

Spectrum Medical recently launched ECMO<sup>1)</sup> device within its Quantum Perfusion line. It is a rising player in ECMO<sup>1)</sup> and Heart-Lung Machines domain.

## Spectrum Medical Quantum Perfusion Systems



### Strengths

- Highly modular systems combining ECMO and Heart-Lung Machine.
- Can be used in variety of situations: from Emergency, to Transport, to Cath Lab, to ICU, to OR.
- ECMO device is very transportable and lightweight.
- Has own Gas Blender (Ventilation Lite), whilst majority of competition still uses Sechrist solution.
- Offers own Heater-Cooler unit since 2018.
- Offers IT solution (Quantum Informatics) that includes centralized & remote tele-health and alerting.

### Weaknesses

- Quantum Perfusion Systems possess only CE mark.
- Medtronic does not yet offer (distribute) Quantum Perfusion ECMO systems.

Spectrum Medical + Medtronic

- In 2016, Spectrum Medical and Medtronic entered into a 3-year exclusive distribution agreement which was extended in 2018.
- Quantum Perfusion is distributed by Medtronic, in Europe, Middle East, Africa, Russia, Canada, Australia and New Zealand.