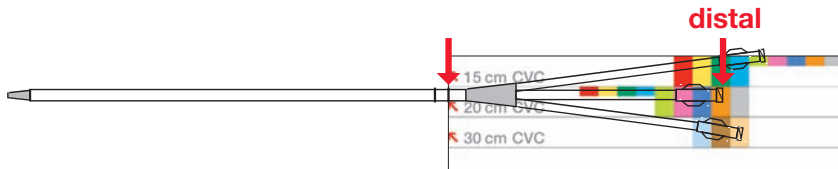


## CeVOX Probe Indicator



- The CeVOX fiberoptic probe PV2022-35 fits perfectly into the distal lumen of PULSION's 8.5F 20 cm CeVOX CVC (4-Lumen: PV2048L20CVC) which allow accurate CVP monitoring and blood withdrawal.
- CeVOX probes can also be inserted in the distal lumen of 15, 20 or 30 cm CVCs that allow guide wires  $\geq 0.032"$ . With an inserted probe the flow rate will be  $\geq 1/5$  of the original rate.
- **CAUTION:** The probe tip needs to exceed the distal tip of the CVC by  $2.5 \pm 0.5$  cm and must not be in the right atrium!  
Always use heparinized flush solution for the distal lumen!

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## CeVOX Quick Reference Guide

### Start-up Procedure

- Choose the probe compatible with the central venous catheter (CVC) by measuring the length of the distal lumen (see other side)
- Switch on the CeVOX
- Remove the probe from the tray, insert it into the distal lumen of the CVC and lock
- Plug the probe's optical connector into the optical module
- Perform in-vivo calibration

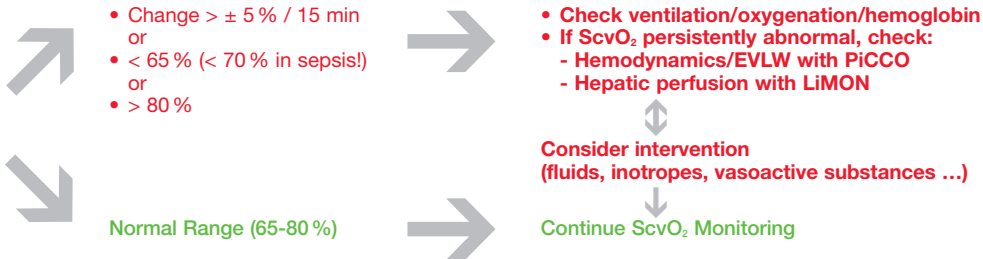
### In-vivo Calibration

- Press CAL and then IN VIVO
- Check signal quality indicator (SQI), confirm and then draw blood sample **from distal lumen of CVC** for laboratory oxymeter analysis
- Adjust the values for Hct/Hb and ScvO<sub>2</sub> on the CeVOX
- Confirm adjustments. In-vivo calibration completed!
- Continuously monitor ScvO<sub>2</sub>

## Clinical Indications and Use of CeVOX

- Blood sample ScvO<sub>2</sub> < 65 %, pre-sepsis, sepsis (< 70 %) or risk of hemodynamic instability or
- Signs of reduced tissue perfusion: Clinical inspection, Lactate ↑ or diuresis ↓ or GEDVI\* ↓ or ICG-PDR\*\* ↓

### Continuous ScvO<sub>2</sub> Monitoring



\* Global Enddiastolic Volume Index, volumetric preload indicator by PiCCO

\*\*Plasma disappearance rate of indocyanine green dye, parameter of splanchnic perfusion/hepatic function by LiMON