The field of organ transplantation has undergone remarkable changes in the last decade. The growing numbers of agents available for immunosuppression have played a significant role in the advancement of this field. However, just as important has been the development of surgical innovations in the field. This includes not only the development of new surgical procedures, but also modifications of the existing ones. This has involved all areas of organ transplantation including deceased-donor procurement techniques, living-donor transplantation, and transplantation of the individual organs including kidney, liver, pancreas, and intestine. Examples include procurement from non–heart-beating donors; living-donor transplants involving the liver, pancreas, or intestine; laparoscopic donor nephrectomy; split-liver transplants; and multivisceral transplants. All of these represent new, innovative procedures that are being performed on a regular basis only in the last few years. Given these recent dramatic changes in the surgical face of transplantation, we felt it was time for a surgical atlas of transplantation that highlighted these recent developments.

The aim of this book is to provide the reader with a comprehensive, pictorial step-by-step account of abdominal organ transplant procedures performed by contemporary transplant surgeons. Emphasis has been placed on newer procedures or procedures that have undergone significant modifications. It is recognized that there are many well-accepted techniques for the same procedure, with each having potential merit. While it is impossible to present all of these variations, an attempt has been made to describe the common variations in surgical technique.

Innovations in imaging have allowed us to organize this atlas in a format that provides the reader with the most clear and realistic view of the operative procedures. Schematic diagrams are included to complement high-quality intraoperative photographs, allowing readers to clearly visualize the course of the operative procedure. A unique feature of this atlas is a digital video file of the major operative procedures, which provides the reader with the closest possible experience to being present in the operating suite. It is hoped that this format will provide the reader with a clear visual and written description of all major abdominal transplant procedures performed by the modern transplant surgeon.
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