

# The use of extracorporeal life support systems in patients with acute respiratory insufficiency

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## PROPOSITIONS

1. The use of extracorporeal membrane oxygenation (ECMO) is a powerful tool for support the patients with severe respiratory failure, but the ventilation management remains crucial (Chapter 2);
2. During ECMO, the measurement of the CO<sub>2</sub> removal is a keystone to understand the performance of the native lung and it should be used a device tested and certificated should be used (Chapter 3);
3. The lungs recovery, during ECMO support, occurs independently by the ventilator or ECMO setting (Chapter 4);
4. The ratio between the CO<sub>2</sub> eliminated by the native lungs and by the membrane lung could be related to the weaning moment from ECMO (Chapter 4);
5. The application of a dialysis machine to the ECMO circuit is an independent variable for increasing the free plasmatic haemoglobin;
6. The lungs support for a patient with respiratory also after cardiac surgery, has as aim the lung rest strategy for full recovery of the injured lungs;
7. The neurologic multi-modal monitoring is recommended both for VV ECMO both VA ECMO patients;
8. The impact of respiratory failure in post cardiectomy patients should not be undertreated, because it could affect the survival of the patients and the cardiac recovery;
9. The “De Bisschopsmolen” mill in Maastricht produce the best bread that I ever tasted.
10. The watches of the first part of XX century have a smaller diameter of the watch case;
11. Every spring I make a tour on the Tuscany “white roads” by a motorbike, my preferred ones is the BMW F 650 GS.