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Titolo	Contemporary Kidney Transplantation // edited by Carlo Gerardo B. Ramirez, Jerry McCauley
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ISBN	3-319-19617-0
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Descrizione fisica	1 online resource (103 illus., 74 illus. in color. eReference.)
Collana	Organ and Tissue Transplantation, , 2570-1592
Disciplina	617.4610592
Soggetti	Transplantation of organs, tissues, etc Nephrology Transplant Surgery
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes Index.
Nota di contenuto	History of kidney transplantation -- Recipient Selection -- Indications and contraindications -- Evaluation and selection -- Special considerations in highly sensitized candidates -- Waitlist maintenance -- Donor Selection -- Living donor -- Deceased donor -- Standard criteria donors -- Extended criteria donors -- HBsAg, HBcAb+, HCV donors -- CDC high risk donors -- Donors on ECMO -- Surgical Technique -- Organ preservation and preparation -- Recipient kidney transplantation surgical technique -- Live donor nephrectomy -- Kidney Transplantation with other organs -- Anesthesia Management -- Organ Procurement Organization and New Kidney Allocation -- History and rationale for the change -- Recent changes and what they will mean -- Allocation policies in EU, UK, and other countries -- Geographic Variations in Kidney Access- Final Rule Wida (UNOS) -- Vulnerable Populations -- Special Consideration in Living Donor Kidney Transplantation -- Necessary components of a living donor team -- Living kidney donor paired exchanges -- Early and Late Course after Kidney Transplantation -- Early complications after kidney transplantation -- Late complications after kidney transplantation -- Immunology of Kidney Transplantation -- Pathology of Kidney Transplantation -- Radiology of Kidney Transplantation -- Radiology in kidney transplantation -- The role of Interventional radiology --

Transplant Immunosuppression -- History of immunosuppression: an overview -- Special consideration -- Tolerance: The Holy grail of Transplantation -- Infection in Kidney Transplantation -- The Contemporary Successful Kidney Transplant Program -- The Regulatory Environment -- Quality measure of a contemporary kidney transplant program -- The role of transplant coordinators -- The finance of kidney transplantation -- Kidney transplantation in the third millennium in North America: the strategy for success -- Legal issues of transplant programs in North America in the third millennium -- Epidemiology of Kidney Transplantation -- Ethics of Transplantation -- Psychosocial and financial Aspects of Transplantation -- Pediatric Transplantation -- Special Topics -- Pregnancy after Kidney Transplantation -- Future Directions.

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## Sommario/riassunto

This book provides a comprehensive guide to successful kidney transplantation in the highly regulated environment of today. It covers the history of kidney transplant to highlight innovations that have made kidney transplantation so successful as well as the new deceased donor kidney allocation strategy and postulates what types of changes might occur with this new policy. The book highlights special areas of nephrology concern in kidney transplantation, especially diseases likely to recur following transplant. It deals with many of the medications used in kidney transplantation including different commonly used antirejection protocols. It also provides a complete reference on the various operations involved in kidney transplantation. The text includes detailed pictures and surgical technique sections on cadaveric kidney transplantation and living kidney transplantation. It includes information on living kidney donation surgery with a chapter dedicated to the minimally invasive techniques that have been popularized in the last fifteen years. Some coverage on open living kidney donation is presented. Included in this section is discussions of how to handle certain operative challenges like severe atherosclerosis, venous sclerosis and various urinary system aberrancies. Comprehensive coverage of common surgical complications is presented including management of urinary strictures, urinary leaks, lymphoceles, vascular problems following transplant, and what steps should be taken when an early kidney transplant biopsy is necessary. It also covers in detail what is required for maintenance of health after kidney transplantation including the major risks for graft loss as well as what disease processes kidney transplant patients are particularly vulnerable to.

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