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Session Title : Patient management for thoracic organ donor candidates

Patient management for thoracic organ donor candidates

Jeongmin Kim

Severance Hospital, Yonsei University, Republic of Korea

This presentation delves into the intensivist's perspective on the intricate management of thoracic organ donor candidates, underscoring the critical role intensivists play in optimizing outcomes for heart and lung transplantations. The efficient and meticulous management of these candidates is a cornerstone in enhancing the success rates of organ donations and transplants. Intensivists are pivotal in managing thoracic organ donor candidates, ensuring the viability and functionality of the organs for transplantation. Their central role involves maintaining hemodynamic stability, optimizing organ function, and early identification of potential donors in their clinical course. The presentation aims to provide a comprehensive overview of the strategies and considerations intensivists employ, focusing on enhancing organ viability and addressing the multifaceted challenges associated with donor management. Drawing from a wealth of published research and extensive clinical experiences, the presentation will traverse through best practices and protocols in the intensive care setting. Topics of discussion will encapsulate donor selection criteria, hemodynamic management, hormonal therapy, infection control, and the ever-important ethical considerations. A meticulous approach to donor suitability involves a thorough assessment based on medical history, organ function, and compatibility. It is imperative to maintain optimal blood pressure, fluid balance, and promptly address any instances of shock to preserve organ function. The strategic utilization of hormonal therapy, such as vasopressin and thyroid hormone, plays a vital role in enhancing organ perfusion and mitigating the risk of graft dysfunction. Vigilant monitoring and proactive management of infections are paramount to prevent transmission to the recipient. Moreover, there's a pressing need to balance the pursuit of organ donation with the ethical imperative of providing compassionate end-of-life care. In conclusion, the role of intensivists is central to the management of thoracic organ donor candidates. By implementing rigorous selection criteria, optimizing hemodynamic parameters, diligently addressing infections, and navigating the intricate landscape of ethical considerations, intensivists significantly influence the success and outcomes of heart and lung transplants. References



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