

Why proactive temperature management should be the new standard of perioperative care.

own the

The impact of perioperative hypothermia on patients and facilities.

Core temperature is a critical vital sign. If you're not monitoring continuously and managing consistently, you could be putting patients at risk. A core temperature below 36.0°C can cause perioperative hypothermia, which can:













This can have a large impact on facility costs:



The average hospital length of stay is 2.6 days longer for a hypothermic patient.1

Global support for



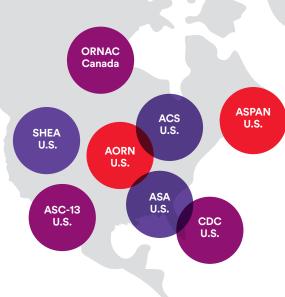
£5.5K The consequences of

hypothermia can cost up to £5,445 to treat.6

perioperative temperature management.

core tenets of proactive temperature management.

Several groups around the world support and recommend the







WHO

misconceptions and realities.

Current patient warming

patient warming and temperature management.

Some clinicians have misconceptions about

so I don't need to pre-warm."

"My patient isn't cold,

Misconceptions

Pre-warming is not only for patient comfort in the

Reality

pre-op phase; but also to help prevent hypothermia in the intra-op and post-op phases.

and additional costs."

Misconceptions

"Pre-warming requires time

as the patient arrives in the pre-op area whilst they are

Reality

being prepared for induction, using the same blanket that you will use during surgery, making the cost neutral with maximum benefit.

Pre-warming can start as soon

"The temperature monitoring modality I use

Misconceptions

doesn't really matter."

Using multiple modalities throughout the surgical

Reality

and inaccurate data.

process can result in variable

To Own the Zone, or maintain a core body temperature between 36.0°C and 37.5°C,7 you need to provide active

Clinicians can confidently Own the Zone

with proactive temperature management.

How to Own the Zone throughout the periop process.

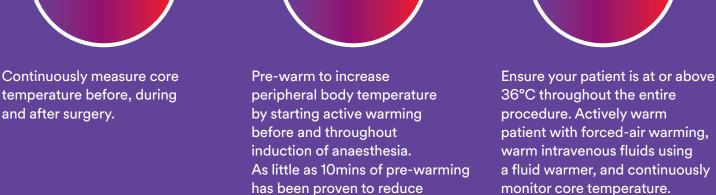
warming and consistent core temperature monitoring from the second the patient enters the pre-operative area until

the moment they are discharged from recovery.



own the

Monitor Pre-warm Maintain



perioperative hypothermia.8

leveraging clinically researched technologies that are trusted and proven.

The 3M™ Bair Hugger™ Normothermia System is ideal for all of your patient warming needs –

With the right partner, you can confidently



Own the Zone.

heat transfer

Superior

A full line

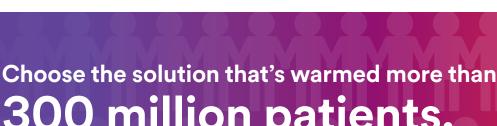
solutions.

of blankets, gowns and temperature monitoring

compared with other forced-air warming manufacturers9,10



supporting clinical benefits, efficacy and safety.



at 3M.co.uk/OwnTheZone

Academy

300 million patients. Learn how to confidently Own the Zone

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- 4 Lenhardt R, Marker E, Goll V, et al. Mild intraoperative hypothermia prolongs postanesthetic recovery. Anesth. 1997;87:1318-23. 5 Sessler, Dl. Current Concepts: Mild perioperative hypothermia. NEJM, 1997. Vol. 336, No. 24, pp. 1730-1737.
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- 8 Horn, E.P, Bein, B et al (2012) The effects of short time periods of pre-operative warming in the prevention of peri-operative hypothermia. Anaesthesia, Vol. 67, pp. 612–617. Brauer A, et al. Comparison of forced-air warming systems with upper body blankets using a copper manikin of the human body. Acta Anaesthesiol Scand. 2002;46:965-972. Brauer A, et al. Construction and evaluation of a manikin for perioperative heat exchange. Acta Anaesthesiol Scand. 2002;46:43-50. Brauer A, et al. Comparison of forced-air warming systems with lower body blankets using a copper manikin of the human body. Acta Anaesthesiol Scand. 2003;47:58-64..
- 10 Unpublished results, 3M data on file. In vitro study. Testing performed using a test stand configuration of the human body (Ref: Brauer A, et al⁹). Testing performed by 3M using Bair Hugger Model 775 (120V, 60Hz) warming unit, Cocoon CWS 4000 (120V, 60Hz) warming unit, Mistral Air Model 1100 (120V, 60 Hz) warming unit, Covidien WarmTouch WT6000 (120V, 60Hz) warming unit and Smiths Medical EQUATOR EQ5000 (120V, 60Hz) warming unit. Blankets tested: 3M Bair Hugger models 525/522/622/300/635, Cocoon models CLM0104/CLM0102/CLM0101, Mistral Air models MA0220/MA0260/MA0250/MA0400, Covidien WarmTouch models 5030880/5030870/5030810, Smiths Snugglewarm models SW2004/SW2003/SW2001.

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3M United Kingdom PLC Charnwood Campus 10 Bakewell Road Loughborough LE11 5RB

+44 (0)1509 611 611

3M Ireland Limited The Iveagh Building The Park, Carrickmines D18 X015 Ireland

+353 (0)1 280 3555

www.3M.co.uk/medical

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