# Watch Out for...

## NIV mask related pressure sores

Watch Out Notice: 08

Date: 30 July 2014

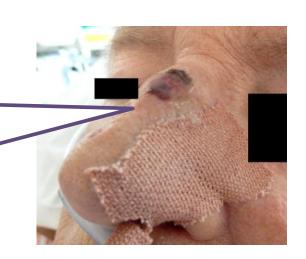
Produced By: Critical Care Governance Group

Authors: S Birkholzer, K Adeniji

## What Happened?

A patient developed a grade 3 pressure sore on the bridge of their nose after intermittent use of a **full face** non-invasive ventilation (NIV) mask.

This was changed to a **total face** mask and the sore began to heal.



### The Facts:

- NIV masks can cause pressure sores, especially on the bridge of the nose
- Sores can be prevented by:
  - Applying nasal skin protection
  - Using total face masks when tolerated
  - Ensuring masks are not too tight







Total Face Mask

#### **Protect Your Patients:**

- Use a strip of Aderma Dermal Pad to protect bridge of nose for all patients on NIV
- Assess the risk of pressure sores and use a total face mask where appropriate.
- Monitor mask leak to ensure optimal fitting:

Mask Leak	Fitting
0-10 l/min	Beware- may be too tight
11-30 l/min	Just right
31-60 l/min	Check fit and monitor leak
>60 l/min	Poor fit and/or too loose

