on line 157 it says 10-45

Line 172: KVP -> kVp

Line 209: Hasan -> Hassan

Discussion:

Line 302: Were 6 or 14 landmarks manually detected?

Line 320: Hasan -> Hassan

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Needs some language corrections before being
Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:
I have no competing interests.