Reviewer's report

Title: Couple-kissing flaps for successful repair of severe sacral pressure ulcers in frail elderly patients

Version: 0 Date: 10 Sep 2017

Reviewer: efraim jaul

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A few comments in the Patients and Methods

1. In order to decide which patient is eligible for this procedure, I see unclear what does "unsuitability" mean? All of these patients are immobile, bedridden and frail, so how to know which ones are suitable? The term "unsuitability" ought to be clarified and explained in detail. I would suggest low hemoglobin levels and albumin levels, high level white blood cells and other inflammatory markers. Comorbidities such as diabetes with target organ complication, severe vascular disease, Parkinson's disease or dementia are some of the details I would like to see specified as unsuitability. Do they prevent us from referring a patient for the procedure? Imaging of the sacrum could be indicating osteomyelitis - would such a patient be eligible for the procedure?

In summary, I would like to see clear criteria for inclusion and exclusion.

2. In addition, which "supportive therapeutic treatment" does the authors recommend? is nutritional support mandatory? By oral or even by tubes? Which other therapeutic modalities are required? Prophylactic antibiotic? Any dressing? Repositioning the patient every 2 hours?

3. Another critical point I would like clarified is, how does the flap heal in a bedridden, immobile patient? What measures are needed in order to promote healing in such a patient after the procedure?

4. The article suggests radical debridement prior to the procedure, and I agree to this. However, in a patient with osteomyelitis, how can we debride the ulcer when we are already at the bone level?
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