

After many attempts since the late '60s, lung transplantation has become a successful therapeutic option for a selected group of patients with end-stage respiratory failure since the early '80s. The evolution in the surgical technique, pre- and postoperative management with better immunosuppression, and appropriate donor selection further contributed during the following decades to improve the numbers and the results. Transplantation is a science where the future becomes past very quickly. From an era when the surgeon was forced to cover all the aspects of the transplant process, we have now reached a point where the pre-transplant candidate and the post-transplant recipient is followed by a multidisciplinary team, the key to long-term success.

In this text book, the editors have tried to cover all the aspects of lung transplantation, from the selection and management of donors to patient selection, intraoperative management and postoperative course, including potential complications.

We have also tried to open a window on the future, although future is already here; in fact the techniques of lung preservation, assessment, and reconditioning with machine perfusion are now becoming routine practice in many transplant centers, leaving hope for further development towards immunomodulation and regeneration of organs outside the body.

The authors involved in each chapter are experts in their fields. They have performed a wonderful job fulfilling their task and giving the readers a comprehensive overview on lung transplantation nowadays and a good inspiration for further studies.



Federico Venuta



Dirk Van Raemdonck

**Federico Venuta, MD**

Professor of Thoracic Surgery, University of Rome La Sapienza, Rome, Italy.

**Dirk Van Raemdonck, MD, PhD**

Professor of Surgery, KU Leuven University, Leuven, Belgium.