THE USE OF POLYMERIC MEMBRANE DRESSINGS* ON A LARGE VARIETY OF DIFFERENT WOUNDS IN A SURGICAL SETTING

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INTRODUCTION
Falun Hospital is a county hospital covering 250,000 inhabitants. By initiative of the chief surgeon a part time wound clinic opened in one of the surgical wards 2005. The main goal of the clinic was to let the nurses take care of the wounds in order to offload the surgeons. Today the clinic has evolved to work in a multidisciplinary fashion.

A variety of patient groups are treated at the wound clinic today. We see many different types of wounds. Our patients are usually referred to wound clinic arrive via surgical departments after discharge, from the ER or other health clinics.

AIM
To standardize wound care treatment at our surgical department by consistency with dressing material and follow-up with the same personnel.

METHOD
About a year ago we started to use Polymeric membrane dressings* (PMDs) on our most challenging cases. PMDs contain a surfactant, glycerin and a super absorbent starch. These ingredients work synergistically to draw and concentrate the body’s natural healing substances into the wound bed to promote rapid healing whilst continuously cleansing the wound.

Apart from our own surgical cases, most patients are acute referrals. Examples of wounds are post-op complications, burns, pressure ulcers, traumatic injuries and skin-grafts.

PMD is applied at the first consultation depending on the type of wound. If possible the patient or community nurse change the dressing at home and promote rapid healing whilst continuously cleansing the wound.

Our PMD evaluation covered 11 patients with a variety of different wound types. Apart from the 6 cases described below we also treated 4 pressure ulcers and a severe sunburn. We saw rapid cleansing as well as healthy granulation formation in all of these cases. As mentioned earlier, follow-up until complete closure was often not possible since the patients or their district nurses took over the wound care once the healing progressed.

RESULTS
We saw an improvement of all wounds. The cleansing and debridement action of PMD was very effective leading to faster granulation formation. Unfortunately we couldn’t follow all the evaluated 11 cases until total closure as the patients were often taken over by the community nurse or themselves once the wounds started to improve but we were very satisfied with the results we could follow.

DISCUSSION
We found the polymeric membrane dressings very easy to handle as visual indicators show when it is time to change and the wound doesn’t need additional cleansing. Due to this the patients found it easy to manage the dressing changes themselves which freed time and resources from the clinic and health care professionals as well as the patients themselves. Unfortunately the assortment of dressings varies between the municipality and county which can lead to a lack of consistency. Not all our patients were able to continue with these dressings once they were taken over by their local hospital.

*PolyMem® Dressings with and without Silver. Manufactured by Ferris Mfg, 5133 Northeast Parkway, Fort Worth, TX 76106, USA. Ferris Mfg. contributed to this poster design and presentation.