

A CLINICAL EVALUATION OF THE TREATMENT OF PATIENTS WITH ULCERS USING A NEW ACRYLIC GEL COATED TRANSPARENT DRESSING

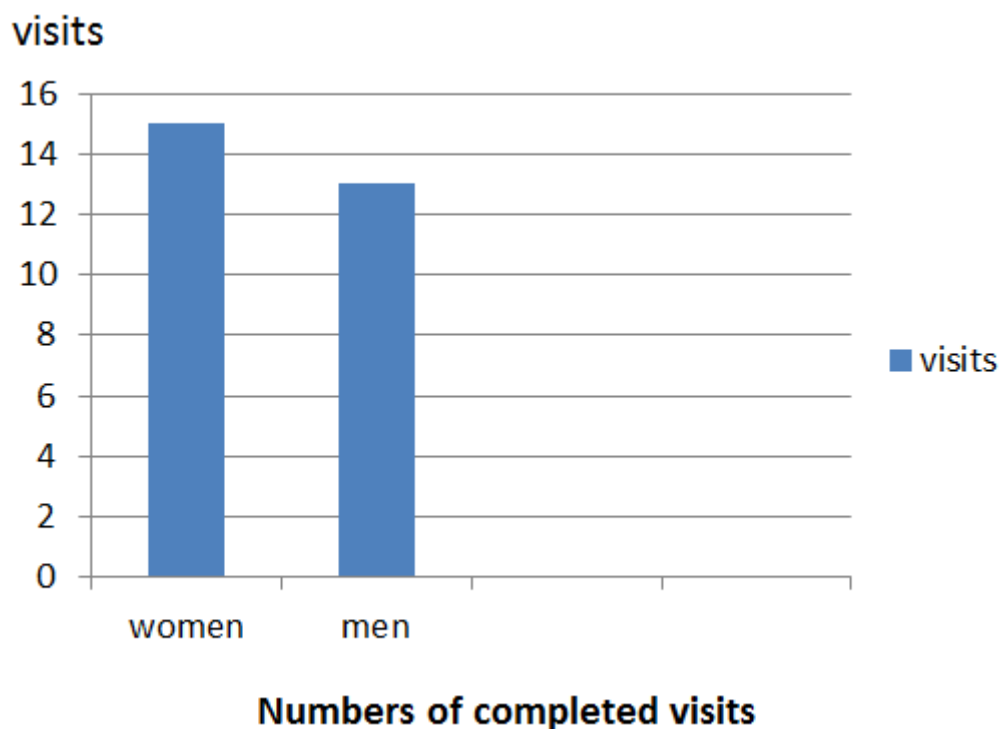
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Aim: This paper presents the results of a clinical evaluation of patients with ulcers of different genesis who were treated by a new patient friendly transparent dressing coated with acrylic gel as secondary wound dressing.

Methods: Inclusion criteria were patients with age above sixty years with ulcers of different genesis. The acrylic gel coated transparent dressing* was used as secondary dressing in combination with a hydroactive wound treatment for longer than two weeks. The area of ulcers had to show no signs of irritation, maceration, dermatitis or infection before the first application. The maximum application duration per patient was three months. Wound inspections were performed approximately every four weeks. During visits wound bed status, the surrounding area of the wound and pain during dressing changes were evaluated including a photo at the beginning and at the end of the trial.

Statistics: From 29th October 2010 to 18th March 2011 12 patients (6 women, 6 men; drop out rate: 2 women) completed 28 visits (women: 15 visits, men: 13 visits; not including visits of dropped out patients)



On an average each patient completed 2,8 visits up to now.

Genesis of wounds was very different (vascular, post-surgical, post-traumatic, diabetic).

