

for managing a flush ileostomy with loose output causing peristomal skin complications

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Background

- 77 year old lady with profound loss of hearing since 3 years old (measles).
- 2015: Brain infarction, which was only discovered in 2016.
- 2017: Colonic ileus leading to resection.
- Incidental small bowel tumour discovered during surgery requiring further resection and formation of ileostomy.
- Previous infarction caused facial paralysis leading to dysphagia.
- 2018: Tube feeding via Mi-Key Button, between 7:00am and 7:00pm.
- 100% tube feeding: every hour 100ml nutrition and 90ml water. Resulting in extremely loose effluent- 600-700ml/24 hours.
- Husband manages ostomy care.

Problems Experienced

- Weight gain post surgery from 33kg to 52kg has meant the stoma is flush to peristomal skin.
- In addition, fine skin folds around the stoma.
- Continual peristoma skin complications and infections plus hypergranulation was present.
- Attempted to prevent infection through use of ConvaTec Stomahesive paste and then Stomahesive seal.
- Leaks and infected peristomal skin remained.
- Daily changes due to constant leaks.

Nurse Advice

After trying both 1-piece and 2-piece pouches, paste, seals and even fixing strips to try and limit the problems experienced, **hypergranulation** and **sore peristomal skin** remained.

In August 2021, permission given by Kin van der Mass, Ostomy Consultant at the adboundumc to trial new eakin **freeseal**[®] air.

Before



After **3 and a half years** of search for a solution, eakin freeseal[®] had a **dramatic impact** on the stoma care for this lady.

Solution with eakin freeseal[®]

Skin: Skin irritation quickly reduced and finally disappeared. Leaks no longer occur and as such, her peristomal skin has completely healed and hypergranulation is no longer present.

Stoma Management: Just 1 pouch change every 2 days required with the pouch being emptied 3 - 4 times per day due to loose watery output.

Bigger Life: The lady feels secure using eakin freeseal and her husband is delighted that it is easy to use and adapts to fit the shape of her stoma - creating a secure stoma care routine.

Economic impact with eakin freeseal[®]

In this case, daily stoma care changes have reduced from 1 per day to once every 2 days. As a result:

Product usage has been reduced by **48%***

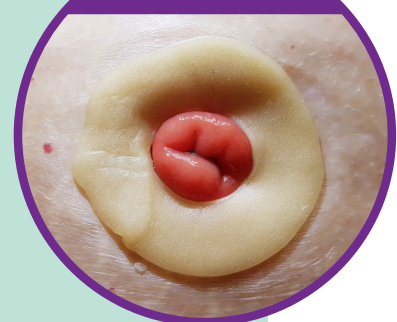
This indicates potential positive impacts including:

- reduced annual costs of ostomy product.
- no need for additional products to treat peristomal skin complications and hypergranulation.
- reduced nursing time required to treat ostomate's additional complications.
- a positive environmental impact of less ostomy product usage.

Plus, importantly, the **life changing quality of life benefits** for the lady herself.

*based on average usage of both pouch and seals detailed within this case study.

Solution



Improved Skin

