

Specific Comments To Authors:

1. HS is very common after surgery. Unlike keloid, HS can be well controlled by timely postoperative scar management. Even if HS occurs, various therapeutic measures are very effective, including local injection of drugs, dot-matrix laser combined drugs, external application of drugs, compression and tension reduction, etc. So the findings of this report are not attractive.

Unfortunately there are many treatments which do not give acceptable results and we found this combination to be working.

2. The introduction of pharmacological effects of JASC is not detailed enough. Is there any high-quality clinical evaluation article after marketing. There is insufficient basis for the promotion of individual case reports. In fact, plant extracts produce allergy is very common, allergic people should pay special attention to the external application of this kind of drugs.

The individual components have been studied and there is ample reports in the literature indicating good results in scar prevention without allergic reactions. JASC is know extracts + silicone which works.

3. Please update the references, which from the more recent years are more recommended.

References are updated.

#### 4. Please check the references.

### Checked and Updated

#### Reviewer 2

The authors reported a method with a new type of anti scar cream in post operation hypertrophic scar treatment. In their case report, a satisfactory result was achieved. This is a good news for the patients who face the same problem. My questions for the authors are the following.

1, please make it clear that the first operation was carried out in the right knee.

Yes it was carried out on the right knee.

2, Figure 4 might be the picture of 12 weeks after surgery, not 6 weeks. It will be better if the authors can provide the picture of 6 months or more after surgery.

Figure 4 was at 12 weeks and not 6 weeks. Patient is for follow up.

3, Abbreviation of JASC and JUMI is quite confusion. Please provide their complete definition or give necessary explanation.

JASC is the abbreviation of JUMI anti scar cream.

4, Please provide the detailed component of the cream.

a combination of silicone gel and with Phyto-Extracts (Centella asiatica extract, Curcuma Longa, Lavender Oil, Marshmallow, Musa Paradisiaca, Pineapple extract, Tea Tree Oil)

5, Tension is an important factor to influence scar formation. Please make it clear if there are some other differences in post operation wound nursing between the two sides such as limb immobilization.

(The subcutaneous layer was closed using 2/0 vicryl and skin with Covidiean Appose Single use skin Stapler 710 Medtronic Parkway Minneapolis, MN 55432 United States ). Standard rehabilitation hospital protocol after TKR was followed after both the surgeries.