

## **MEGA 2000® Patient Return Electrode and Forced Air Patient Transfer Systems**

We've had several questions regarding the use of the MEGA 2000 Patient Return Electrode System with forced air patient transfer systems such as HoverMatt® or Air Pal®. The MEGA 2000 system (MEGA 2000, MEGA 2000 Soft or MEGA 2000 Soft Dual Cord) can be used in procedures where forced air patient transfer systems are used.

The MEGA 2000 system is a safe, easy-to-use, cost effective alternative to sticky, disposable return electrodes. In accordance with our instructions for use, the MEGA 2000 Patient Return Electrode System should always be positioned on the OR table to maximize patient contact area with the pad, while minimizing the thickness of materials between the patient and the MEGA 2000.

When used with a forced air patient transfer system, the MEGA 2000 should be placed between the patient and the deflated forced air mat. If this is not clinically possible, the MEGA 2000 may be placed underneath the deflated mat. Please be aware that the deflated mat adds additional materials between the patient and the pad equivalent to approximately two layers of linens.

It is important that clinicians are aware that if the electrosurgical effect at the active electrode is diminished then the pad may need to be repositioned so that either the patient has more contact area with pad or the additional materials between the patient and the MEGA 2000 (the deflated forced air mat) may need to be removed. Additional materials between the patient and the pad may increase the risk for alternate site burns. Also, please note that some models of patient moving systems, including Air Pal models, are coated with a conductive coating that may increase the risk of alternate site burns. As stated in our instructions for use, do not increase power settings without ensuring adequate contact with the MEGA 2000 Patient Return Electrode system.