



講師

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授課主題

Lung Transplantation in Chang Gung Memorial Hospital at Linkou: A Surgeon's Perspective

摘要

Lung transplantation is the definitive treatment for selected patients with end-stage lung disease and represents one of the most technically demanding procedures in thoracic surgery. Successful transplantation relies not only on surgical expertise but also on multidisciplinary collaboration throughout the perioperative period. Since the establishment of the multidisciplinary lung transplantation program at Chang Gung Memorial Hospital at Linkou in 2016, our team has performed more than 100 lung transplantations with excellent outcomes, achieving 1- and 5-year survival rates that exceed the national average.

From a surgeon's perspective, this lecture will review the development of our lung transplantation program, focusing on recipient selection, donor evaluation, operative planning, graft procurement, technical aspects of bilateral lung transplantation, intraoperative extracorporeal life support (ECLS) strategies, and the prevention and management of major surgical complications. The importance of multidisciplinary collaboration among thoracic surgeons, cardiac surgeons, anesthesiologists, pulmonologists, intensivists, perfusionists, and transplant coordinators will also be highlighted. Our recent experience further demonstrates that a dedicated surgical multidisciplinary team can achieve favorable short-term outcomes even during nighttime lung transplantation in a low-volume center.

This lecture aims to share our institutional experience and discuss practical strategies that may facilitate the development of lung transplantation programs while improving perioperative safety and patient

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outcomes.