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Nursing care: aspect in treatment ECMO patients

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Extracorporeal membrane oxygenation (ECMO) is a complex and expensive technology that can be used to provide temporary support during respiratory and heart (or bough) failure. Two cases of critically ill patients who received ECMO using different forms of circuitry and for different indications are presented. Both patients had life-threatening problems with shock and were not able to be supported by conventional means. We discuss the expanding indications for this technology and the role it must play in our intensive care nursing management. We find several important managerial and policy implications regarding technological adoption, like ECMO, specialization in this professional domain, and the quality of interaction nursing team. Focuses on the process of decision making in managing the care of ECMO clients experiencing critical conditions that are life threatening and/or involving multiple body systems and multiple machine systems. Complex medical-surgical-nursing conditions in intensive care units are discussed in terms of pathophysiology, etiology, diagnosis, and treatments that are based on current research and experience over the years.

Biography

Nataly Lazarovitch has completed her MA from Tel Aviv University. For the past 8 years she has been working in Intensive Care Cardiac Surgery in Sheba Medical Center and she is the Deputy Head Nurse in ICU Cardiac Surgery.

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