

Inditherm Medical Products have revolutionised patient warming, using the company's innovative flexible polymer technology. The patented technique has allowed Inditherm to produce a system that outperforms all existing technology solutions. Key features & benefits include:

- **Best warming performance available**
- **Prevents pressure sores and ulcers**
- **Enormous cost savings**
- **Unhindered access to patient**
- **Simple to use**
- **Ultimate convenience**
- **Safe & robust**

#### **Warming Performance:**

Inditherm's warming products are based on their patented flexible polymer technology. Heat is produced by a uniform sheet of soft conductive material which gives even warming across the whole surface. The design ensures that the mattresses mould to the shape of each patient, giving large contact area and high thermal transfer characteristics. Clinical trials have shown that the Inditherm system out-performs air warming, giving best efficacy available (Baxendale, et al., 2000).

#### **Pressure Relief:**

Using flexible polymer technology enables the integration of a viscoelastic pressure relief pad into the mattress, under the heating surface. This ensures there is no attenuation of the warming performance in addition to helping to prevent pressure sores and ulcers. A clinical study has shown that the Inditherm system provides better pressure relief than gel pads or standard operating table mattresses (Baker & Leaper, 2003).

#### **Cost Savings:**

The Inditherm mattresses are completely re-usable and can be cleaned in exactly the same way as the existing operating table mattress. Experience has shown that the saving on cost of disposable air warming blankets typically pays for an Inditherm system in less than three months – and the system can be used on all patients with no extra cost or inconvenience. There are none of the maintenance, reliability or running costs associated with water mattresses. The benefits of preventing hypothermia are well documented (Harper et al., 2003; Kurz et al., 1996; Lenhardt et al., 1997) and have shown that post-operative costs can be significantly reduced by warming patients. The wider use of warming facilitated by the Inditherm system should yield additional savings that are an order of magnitude higher than the reduction in consumable costs.

#### **Convenience & Simplicity:**

There is nothing in the surgical field, nor is there any warming of the surrounding area or surgical team when using Inditherm products. No time is wasted setting up or adjusting the system and no additional items such as gel pads are required. Mattresses are lightweight for ease of handling and fully sealed to ensure ease of cleaning using existing infection control procedures. The control unit is compact and easily accommodated with simple temperature control and clear display. The mattress runs at low voltage, ensuring safety for the patient and staff, and is X-Ray translucent.

#### **Summary:**

The Inditherm system provides best warming performance available whilst giving additional convenience and allowing very significant cost savings. This may seem too good to be true, so why not accept our challenge and have a free trial so you can see for yourself!