



**For professional use. See instructions for use for full prescribing information, including indications, contraindications, warnings, precautions and adverse events.**

Edwards Lifesciences devices placed on the European market meeting the essential requirements referred to in Article 3 of the Medical Device Directive 93/42/EEC bear the CE marking of conformity.

Edwards, Edwards Lifesciences, the stylized E logo, EV1000, TruWave, and VolumeView are trademarks of Edwards Lifesciences Corporation.

© 2018 Edwards Lifesciences Corporation.  
All rights reserved. ENP509/11-18/CC

**Edwards Lifesciences** • Route de l'Etraz 70,  
1260 Nyon, Switzerland • edwards.com



## System Setup

- 1 VolumeView sensor
- 2 VolumeView femoral arterial catheter
- 3 VolumeView thermistor manifold
- 4 Edwards Oximetry Central Venous Catheter
- 5 TruWave pressure transducer
- 6 Oximetry cable



## EV1000 Clinical Platform Startup with the VolumeView Set

*Before startup, please ensure monitor, cables and patient cables are all connected.*

1. Turn on monitor and databox. System self-test starts.
2. Enter new patient data OR continue with existing patient.
3. Set up and prime VolumeView sensor and TruWave CVP transducer and connect to databox.
4. Ensure the sensor and transducer are level to patient's phlebostatic axis and zero transducers on monitor using **Clinical Actions** button.
5. Choose continuous parameters, and define alarms/target range.
6. Start transpulmonary thermodilution - inject bolus and review and edit boluses results.
7. Monitor patient in real time with one of the six available screens.



### Thermodilution Bolus - VolumeView Set

1. Insert the VolumeView femoral arterial catheter according to the directions for use.
2. Insert a Central Venous Catheter (CVC) (if using the Edwards oxymetry CVC, refer to the Edwards oxymetry CVC setup guide).
3. Ensure the TruWave central venous pressure transducer and VolumeView sensor are primed and then connected to the EV1000 databox.
4. Ensure the sensor and transducer are level to patient's phlebostatic axis and zero transducers on monitor using Clinical Actions button.
5. Connect the VolumeView sensor to the VolumeView femoral arterial catheter and confirm the appropriate waveforms and pressures are displayed.



6. Connect the databox thermistor cable to the VolumeView femoral arterial thermistor and confirm appropriate temperature on the EV1000 monitor.
7. Prime the VolumeView set manifold, removing all air. Connect the TruWave central venous pressure transducer to the VolumeView manifold and then connect it to the central venous catheter and confirm the appropriate waveform and pressure are displayed.
8. Connect the in-line injectate thermistor probe to the VolumeView manifold.
9. Connect a pre-chilled syringe with (15 or 20 ml) normal saline to the VolumeView manifold valve/port.
10. Touch the **Clinical Actions** button and then touch the **Thermodilution** button to start the TPTD procedure.
11. Select the desired injectate volume on the keypad (prefer 15 or 20 ml).
12. Select **Lung Resection**, if appropriate, as well as the descriptor (for example RUL = right upper lobectomy).
13. Select **Parameters**, to choose indexed or non-indexed parameter.
14. Touch **Start Set**.
15. **Wait** is highlighted until the thermal baseline is reached.
16. When **Inject** is highlighted, use a rapid, smooth, continuous method to inject the cold solution with the volume amount previously selected.
17. Observe the calculation.
18. Repeat steps 14 and 15.
19. Touch review to edit the series of boluses.
20. Touch **Accept**.

