



Therapeutic Plasma Exchange and Selective Plasma Separation Methods

By Rolf Bambauer

Wolfgang Science Pabst Jun 2013, 2013. Taschenbuch. Condition: Neu. Neuware - The fourth edition will give a new, complete overview of the therapeutic apheresis (TA) with all semi- and selective methods, which are available. All methods, their functions, indications, clinical results, criticisms, and future aspects are discussed. This edition contains 580 pages including 117 tables, 85 figures, and 3380 references. In 6 chapters historical highlights, methods of unselective, semi-selective and selective separation procedures, complications, side effects of TA, and clinical results of different diseases are mentioned. Possible indications of TA are shown in pediatric diseases. Semi-selective and selective separation methods such as cascade-filtration, cryofiltration, plasmaperfusion, fibrinogen-adsorption, different methods of Immunoadsorption, LDL-apheresis, LDL hemoperfusion, and other methods, such as BioLogic-DTPP-system, Molecular Adsorbent Recycling system (MARS), Prometheus system etc., are discussed. Therapeutic apheresis in organ transplantation is mentioned. TA in organ transplantation offers new horizonts for ABO incompatible organ transplantation. This is discussed for renal-, liver-, heart-, lung-, and hematopoietic progenitor cell transplantation. The application of TA in transplantation is a corner stone of several conditions in ABO incompatible transplantation and enables to develop new strategies, the best organ transplantation in patients even with a high degree of immunonization or performed antibodies...



Reviews

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