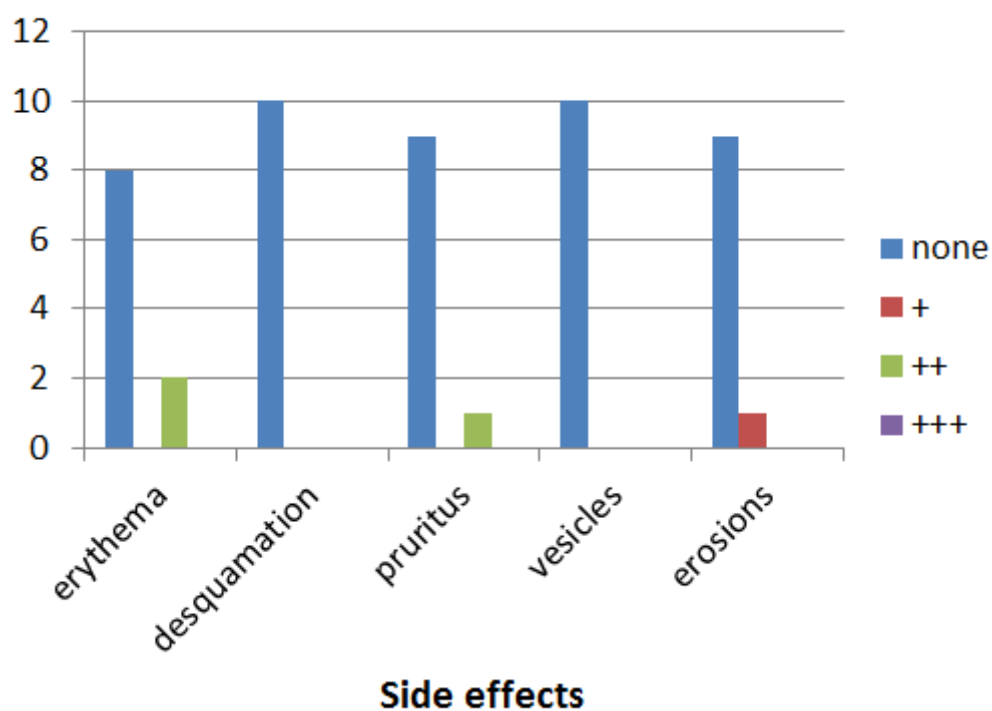
As primary wound dressings were used hydrobalancing dressings (7 patients), foams (2 patients) and dressings for interactive wet treatment (1 patient).

9 patients changed dressings 3 times a week, only 1 patient changed dressing daily.

As side effects 2 patients showed erythemas in merging areas (++), 1 patient reported moderate pruritus (++) and 1 patient had some tiny erosions (+) after having pulled off the

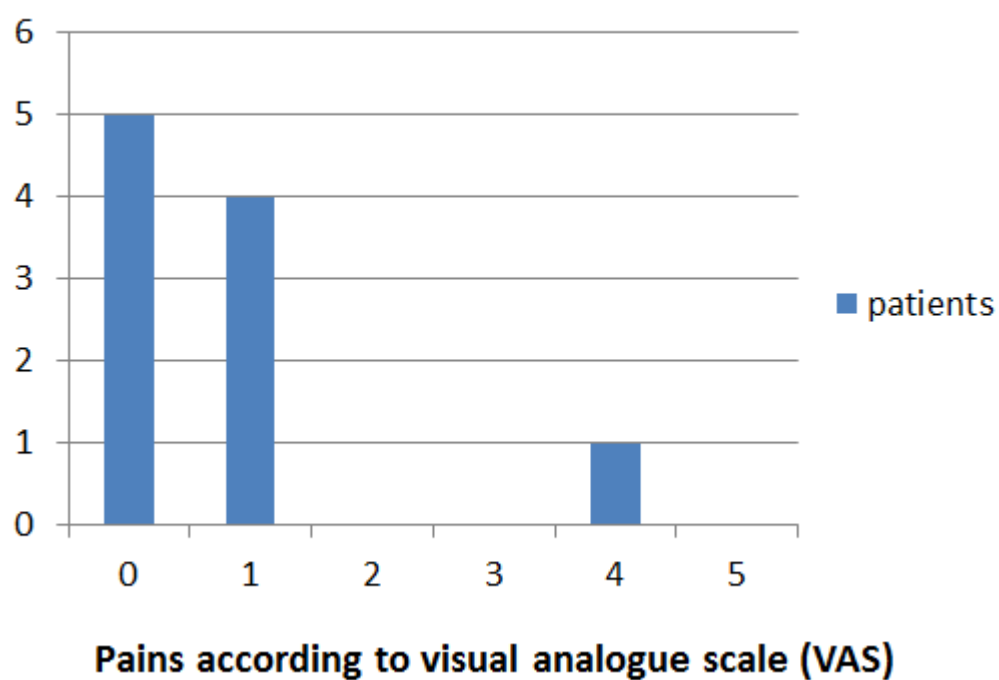
tested dressing. Other side effects such as desquamations or vesicles were not shown or reported.

