

The Continuum of Convex Barrier Options

Convex barrier products have been utilized 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
 <p data-bbox="435 806 667 842">Flat Skin Barrier</p>	 <p data-bbox="1166 741 1398 777">Flat Skin Barrier</p> <ul data-bbox="1166 789 1516 909" style="list-style-type: none"> • Flat peristomal plane • Adequate stoma protrusion • Centered stoma opening
 <p data-bbox="435 1031 760 1150">Flat Skin Barrier with Round or Oval Convex Barrier Ring</p>	 <p data-bbox="1166 1003 1430 1039">Flexible Convexity</p> <ul data-bbox="1166 1052 1524 1171" style="list-style-type: none"> • Stoma flush with skin • Uneven peristomal plane • Off-centered stoma opening
 <p data-bbox="435 1314 656 1388">Integrated Soft Convex Barrier</p>	 <p data-bbox="1166 1255 1382 1291">Soft Convexity</p> <ul data-bbox="1166 1304 1490 1444" style="list-style-type: none"> • Gentle pressure required to peristomal plane • Flush stoma • Peristomal injury
 <p data-bbox="435 1577 708 1650">Integrated Convex Barrier</p>	 <p data-bbox="1166 1514 1382 1549">Firm Convexity</p> <ul data-bbox="1166 1556 1520 1707" style="list-style-type: none"> • Creases or folds in peristomal plane • Off-centered stoma opening • Stoma retracted below skin surface
 <p data-bbox="435 1801 711 1944">Integrated Convex Barrier with Round or Oval Convex Barrier Ring</p>	 <p data-bbox="1166 1776 1463 1839">Firm Convexity with More Depth</p> <ul data-bbox="1166 1850 1524 1969" style="list-style-type: none"> • Recessed or flush stoma • Uneven abdominal contours • Off-centered stoma opening

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References:

- 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 JHoeflok, J et al. Use of convexity in ostomy care: Results of an International Consensus Meeting. JWOCN, January/February 2017

Routine follow-up with your healthcare professional 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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