Royal Brisbane and Women's Hospital, Occupational Therapy

Duoderm® Eye Splint for Lower Eyelid Contracture

The Duoderm® eye splint helps to prevent or correct mild skin contractures / deformity (ectropion) after a burn injury. The splint can be worn under compression garments.



Eye Splint Pattern

Using eye tracing to raw patterns as shown below, and cut out splint from Duoderm $\ensuremath{\mathbb{B}}$ thin or Comfee $\ensuremath{\mathbb{R}}$.



What are the wearing instructions?

1) Remove backing and apply bottom piece (1) first, ensuring splint is positioned just below the bottom eye lashes. To do this, secure Duoderm ® at inner eye and stretch it toward the outer eye ensuring a good upward pull on bottom lid. Try to avoid contact with the tear duct on the inner side of the eye (reposition if your eyes become 'moist/watery').



2) Close or gently pull upper eyelid shut and apply the upper piece (2). This should be positioned under the eyebrow and above the eyelid crease. Ensure that the bottom (1) and top (2) piece overlap on the inner and outer corners of your eye (as shown by the shading in picture A).



What are the wearing instructions?



Regime:

Pieces 1 & 2: 24 hours, or as advised otherwise by your Occupational Therapist

Piece 3: Overnight only

When do I replace Duoderm ®:

Replace every 3-5 days or if Duoderm ® becomes less sticky (excessive sweating may increase need for early replacement)

Precautions:

- Do not apply over broken skin or wounds
- Remove Duoderm® and contact your Occupational Therapist if any of the following develop:
 - o Redness or rash
 - o Increased itching or pain
 - o Skin maceration (wrinkled and white)
 - o Blistered looking skin

Please contact your Occupational Therapist if you have any queries or concerns.

Occupational Therapist:

Phone: (07) 3646 7100