

PROCEDURE:

Application of DERMANET® Wound Contact Layer Dressing

PURPOSE: Provides protection for fragile wound site from trauma of dressing changes. Pain-free dressing removal.

OUTCOME: Non-traumatic dressing changes. Skin integrity improved/maintained.

ASSESSMENT/INDICATIONS:

Burns: Application of topical ointments or protection of granulating wounds.
Chronic Wounds: Can be used to cover and protect shallow wounds (Stage I or II) or to line deep Wounds, (Stage III of IV) prior to packing with powders, pastes, granules or other packing materials.

PLANNING/MATERIALS NEEDED:

Burns:

Saline as needed – for non-toxic cleansing

Topical agent of choice – to treat wound

Dermanet – to protect the surface of the wound

Cover dressing (e.g. Sofisorb Absorbent Wound Dressing) to absorb drainage

Stretch Net Tubular Elastic Dressing Retainer, Roll Gauze or tape to secure dressings

Chronic Wounds – Shallow (Stage I or II):

Saline as needed for non-toxic cleansing

Dermanet to protect the surface of the wound

the Cover dressing (e.g. Covaderm Plus Adhesive Barrier Wound Dressing, or Sofisorb) to absorb drainage

Stretch Net, Roll Gauze or tape to secure non-adhesive dressings

Chronic Wounds – Deep (Stage III or IV):

Saline as needed – for non-toxic cleansing

Dermanet to line the wound before packing

Filler dressing (e.g. powders, pastes, granules) to pack wound

Cover dressing (e.g. Covaderm Plus, Sofisorb) to absorb drainage

Stretch Net, Roll Gauze or tape to secure non-adhesive dressings

IMPLEMENTATION/PROCEDURE:

Burns:

1. If necessary, cleanse wound (i.e. flush with saline or other non-irritating solution).
2. Apply topical agent to **Dermanet** (if desired, cut to size) and apply to wound
3. Apply cover dressing
4. Secure in place with Stretch Net, Roll Gauze, or tape
5. To remove dressing, gently lift **Dermanet** from wound. Irrigation can be performed through **Dermanet** dressing and facilitates dressing removal

Chronic Wounds – Shallow (Stage I or II):

1. If necessary, cleanse wound (i.e. flush with saline or other non-irritating solution).
2. Apply **Dermanet** to wound
3. Apply cover dressing
4. To remove dressing, gently lift **Dermanet** from wound. Irrigation can be performed through **Dermanet** dressing and facilitates dressing removal

Chronic Wounds – Deep (Stage III or IV):

1. If necessary, cleanse wound (i.e. flush with saline or other non-irritating solution).
2. Line wound cavity with **Dermanet** and extend beyond wound edges
3. Pack wound with filler dressing
4. Apply cover dressing
5. Secure in place with Stretch Net, Roll Gauze, or tape
6. To remove dressing gently lift **Dermanet** from wound. Irrigation can be performed through **Dermanet** dressing and facilitates dressing removal

EVALUATION:

Pain-free dressing removal, topical agent remains in contact with the wound, skin integrity is maintained or improved.

NOTE: Local wound care cannot overcome the deficits of unrelieved malnutrition, pressure or trauma, or compromised blood flow. Interventions must be instituted to reduce/relieve these factors that contribute to impaired wound healing in order to achieve the optimum outcome.

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