

# CHILD HEALTH SKIN REACTION MANAGEMENT PATHWAY

1. Assess type of skin reaction
  - History of skin allergies
  - Skin reaction observed following dressing removal
  - On chemotherapy or have history of chemotherapy
2. Ensure Cavilon® no sting barrier skin protectant has been used
3. Monitor site closely
4. Accurately document change in the skin integrity

Skin Reacted?

2.
  1. **Discontinue chlorhexidine 2% with alcohol 70%** skin antiseptis
  2. **Replace** with alcohol 70% to clean the insertion site
  3. Continue to use SorbaVeiw shield for PICCs
  4. Mepore Film for Port-a-caths and Hickman
  5. Consider an oral non-sedating antihistamine for pruritus or apply an ice pack to the area over the dressing area to cool the skin

Still Reacting?

3.
  1. Discontinue **alcohol 70%** skin antiseptis.
  2. Consider povidone-iodine. PVP-I \*(alcohol free)  
**\* BEFORE using PVP-I ensure a skin patch test is carried out for sensitivity (Read patch 48 hours following application)**  
**Do not use if positive skin reaction to PVP-I.**
    - Use the alternative 0.9% sodium chloride -**10mL sterile single use amp**
    - **Discontinue** current dressing used and document brand name
    - If skin reaction occurs apply 1% hydrocortisone cream (one application only) to area and **dress with sterile gauze secured with silicone tape**
    - Assess site at 24 hours. If reaction has settled introduce occlusive dressing
    - **Introduce dressing as listed in numerical order of effectiveness refer Box 4**
    - Daily assessment and documentation of skin integrity

Recommended dressing

4.
  1. **SorbaVeiw 2000 SV-40XT-6 for PICC's Oracle code: 294109**
  2. **Mepitel Film** with silicone tape to secure edges for Hickman and Port-a-Cath
  3. **Sterile gauze** secured with silicone tape (*use following application of hydrocortisone cream - refer box 3-point c as above*)  
**3M Kind silicone tape 2.5cm x 5m Oracle code: 300182**
  4. **Sterile Webcol wipes 70% Isopropyl-Alcohol Oracle code: 259123**  
**Maintain the same skin preparation regime as indicated in box 3**

Source: Kutzscher, L. (2012). Management of Irritant Contact Dermatitis and Peripherally Inserted Central Catheters. *Clinical Journal of Oncology Nursing*. Volume 16, Number 2.