

Catheter Specifications

The precision you need to quickly reach and maintain target temperature

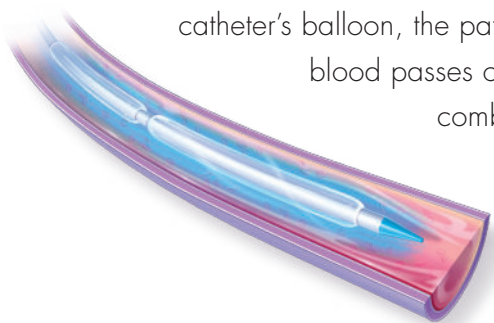
ZOLL® offers four Intravascular Temperature Management (IVTM™) catheter choices that provide different lengths, insertion sites, and heat-exchange power to meet patient needs, clinical scenarios, and protocols.

Add temperature management to your central venous line

ZOLL's patented catheter design combines precise temperature management with medication delivery and the other critical care functions of a standard central venous catheter (CVC). Insert an IVTM catheter in place of a triple-lumen central venous catheter and provide temperature management with just one catheterization.

Cool and warm from the inside out

IVTM gets to the core of the temperature management. By circulating cool or warm saline in a closed-loop through the catheter's balloon, the patient is cooled or warmed as venous blood passes over each balloon. When a catheter is combined with the Thermogard XP® (TGXP), the system delivers the power you need to quickly and precisely maintain target temperature by cooling or warming from the inside out.



All IVTM catheters feature:

- Triple-lumen central venous catheter (CVC) functions, including medication delivery, blood draw, and central venous pressure monitoring
- Catheter kits, which include accessories needed for placement
- Hydrophilic coating with heparin
- Radiopaque body, tip, and marker band to ensure proper placement in the vessel

All IVTM catheters are:

- MRI compatible
- Not made with natural rubber latex



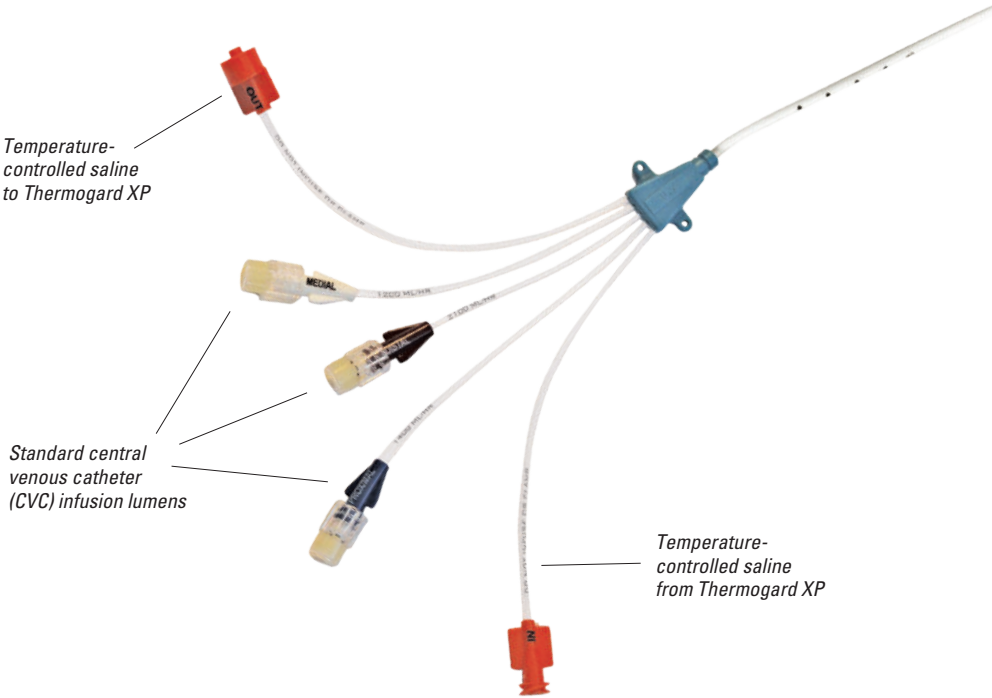
The Thermogard XP® (TGXP) Intravascular Temperature Management System (IVTM™)

Please refer to **Catheter Indications for Use** reference literature or visit www.zoll.com.

Catheter specifications

UPPER-BODY CATHETERS		
Catheter Name	Solex 7®	Cool Line®
Dwell Time	7 Days	7 Days
Cooling Power (Watts) with TGXP	144	74
Warming Power (Watts) with TGXP	38	21
Insertion Site	Subclavian Internal Jugular	Subclavian Internal Jugular
Outer Diameter (OD) at Insertion Site	9.3 F	9.3 F
Length	20 cm	22 cm

LOWER-BODY CATHETERS			
Catheter Name	Quattro®	Icy®	Cool Line®
Dwell Time	4 Days	4 Days	7 Days
Cooling Power (Watts) with TGXP	173	139	74
Warming Power (Watts) with TGXP	48	38	21
Insertion Site	Femoral	Femoral	Femoral
Outer Diameter (OD) at Insertion Site	9.3 F	9.3 F	9.3F
Length	45 cm	38 cm	22 cm



Ordering information

For pricing information or to place an order, please contact your local sales representative.

Specifications subject to change without notice.
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ZOLL Medical Corporation
Worldwide Headquarters
269 Mill Road
Chelmsford, MA 01824
978-421-9655
800-804-4356

For subsidiary addresses and fax numbers, as well as other global locations, please go to www.zoll.com/contacts.

