

SUPPORT SURFACE CRITERIA FOR GOOD PATIENT POSITIONING

Requirement	Features Built into the EVOLUTION Positioners to fulfil requirements
Conform to bony prominence without resistance	The area under the bony prominence is open so there is no material offering a reaction to the patient hence putting pressure on the skin tissue and pressing it against the occipital bone.
Not have significant memory	The inner materials are specifically designed to have slow memory hence offering less resistance to the weight of the patients' body . The material can flow to equalise pressure and reduce pressure caused by memory.
Allow Patient immersion	The positioners close in on the patient as the patients' weight is applied to it. The centre of the positioner taking the patients weight deforms to allow the sides to move inward hence distributing the weight of the patient over a wider area . Basically, the weight is redistributed over the healthy skin tissue where there is less risk of pressure sore and nerve damage .
Not Bottom out	The closing in action combined with the ergonomic profile and pressure relieving materials act to prevent any risk of bottoming out . As there is no material under the bony prominence, the risk of bottoming out in this area is reduced to an absolute minimum.
Relieve Shear caused by movement	The closing in action acts as a cupping motion to close around the patients' body. The patient cannot move from side to side. This eliminates the risk of shear motion on the bony prominences and other body parts.
Prevent Skin maceration	Moisture will not build up around the bony prominence due to the fact that the material around these areas are cut away and air channels are incorporated in each side of the products to promote air circulation . This completely removes the risk of skin maceration . The disposable covers help to provide a breathable surface next to the patient's skin.
Provide Patient Comfort	The products are ergonomically designed to fit the patient as a conforming flexible profile without exerting undue upward pressure that can be uncomfortable. The positioners are available in a range of sizes to fit a wide variety of patients from small, medium and large patients. These products are available with disposable covers. These covers provide a comfortable feel to the positioners. They are made of a breathable fabric that absorbs moisture and hence helps keep the skin dry and free from excess moisture.



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EVOLUTION
 PATIENT POSITIONERS

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