

# Superabsorber as donor site bandage ??

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## Purpose of testing:

To investigate whether a super-absorbent bandage can:

- handle secretion from a donor site as estimated to one change without leakage
- be easily removed and does not adhere to the wound bed
- be removed without causing pain to the patient
- degree of maceration in the surroundings of the donor site

## Method:

Testing of the super-absorbent bandage, where patients are included consecutively as admitted to our Wound Healing Center.

Data was collected on paper-sheets

All donor sites were located on either right or left thigh

Pain-levels were measured before and after the bandage was removed from the donor site by VAS score (0-10)

## Criteria:

- Admitted for split skin graft
- Talks and understands the (Danish) language
- Oral consent
- Is able to cooperate

## Results:

10 patients were tested in the period from December 2012 to July 2013.

Age: 59-90 years (median 77 years). Men / woman: 50/50%

The bandage was changed on day 5-10 (median 9 days) and did not adhere to the wound bed on the donor site in 9 out of 10 patients.

The only occasion where the bandage did adhere to the wound bed was the one patient who had the bandage changed after five days.

6 out of 10 patients had a VAS score on 0 when the bandage was removed from the donor site.

1 patient had a VAS score on 7, this patient had the bandage changed after 5 days.

Patient nr 1 had the bandage changed on day 9 as the bandage was saturated.

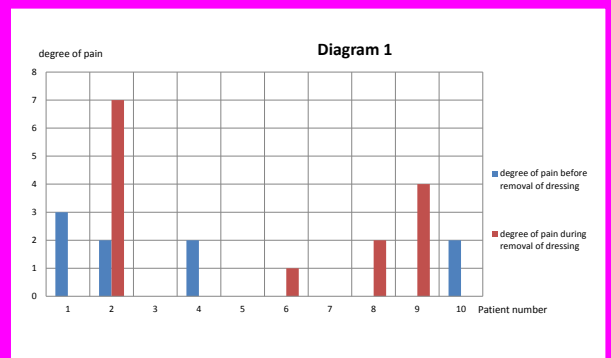
The next patient had the bandage changed on day 5 due to that we were uncertain how much the bandage could absorb.

Patient nr 6 also had the bandage changed on day 5 as the bandage was saturated.

In the rest of the cases the bandage did handle the secretion very well.

There was no maceration in the surroundings of the donor site.

Patient number	Gender	Age	Days before first dressing change	Did the dressing adhere to the wound bed
1	Female	67	9	no
2	Female	87	5	yes
3	Male	77	10	no
4	Male	59	10	no
5	Female	80	10	no
6	Female	68	5	no
7	Female	90	9	no
8	Male	82	7	no
9	Male	65	9	no
10	Male	77	9	no



## Conclusion:

Both patients and staff find the super-absorbent bandage a relevant alternative to a conventional donor-bandage (alginate and foam).

The bandage is easy to handle, it handles the secretion in a satisfactory way, it does not adhere to the wound bed and causes almost no pain.