



## Skin and Wound Product Information Sheet

<b>Skin IQ Microclimate Manager</b>	
<b>Classification</b>	<b>Moisture Transfer – Skin</b>
<b>Key Points</b>	<ul style="list-style-type: none"> <li>• Disposable single-use 6mm (1/4") thick, water-resistant vapor-permeable mattress cover which can be placed over top of a standard mattress or a pressure redistribution mattress</li> <li>• Designed to draw excess moisture away from the skin and helps maintain normal skin temperature</li> <li>• Has antimicrobial properties which helps with the control of bacteria and odor</li> <li>• Helps reduce shear and friction.</li> <li>• Cover is available for standard and bariatric mattresses</li> </ul>
<b>Indications</b>	<ul style="list-style-type: none"> <li>• Client who has or who is at risk for developing moisture-related skin damage or a pressure ulcer and who cannot tolerate a low air loss mattress or the low air loss mattress is not indicated (entrapment concerns)</li> <li>• Client with a Braden Moisture sub-scale score 3 or less and /or Braden Friction and Shear sub scale score 2 or less</li> <li>• Client who is febrile and has an increased risk of developing pressure ulcers or moisture related skin damage and who cannot tolerate a low air loss mattress or the low air loss mattress is not indicated (entrapment concerns)</li> <li>• Client with a heavily draining wound that requires multiple dressing changes and would benefit from a moisture managed micro-climate surface and who cannot tolerate a low air loss mattress or the low air loss mattress is not indicated (entrapment concerns)</li> <li>• The Skin IQ cover is designed for clients whose weight is less than 200kg (500lbs)</li> <li>• The Skin IQ 1000 cover is designed for clients whose weight is between 200-400kg (500-1000bs) and designed to fit a bariatric mattress</li> <li>• Client’s condition should require a Skin IQ surface for 5 days or greater</li> </ul>
<b>Precautions</b>	<ul style="list-style-type: none"> <li>• Client should have an indwelling urinary catheter or condom catheter(male) insitu if moisture associated skin damage is due to urinary incontinence</li> <li>• Client should have an indwelling fecal containment device, if moisture associated skin damage is due to fecal incontinence</li> <li>• If an underpad is needed, only an air-permeable underpad is to be used</li> <li>• Skin IQ surface does not provide pressure redistribution</li> </ul>
<b>Contraindications</b>	<ul style="list-style-type: none"> <li>• The client needing a brief or pull-up for incontinence as these will interfere with the effectiveness of the Skin IQ in the perineal area.</li> </ul>
<b>Formats &amp; Sizes</b>	<p>Package come with mattress cover, power unit(fan) and power cord:</p> <ul style="list-style-type: none"> <li>• Skin IQ cover (weight up to 200kg) is available in two mattress lengths:                             <ul style="list-style-type: none"> <li>○ 207.1cm x 91.5cm x 17.8cm (80”x 36”x 7”)</li> <li>○ 213.0cm x 91.5cm x17.8cm (84”x 36” x 7”)</li> </ul> </li> <li>• Skin IQ 1000 cover (weight bt 200-400kg) is available in two mattress lengths:                             <ul style="list-style-type: none"> <li>○ 207.1cm x 121.9cm x 17.8cm (80”x 48”x 7”)</li> <li>○ 213.0cm x 121.9cm x17.8cm (84”x 48 x 7”)</li> </ul> </li> </ul> <p>Can purchase cover and power unit/cord separately if needed</p>





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Application Directions	Rationale
<p>Determine which Skin IQ cover is needed for the client based on the client’s weight.</p> <p>Measure the length of bed to determine the correct cover size.</p> <p>Consult with Wound Clinician, Occupational Therapist or Physiotherapist to order the Skin IQ.</p>	
<b>To Apply</b>	
Remove all bed linen.	
<p>Lay the cover on the mattress ensuring that the Skin IQ name printed on the cover is positioned at the foot end of the bed. Pull cover over the mattress, tightly snug down the corners of the cover and smooth out any wrinkles.</p> <p>Secure power unit to bed frame and connect power cord to power unit; move power cord under bed.</p>	To reduce the risk of tripping over the power cord.
Connect power cord to wall outlet. Place hand over the motor, located at the end of the bed, to feel the fan vibration and listen for humming sound.	
Minimize layers between the client and the mattress for best effect.	Having the skin directly in contact with the cover provides the optimal benefit.
<b>Daily Care</b>	
<p>Ensure that mattress cover is lying smoothly under the client.</p> <p>Monitor the effectiveness of the device to manage the client’s moisture concern.</p>	
<b>Cleansing</b>	
Wipe clean with a mild soap/water at least every week and daily if soiled.	The Skin IQ overlay is not to go into the facility laundry.
<b>Frequency of Change/Discontinuation</b>	
<p>Therapy must be reassessed on a weekly basis and therapy discontinued when no longer required.</p> <p>Mattress cover should to be discarded after two months of use.</p>	Mattress cover could potentially last longer than 60 days - OT/PT/WC to assess condition of Skin IQ cover.
<b>To Remove</b>	
<p>Unplug power source and remove the Skin IQ cover from bed mattress.</p> <p>Cut the fan out of the overlay. Dispose of the cover and fan according to facilities procedures.</p>	The power supply and cord can be reused.
<b>Expected Outcome</b>	
<p>Client does not develop moisture-related skin damage or pressure ulcers.</p> <p>There is Improvement of moisture-related skin damage and pressure ulcers.</p>	
<b>For further information, please contact your Occupational Therapist, Physiotherapist or Wound Clinician.</b>	