

# When Your Perfusion Team is Focused on



IMPROVING PATIENT OUTCOMES



DECREASING HOSPITAL COSTS



Prescriptive  
Oxygenation™

Prescriptive Oxygenation™ is Terumo's unique approach to help perfusionists meet each patient's oxygenation and blood management needs more precisely.

# ...Use the Evidence to Point the Way

## Right Size Your Perfusion Circuits

*"Minicircuits reduce hemodilution and are indicated for blood conservation, especially in patients at high risk for adverse effects of hemodilution (eg, pediatric patients and Jehovah's Witness patients)."*<sup>1</sup>

2011 Update to The Society of Thoracic Surgeons and the Society of Cardiovascular Anesthesiologists Blood Conservation Clinical Practice Guidelines\*

## Improve Patient Outcomes

*"The CAPIOX® FX 1540 was effective in reducing intraoperative packed red cell transfusions."*<sup>3</sup>

A retrospective comparison of blood transfusion requirements during cardiopulmonary bypass with two different small adult oxygenators

## Reduce Hemodilution & Blood Transfusions

*"Minimize hemodilution by matching the size of the CPB circuit to the size of the patient."*<sup>2</sup>

AMSECT  
Red  
American Society of ExtraCorporeal Technology Standards and Guidelines For Perfusion Practice

## Decrease Hospital Costs

*"This significant decrease in blood use, at a cost of \$1275 per unit, translates to an annual savings of \$558,450 based on our institution's caseload."*<sup>4</sup>

Prescriptive Patient Extracorporeal Circuit and Oxygenator Sizing Reduces Hemodilution and Allogeneic Blood Product Transfusion during Adult Cardiac Surgery

### References

1. Ferraris, V., et al. (2011). 2011 Update to The Society of Thoracic Surgeons and the Society of Cardiovascular Anesthesiologists Blood Conservation Clinical Practice Guidelines.
2. Baker, R., et al. (2013). American Society of ExtraCorporeal Technology Standards and Guidelines For Perfusion Practice.
3. Lahanas, T., et al. (2013). A retrospective comparison of blood transfusion requirements during cardiopulmonary bypass with two different small adult oxygenators. *Perfusion*. July 2013, 28 (4).
4. Bronson, S., et al. Prescriptive Patient Extracorporeal Circuit and Oxygenator Sizing Reduces Hemodilution and Allogeneic Blood Product Transfusion during Adult Cardiac Surgery. *JECT*. 2013;45:167-72.

## Terumo can help you lead the way with the Prescriptive Oxygenation approach.

**Contact your Terumo Sales Representative today.**

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