1. Record Nr. UNINA9910149165703321 Anesthesia and Perioperative Care for Organ Transplantation / / edited Titolo by Kathirvel Subramaniam, Tetsuro Sakai Pubbl/distr/stampa New York, NY:,: Springer New York:,: Imprint: Springer,, 2017 Edizione [1st ed. 2017.] 1 online resource (XXIII, 586 p. 204 illus., 179 illus. in color.) Descrizione fisica 617.96 Disciplina Soggetti Anesthesiology Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Includes bibliographical references at the end of each chapters and Nota di bibliografia index. Nota di contenuto Part I: General Topics -- 1 Ethical Considerations for Organ Transplantation -- 2 Prevention of Perioperative Infections in Organ Transplant Recipients -- 3 Donation after Cardiac Death -- 4 Living Related Organ Transplantations -- 5 Intensive Care of the Deceased Multiorgan Donor: One Donor, Nine Lives -- 6 Anesthetic Management of Donor Organ Retrieval in a Multiorgan Donor -- Part II: Lung Transplantation -- 7 Preoperative Evaluation and Preparation for Lung Transplantation -- 8 Bilateral Sequential Lung Transplantation: What the Anesthesiologist Needs to Know About the Surgical Approach -- 9 Anesthetic Management for Lung Transplantation -- 10 Postoperative Critical Care of Lung Transplant Patients -- Part III: Heart Transplantation -- 11 Heart Transplant Patient Selection and Preparation -- 12 Surgical Techniques of Heart Transplantation and Heart-Lung Transplantation -- 13 Anesthetic Management of Cardiac Transplantation -- 14 Postoperative Care of Heart Transplant Patients -- Part IV: Special Considerations for Thoracic Transplantation -- 15 Perioperative Management of Pulmonary Hypertension -- 16 Extracorporeal Life Support following Thoracic Organ Transplantation

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Sommario/riassunto

This comprehensive textbook, covering all aspects of the perioperative management of patients undergoing organ transplantation, serves as the standard reference for clinicians who care for transplant patients on a day-to-day basis as well as those who encounter organ transplantation only occasionally in their clinical practice. Anesthesia and Perioperative Care for Organ Transplantation covers transplantation of the heart, lung, liver, pancreas, and kidney, as well as multivisceral and composite tissue graft transplantations. For each kind of transplantation, the full spectrum of perioperative considerations is addressed: preoperative preparation, intraoperative anesthesia management, surgical techniques, and postoperative care. Each chapter contains evidence-based recommendations, relevant society guidelines, management algorithms, and institutional protocols as tables, flow diagrams, and figures. Photographs demonstrating surgical techniques, anesthesia procedures, and perfusion management are included. Anesthesia and Perioperative Care for Organ Transplantation is for anesthesiologists and critical care physicians: transplantation surgeons; nurse anesthetists; ICU nurses; and trainees.