

THE TREATMENT OF SPOKE INJURIES AMONGST YOUNG CHILDREN

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Aim: A case study of 11 cases using hydrobalance PHMB amongst young children with a spoke injury to decrease hospital visits and to make the treatment child friendly.

Methods: 11 children (average age 5 years old) were treated with Hydrobalance and foam bandage. The standard procedure was 1 day silversulfadiazine and then hydrobalance PHMB covered with a foam bandage fixated with a cork splint. The hydrobalance PHMB then is let to dry, like the effect of a donor site, and the pieces that let go were cut off. During the research time the patient was inspected every 3 days and the hydrobalance was left intact.

Results: No wound infection because of antiseptics in the hydrobalance. In all cases the Hydrobalance dried and no change of bandages was necessary which results into less hospital visitations. Because no pain sensation occurred during the change of bandages the experience was less traumatic for child and parent. After 1½ weeks surface epithelialisation occurred.

Conclusions:

- Child friendly (bandages are changed only twice)
- Rapid healing, no pain
- Cost effective, less hospital visits
- Hydrobalance-PHMB has a surplus value in the treatment protocol for spoke injuries.