



Preface
Radiology of the pancreas, gallbladder, and biliary tract



Frank H. Miller, MD
Guest Editor

Over the last decade, there have been significant advances in imaging benign and malignant diseases of the pancreas, gallbladder, and biliary tract. Multi-detector helical CT, ultrasound, MR imaging with MR cholangiography, endoscopic ultrasound and ERCP with therapeutic intervention, minimally invasive surgery, and interventional radiology have all made prompt diagnosis and intervention possible.

I am fortunate to have outstanding authors, all experts in their fields, provide state-of-the-art reviews for this issue of the *Radiologic Clinics of North America*. Dr. Balthazar discusses staging and complications of acute pancreatitis in two articles. Drs. Remer and Baker review chronic pancreatitis including CT, ERCP, and the more recent techniques, MR, MRCP, and endoscopic ultrasound. Drs. Hammond and Miller discuss the importance of cystic masses of the pancreas and how to differentiate them. Drs. Horton and Fishman demonstrate the use of multi-detector CT, including CT angiography, and the role of 3D imaging to identify adenocarcinoma of the pancreas and demonstrate vascular invasion. Drs. Sheth and Fishman discuss the less common but certainly important tumors of the pancreas. Drs. Ly and Miller discuss recent advance in MR of the pancreas. Dr. Gore and his coauthors provide a multimodality evaluation of diseases of the gallbladder. Drs. Baron, Tublin, and Peterson provide a

practical approach to benign and malignant biliary diseases. Dr. Benya discusses important pancreatic and biliary diseases of children. Drs. Fulcher and Turner emphasize the importance of MRCP in the evaluation of biliary pathology. Dr. Kochman and colleagues emphasize the use of endoscopic ultrasound and therapeutic ERCP from the perspective of gastroenterologists. Drs. Talamonti and Denham wrap up the issue with the surgical perspective of how advances in surgery have paralleled the advances in imaging.

I would like to thank this talented group of authors for their excellent contributions; they have made editing this issue a pleasure. I would also like to thank Barton Dudlick and W.B. Saunders for inviting me to develop this project and for their assistance in ensuring its completion. I want to especially thank my wife, Michelle, and son, Scott, for their constant support. I would like to dedicate this edition to my late father, Dr. Sheldon Miller, whose love of radiology has been an inspiration for me.

Frank H. Miller, MD
*Department of Radiology
Northwestern University
The Feinberg School of Medicine
676 North St. Clair Street, Suite 800
Chicago, IL 60611-2927, USA*