

Meeting User Needs with Secure and Comfortable Fit

Brooke Goldfinch, RN, STN, Western Australia, Australia

C

Abstract

Odour, leakage prevention, ease of use, and fear of people discovering that one has a stoma are critical concerns that people with ostomies frequently face.¹ This hierarchy of needs should be front of mind when selecting the appropriate product solution to address those concerns. This case study reflects the experience of a person where convexity was an important consideration due to the topography of her abdomen and where an innovative soft convex two-piece skin barrier offered a solution for success.

Background

The patient was a fifty-three-year-old married mother of two, who is from country Western Australia (WA). She developed a colo-vaginal fistula, which was impacting greatly on her quality of life, due to pain, discharge, and a decreased level of social confidence due to personal concerns regarding odour.

Surgical Interventions

After nine surgical attempts to repair the fistula had failed, she finally visited a colorectal surgeon who offered a de-functioning colostomy as an option. The patient agreed and had a loop colostomy created. The stoma, however, was flush to the peristomal skin with a corresponding dip of the abdomen, due to her body shape. Even though the patient was sited appropriately pre-operatively, her extra thick adipose tissue meant her stoma was under continuous tension, accentuating the uneven peristomal contours.

Nursing Interventions

Three products were selected by the Stomal Therapy Nurse (STN), to offer the patient a product that might best support her needs. This patient was given the opportunity to be involved in the decision-making processes regarding her care. The product selected was successful while in hospital, and no issues were identified prior to discharge. The patient was recently discharged to her home in a country town in WA that did not have direct stoma care nursing support in the area.

The patient experienced silent leakage issues, but due to her vigilance, skin damage was not too significant but early peristomal moisture associated skin damage (PMASD) was observed (See Figure 1). However, the fear of odour returned as the patient was 'hyper aware', from her previous issues from her colo-vaginal fistula. Faecal output was undermining the skin barrier, yet the patient detected this early, preventing leakage and irreparable skin damage. She contacted the STN via phone for assistance after she was unsuccessful in solving her problems at the outpatient follow-up in the country area.

A Hollister Adapt CeraRing™ convex barrier ring was chosen as a first-line solution, to use with her current product, to prevent the need of changing her entire pouching system (See Figure 2). While leakage was prevented, the base was lifting at the umbilicus however, causing the patient anxiety that leakage would occur. A more flexible solution was required. Her system was changed to the CeraPlus™ two-piece soft convex skin barrier* with adhesive border and an Adapt CeraRing (slim), to enhance the overall pouching system depth, and provide a flexible, yet reliable skin seal (See Figure 3). The adhesive border also moulded well to her contours and minimised edge lifting. Within the space of one week her skin was visibly improved (See Figure 4).



Figure 1 Mild PMASD observed with existing system



Figure 2 Hollister two-piece firm convex skin barrier with a convex barrier ring



Figure 3 CeraPlus™ soft convex skin barrier with an Adapt CeraRing flat ring (Slim)



Figure 4 Visibly improved skin after one week usage of the new pouching system

LEVEL OF EVIDENCE - CASE STUDY

Meeting User Needs with Secure and Comfortable Fit

Conclusion

The patient being a busy young mum needed a two-piece system to allow for ease of use and a very active lifestyle. The CeraPlus™ soft convex pouching system allowed the patient to greatly improve her quality of life by increasing her confidence that her pouching system not only would no longer leak but that people could not “smell her” whenever she was in company. The overall flexibility of the pouching system also provided a greater feeling of comfort while she was wearing it.



To learn more
about CeraPlus™
Products, click here
or scan the QR code



To visit the
Hollister website,
click here or scan
the QR code



To visit the Hollister
Clinical Education
Website, click here
or scan the QR code

References

1. Hollister Incorporated 2015, 'Ostomy Unmet Needs – US, EU & Japan', Data on file.



*Contains the Remois Technology of Alcare Co., Ltd.

Prior to use, be sure to read the Instructions for Use for information regarding Intended Use, Contraindications, Warnings, Precautions, and Instructions.

Disclaimer: This case study represents this nurse's experience in using the Hollister CeraPlus soft convex skin barrier with an Adapt CeraRing flat ring with the named patient, the exact results and experience will be unique and individual to each person.

Hollister, the Hollister logo, the Hollister Education logo, Adapt CeraRing, and CeraPlus are trademarks of Hollister Incorporated. All other trademarks and copyrights are the property of their respective owners. Not all products are CE marked.

© 2023 Hollister Incorporated.



Hollister Incorporated
2000 Hollister Drive,
Libertyville, Illinois 60048

www.hollister.com