

Χαρακτηριστικά:

- Offers **state-of-the-art coverage** of all areas of kidney transplantation such as preservation of kidneys; mechanisms of rejection and the induction of tolerance; techniques of laparoscopic live donor nephrectomy; and immunosuppression
- Contains **up-to-date outcomes data** and analysis of the evidence supporting current practice in the field
- Includes **new chapters** on xenotransplantation and COVID-19 in renal transplantation
- Adds **new information on normothermic regional perfusion** to the discussion of DCD organ donation and ethics of transplantation, and **new information on iBox** (the first universal algorithm for predicting the risk of kidney transplant loss) to the biomarkers section
- Provides **relevant, up-to-date information** on kidney transplant for all members of the transplant team, with practical information on applied science, clinical information, and surgical procedures
- Features **intraoperative videos** and **hundreds of superb illustrations** to help readers visualize key concepts and nuances of renal transplantation
- Covers each major immunosuppressive drug in individual chapters, and provides a reference list of all randomized trials for convenient access to critical information
- **An eBook version is included with purchase.** The eBook allows you to access all of the text, figures and references, with the ability to search, customize your content, make notes and highlights, and have content read aloud. Additional digital ancillary content may publish up to 6 weeks following the publication date

Περιεχόμενα:

1. Kidney Transplantation: A History
2. The Immunology of Transplantation
3. Chronic Kidney Failure: Renal Replacement Therapy
4. The Recipient of a Renal Transplant
5. Access for Renal Replacement Therapy
6. Brain Death and Cardiac Death: Donor Criteria and Care of Deceased Donor
7. Medical Evaluation of the Living Donor
8. Donor Nephrectomy
9. Kidney Preservation
10. Histocompatibility in Kidney Transplantation
11. Surgical Techniques of Kidney Transplantation
12. Urological Complications After Kidney Transplant and Transplantation Into an Abnormal Bladder
13. Perioperative Care of Patients Undergoing Kidney Transplantation
14. Early Course of the Patient With a Kidney Transplant
15. Azathioprine and Mycophenolates
16. Steroids

17. Calcineurin Inhibitors
18. mTOR Inhibitors: Sirolimus and Everolimus
19. Antilymphocyte Globulin, Monoclonal Antibodies, and Fusion Proteins
20. Other Forms of Immunosuppression
21. Approaches to the Induction of Tolerance
22. Transplantation in the Sensitized Recipient and Across ABO Blood Groups
23. Paired Exchange Programs for Living Donors,
24. Kidney Allocation
25. Pathology of Kidney Transplantation
26. Biomarkers for Posttransplant Allograft Monitoring
27. Chronic Allograft Failure
28. Vascular and Lymphatic Complications After Kidney Transplantation
29. Cardiovascular Disease in Renal Transplantation
30. Infection in Kidney Transplant Recipients
31. Transplantation in a Pandemic: Lessons Learned From COVID-19
32. Liver Disease Among Renal Transplant Recipients
33. Neurological Complications After Kidney Transplantation
34. Cutaneous Disease in Kidney Transplantation Patients
35. Cancer in Kidney Failure and Kidney Transplantation
36. Pancreas and Kidney Transplantation for Diabetic Nephropathy
37. Kidney Transplantation in Children
38. Advancing Kidney Transplantation in Low- and Middle-Income Countries: Challenges and Strategies
39. Results of Kidney Transplantation
40. Psychosocial Aspects of Kidney Transplantation and Living Kidney Donation
41. Ethical and Legal Aspects of Kidney Donation
42. Xenotransplantation
43. Evidence in Transplantation