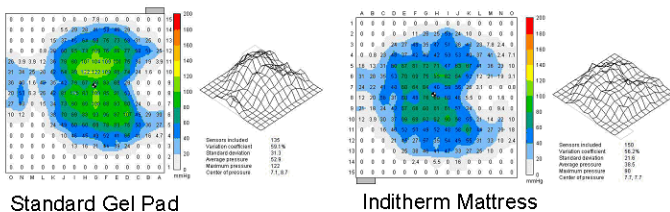
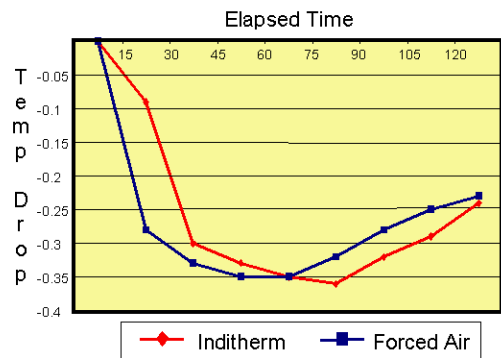


Patient Warming for Anaesthesia & Surgery

Inditherm Medical Products have revolutionised patient warming, using the company’s innovative flexible polymer technology. The patented technique has allowed Inditherm to produce a fully sealed mattress that provides even heating over the entire surface, with pressure relief fully integrated. The unique design provides high thermal transfer characteristics, out-performing traditional warming methods.

Independent clinical studies have shown that Inditherm mattresses are highly effective (*Baxendale, et al., 2000*). The products are in use in a wide range of clinical settings, giving many practical references of product performance and clinical efficacy. The study of 80 patients using Inditherm at lowest setting (37°C) provided equivalent performance to air warming at highest output (43°C). Inditherm also clearly out-performed air warming in the first hour, and could be set higher for enhanced warming.



The unique design provides excellent pressure relief, fully integrated into the mattress. This added benefit has been clinically proven to be more effective than traditional gel pads and standard operating table mattresses (*Baker, E.A. & Leaper, D.J., 2003*).

Due to the use of the flexible polymer, the pressure relief has been integrated under the heating surface, ensuring no reduction in performance. With the mattress under the patient there is nothing to obstruct the surgical field, and only the patient is warmed, not the local environment and surgical team. The system is safe and reliable, with low voltage operation and being fully sealed.

Inditherm provides the most cost-effective solution for patient warming. The products are re-usable, highly durable and require no consumables, allowing enormous savings. The system requires no setting up and therefore lends itself to use on all patients, giving further financial benefit from improved outcomes.

Case Study:

District General Hospital with 8 Operating Theatres performing 12,000 procedures per year. Previously heating 20% of patients with warm air. **£250,000 saved over 3 years, and warming all patients.**

Inditherm mattresses are suitable for use in locations outside the operating room, such as the anaesthetic room, reducing the incidence of hypothermia. Heated blankets are also provided for use in the recovery room and other settings where a mattress is not convenient.