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Manuscript NO: 65325

Manuscript Type: MINIREVIEWS

Extra corporeal membrane oxygenation in lung transplantation: Indications, techniques and results

Faccioli E *et al.* ECMO and lung transplantation

Eleonora Faccioli, Stefano Terzi, Alessandro Pangoni, Ivan Lomangino, Sara Rossi, Andrea

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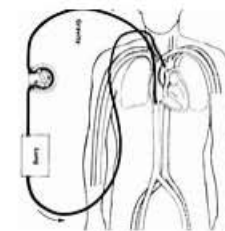
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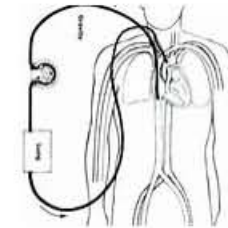
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Extracorporeal membrane oxygenation

CPT code

Procedure

Side effects



Extracorporeal membrane oxygenation, also known as extracorporeal life support, is an extracorporeal technique of providing prolonged cardiac and respiratory support to persons whose heart and lungs are unable to provide an adequate amount of gas exchange or perfusion to sustain life. The technology for ECMO is largely derived from cardiopulmonary bypass, which provides shorter-term support with arrested native circulation. The device used is a membrane oxygenator, also known as an artificial lung.

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Objective: To report initial experience from the use of extracorporeal membrane oxygenation (ECMO) in patients who received lung transplantation. Methods: Retrospective study of a single tertiary center in t...

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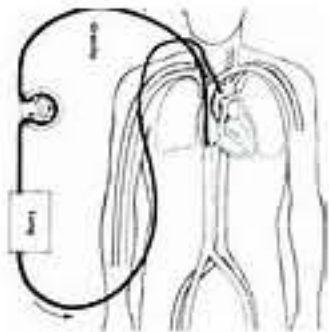
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