patients

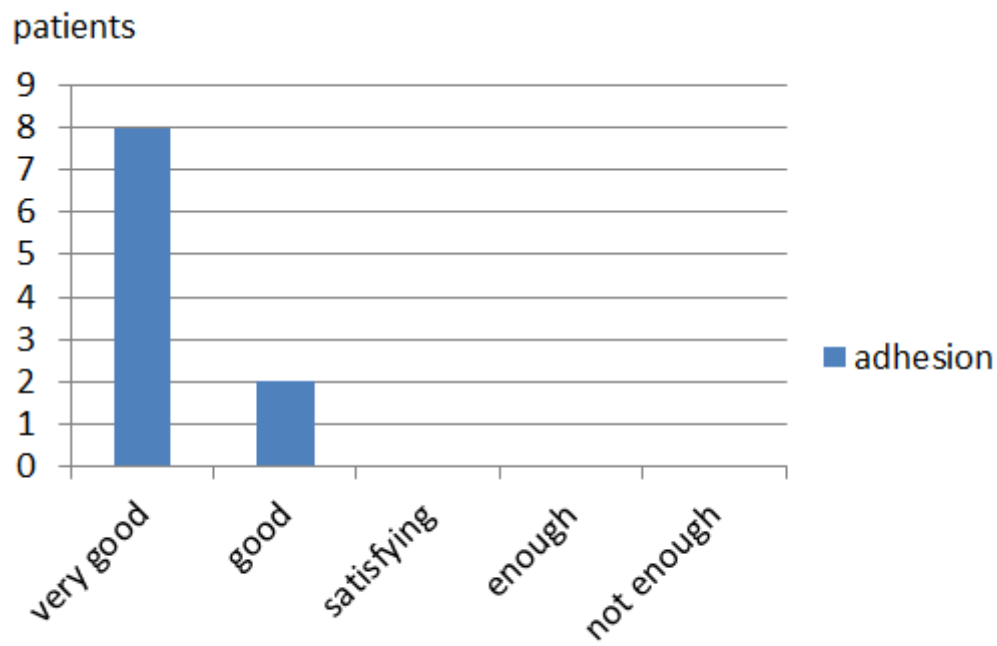


9 patients (5 patients VAS 0, 4 patients VAS 1 = 90 %) reported no or very low pains pulling off the dressing, only 1 patient specified more pains appropriating VAS 4.

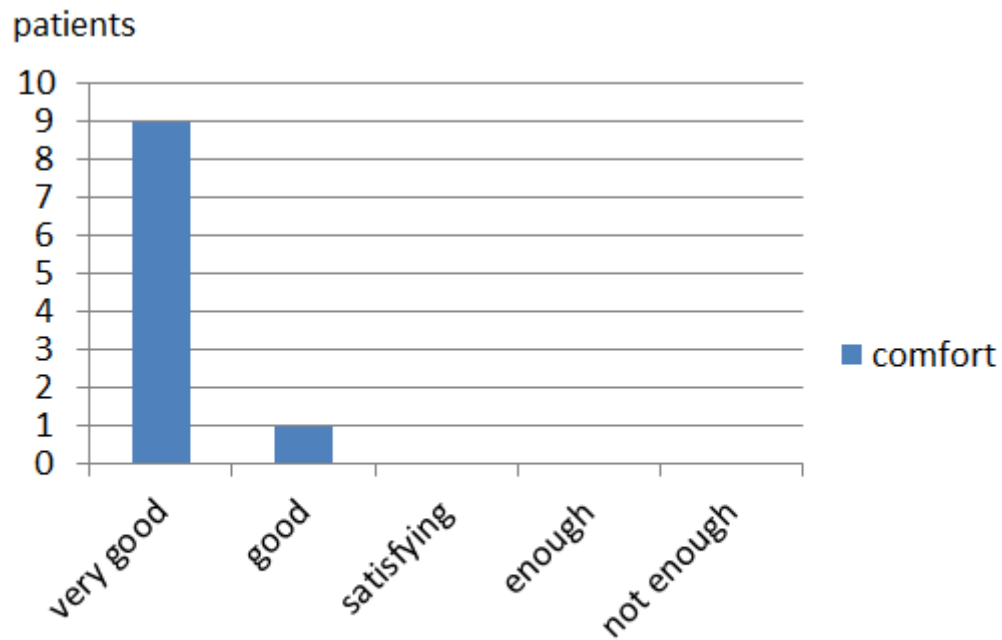
patients



Adhesion was reported as very good (8 patients) or good (2 patients), comfort was reported as very good (9 patients) or good (1 patient).



Adhesion of tested dressing



Comfort of tested dressing

Results: The treatment was started on the 29th October 2010 and an intermediate evaluation was done on the 18th March 2011, but the trial is still going on. At the moment there are 12 patients included (6 male, 6 female) of whom 2 dropped out (2 female). Desquamation and vesicles weren't noticed at any visit. Just 1 patient mentioned pruritus; erythema in merging areas was reported in 2 patients and erosions in 1 patient. Pain was evaluated by the visual analogue scale (VAS) which didn't exist or was very low in 9 patients when pulling off the dressing.

Conclusion: To date the dressing is well tolerated by the patients. They report very good adhesion especially during showering, great comfort and pain-free removal. There are nearly no alterations and injuries particularly on skin of patients with senile skin atrophy.







*Xtrata®, product of Nitto Denko Corporation