

The Pancreas: An Integrated Textbook of Basic Science, Medicine, and Surgery / 9781444300130 / 1024 pages / 2009 / John Wiley & Sons, 2009 / Hans G. Beger, Markus W. Buchler, Richard Kozarek, Markus M. Lerch, John P. Neoptolemos, Andrew L. Warshaw, David C. Whitcomb, Keiko Shiratori

This book shows you how to achieve superior patient management by taking the team approach to in-hospital care. Fully revised and updated, this new edition of *The Pancreas: An Integrated Textbook of Basic Science, Medicine and Surgery* details the latest knowledge on genetics and molecular biological background in terms of anatomy, physiology, pathology, and pathophysiology for all known pancreatic disorders. Section One Anatomy of the pancreas The history of the pancreas, 9 Irvin M. Modlin Michael B. Farnell MD Professor of Surgery, Mayo Clinic College of Medicine, Rochester, MN, USA. This book shows you how to achieve superior patient management by taking the team approach to in-hospital care. Fully revised and updated, this new edition of *The Pancreas: An Integrated Textbook of Basic Science, Medicine and Surgery* details the latest knowledge on genetics and molecular biological background in terms of anatomy, physiology, pathology, and pathophysiology for all known pancreatic disorders. The Editor and author team are leading pancreatologists of high international repute and they present global best-practice and evidence-based knowledge in this comprehensive reference. Incorporating evidence-based data, the book also focuses on early diagnosis, limited surgical treatment, oncology, treatment results and the option of transplantation. The book includes new guidelines for non-surgical and surgical treatment; new molecular biologic pathways to support clinical decision making in targeted treatment of pancreatic cancer; new minimally invasive surgical approaches for pancreatic diseases; and the latest knowledge of neuroendocrine tumors and periampullary tumors. Section 6 Neoplastic Tumors of the Exocrine Tissue: Benign Cystic Neoplasms of the Pancreas 565. 73 Epidemiology of Cystic Neoplasms of the Pancreas 567 Saurabh Mukewar and Suresh T. Chari. 74 Histologic Classification and Staging of Cystic Neoplasms 573 Noriyoshi Fukushima and Giuseppe Zamboni. 75 Molecular Mechanisms of Cystic Neoplasia 580 Nickolas Papadopoulos and Ralph H. Hruban.