

Convex Barrier Options

Convex barrier products have been utilised to help provide a secure and predictable seal. Product selection is made by matching stomal protrusion and peristomal contours to the appropriate barriers. The outward curving of the convex skin barrier is designed to interface with the immediate peristomal skin.

This interface depends not only on the depth, rigidity and gradient of the convex skin barrier, but also on the shape and rigidity of the abdominal wall. For example, a flexible convex barrier can bend and move with the body; a firm convex skin barrier does not bend, rather it remains rigid. Appropriate barrier choice is left to the clinician's assessment of the patient and knowledge of ostomy products.

Barrier Example

Possible Clinical Case Scenarios



Flat Skin Barrier



Flat Skin Barrier

- Flat peristomal plane
- Adequate stoma protrusion
- Centred stoma opening



Flat Skin Barrier with Round or Oval Convex Barrier Ring



Flexible Convexity

- Stoma flush with skin
- Uneven peristomal plane
- Firm abdomen



Integrated Soft Convex Barrier



Soft Convexity

- Gentle pressure required to peristomal plane
- Flush stoma
- Peristomal injury

Using Convexity

Barrier Example

Possible Clinical Case Scenarios



Integrated Convex Barrier



Firm Convexity

- Creases or folds in peristomal plane
- Off-centred stoma opening
- Stoma retracted below skin surface
- Soft abdomen



Integrated Convex Barrier with Round or Oval Convex Barrier Ring



Firm Convexity with More Depth

- Recessed or flush stoma
- Uneven abdominal contours
- Off-centred stoma opening

For product questions or sampling needs call:
Australia 1800 880 851
New Zealand 0800 678 669

1) J.C. Colwell, M.T. Goldberg, & J.E. Carmel (Eds). (2015). WOCN Society Core Curriculum Ostomy Management. Chapter 10. Philadelphia, PA: Wolters Kluwer.

2) Hoeflok, J et al. Use of convexity in ostomy care: A Comprehensive Review. JWOCN, January/February 2017.

Routine follow-up with your Stomal Therapy Nurse is recommended.

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

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