Refresh your surgical staff

Introducing the Cardinal Health™ CoolSource™ Cooling System

The untethered solution to keep clinicians cool and comfortable in the OR.
The Joint Commission and AORN standards mandate room temperatures stay up, but that doesn’t have to bring team morale down. Not anymore. There’s a new way to improve clinician satisfaction and reduce burnout – a solution that can help eliminate the distraction of heat stress and give your team more freedom to do what they do best. When the surgical staff is comfortable and happy, the entire mood in the OR can shift, likely resulting in reduced tension and a higher performing, happier team.

You’ve heard the complaints. Now you can bring them a solution.

The CoolSource™ Cooling System was invented by an OR nurse who was on a mission to solve a surgeon’s discomfort with heat and in turn improve morale for the entire OR staff. She hand-sewed the first vest for a renowned orthopedic surgeon who was soaked with sweat after every case. Since then, he and many other clinicians have used it in hundreds of cases. Today, the inventor is in pursuit of a PhD to further her research on heat stress. And the vest is available in ORs across America, only from Cardinal Health.
Nearly two-thirds of respondents said that heat discomfort affects mood and performance.

Respondents listed several consequences of diminished performance: fatigue/stamina reduced (~83%), lower concentration (67%), reduced speed (~33%) and mistakes (~16%).

Nine out of 10 respondents said that when any member of the OR team is affected by heat discomfort it affects the mood of the entire team.

Since heat stress can influence human cognitive function, increasing a worker’s comfort may improve awareness and decision-making and therefore safety.

Cooling vests as worn by firemen and adapted to the surgical environment have been trialed in clinical settings. The preliminary tests have found measurable benefits in terms of lower skin temperature and sweat rates, leading to improved surgeon comfort.

The job satisfaction of 70% is negatively impacted when experiencing heat discomfort.

More than 80% personally experience heat discomfort during surgical procedures.

You’ve heard it from the same surgeon again and again.

Now listen to the results of ongoing research from multiple studies.

Is heat stress an issue and what is its impact on you and your performance?

The question:

The answers were loud and clear:

- Nearly two-thirds of respondents said that heat discomfort affects mood and performance.
  - Respondents listed several consequences of diminished performance: fatigue/stamina reduced (~83%), lower concentration (67%), reduced speed (~33%) and mistakes (~16%).
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Heat stress is associated with decreased cognitive and psychomotor performance...Even in the execution of short operative tasks, surgeons feel increased cognitive demands.1

Since heat stress can influence human cognitive function, increasing a worker’s comfort may improve awareness and decision-making and therefore safety.2

Cooling vests as worn by firemen and adapted to the surgical environment have been trialed in clinical settings. The preliminary tests have found measurable benefits in terms of lower skin temperature and sweat rates, leading to improved surgeon comfort.3

It’s time to turn up staff satisfaction.

With the CoolSource™ Cooling System, six cooling packs on the abdomen, back and over the shoulders lower core body temperature and maximize cooling—especially during long and labor-intensive procedures. Plus, the vest is easy to put on and conforms to the body, so it moves comfortably with you.

Key features:

**CoolSource™ Cooling Vest**
- Lightweight, disposable SMS design
- Six pockets intentionally placed for cooling dispersion
- Non-sterile, worn underneath PPE
- Velcro® closures
- Belt for adjustable fit
- Patent Pending design

**CoolSource™ Cooling Pack**
- Lightweight, flexible design
- Six cooling packs used per cooling vest
- Non-woven casing helps to prevent condensation
- 2+ hour cooling duration

Compare the Cardinal Health™ CoolSource™ Cooling System to traditional tethered cooling systems that are expensive, cumbersome and trip OR staff up with unwieldy hoses. These machines tie clinicians down and add weight that could increase heat and fatigue. Plus, the reusable vests may put the OR at risk of cross-contamination.

Success, unplugged.

Cat. No. | Description                                                                 | Qty. cs       |
---------|-----------------------------------------------------------------------------|---------------|
COOLVEST | CoolSource™ Cooling Vest, non-sterile, one size                            | 20 ea/bg, 2 bg/cs, 40 ea/cs |
COOLPACK | CoolSource™ Cooling Pack, non-sterile                                      | 6 ea/bg, 9 bg/cs, 54 ea/cs |

"Tethered systems don’t work when you’re moving around a lot," one surgeon said. “You’re tripping over hoses, and it’s not best for sterility."
This solution is not a luxury. It’s a necessity.

You can’t lower the temperature, but you can raise the hopes of your surgical staff.

At a time when surgeon and OR staff satisfaction and morale has never been more important, making the Cardinal Health™ CoolSource™ Cooling System available tells your team that they have been heard.

For additional information, please contact your Cardinal Health sales representative or customer service at 800.964.5227.