During his years at Memorial Sloan Kettering Cancer Center, Dr. Leslie H. Blumgart developed an extensive video library of high-quality, narrated and captioned video of his personal techniques used to train surgeons worldwide. These videos present history, radiologic evidence, and operative procedures – from major and minor resectional procedures to biliary and pancreatic anastomotic techniques. Blumgart’s Video Atlas: Liver, Biliary & Pancreatic Surgery, 2nd Edition, compiles these outstanding videos, along with laparoscopic alternatives to these landmark surgeries from Dr. Carlos U. Corvera, into one outstanding multimedia resource that brings you fully up to date with innovative and advanced techniques in hepatobiliary and pancreatic surgery. Covers diseases of the liver, biliary tract, and pancreas, both in print and on more than 120 videos. Offers step-by-step discussion of open surgical procedures by world renowned surgeon Dr. Les Blumgart, allowing you to see clearly how an expert handles a difficult case. Includes an expanded number of minimally invasive laparoscopic techniques for the management of liver disease and pancreatic tumors, contributed by Dr. Carlos Corvera. Features a new chapter on laparoscopic hepatectomy techniques, as well as several new videos that showcase totally laparoscopic approaches to major hepatectomy, and the benefits of a hand-assisted laparoscopic approach. Details recent advances in laparoscopic liver and pancreatic surgery, modifications to open right hepatectomy (a "bottom-up" approach), right hepatectomy for donor liver transplant, and management of rare complications of gallstones disease. Includes both conceptual and imaging anatomy in print, including new cadaver dissections, allowing you to better understand surgeries preoperatively and consider the impact of anatomy and disease on the surgical procedure.
This book covers all liver tumors and lesions that clinically and radiologically mimic liver tumors. It provides readers with a comprehensive overview of this complex and rapidly evolving field. All aspects of surgical pathology are addressed, supplemented by detailed presentations of the lesions’ cell-biologic and molecular features. In addition, the methods employed for diagnosis and diagnostic algorithms are discussed. It appeals to pathologists and hepatologists and serves as an invaluable aid to diagnosis. The field of liver tumors and tumor-like lesions in adults and children has experienced tremendous advances in recent years. Specifically, the recognition of novel entities, deepened insights into known tumors, and refinement of classifications have necessitated continual updates and reappraisals. In addition, previous understanding of hepatic carcinogenesis and tumor progression has been transformed by the very rapid evolution of our understanding of cell biology, genomics, signaling pathways, cell interactions, and mechanisms of invasion and spread of hepatic tumor cells. These general pathology issues must be combined with surgical pathology if a comprehensive understanding of liver tumor pathology is to be achieved.

**Atlas of Anatomic Hepatic Resection for Hepatocellular Carcinoma**

**Blumgart's Surgery of the Liver, Biliary Tract, and Pancreas**

**Master Techniques in Surgery: Hepatobiliary and Pancreatic Surgery**

Video Atlas: Liver, Biliary and Pancreatic Surgery demonstrates advanced techniques used to train surgeons all over the world. Dr. Leslie H Blumgart has developed an extensive library of high-quality, narrated, and captioned videos that present history, radiologic evidence, and operative procedures—from major and minor resectional procedures to biliary and pancreatic anastomotic techniques. Dr. Carlos U. Corvera has worked with Dr. Blumgart to contribute laparoscopic alternatives to these innovative and landmark surgeries. Online at www.expertconsult.com and in print this multimedia resource provides detailed, practical instruction on this challenging area of surgery. Master difficult, complex, and lesser-known surgeries through more than 10 hours of high-quality procedural videos narrated by Dr. Leslie H. Blumgart—a pioneer in the field. See how an expert handles difficult cases from clear illustrations and step-by-step discussions of procedures, including Dr. Blumgart’s personal techniques. Get coverage of major and minor resectional procedures, biliary tract and pancreatic resection, biliary and pancreatic anastomotic techniques, and more—including newly pioneered minimally invasive procedures from Dr. Carlos U. Corvera. Access the fully searchable text online at www.expertconsult.com.

**Updates in Liver Cancer**

As minimal access approaches to cancer diagnosis, staging, and therapy become more widely used, it is vital for general surgeons, along with laparoscopists, surgical oncologists and medical oncologists, to stay up to date. The editors, a team consisting of a renowned surgical oncologist and a laparoscopic specialist, aim to provide a resource for the practicing general surgeon using basic minimally invasive techniques. The book discusses diagnosis including biopsy with microinstrumentation, staging, and palliative and curative resection. Specific tumor sites are addressed, including esophagus, stomach, spleen, small bowel, pancreato-biliary, hepatic resection, and colorectal resection. Minimally invasive approaches to the thoracic and retroperitoneal areas are included. The book provides a thorough overview of basic cancer biology, instrumentation, and ultrasound. Additionally, Greene and Heniford explore controversial issues such as port-site recurrence and the effect of pneumoperitoneum on the spread of cancer cells in the abdomen. Many photographs and line drawings, including 16 in full color, illustrate the principles discussed in the text. A must-have for every practicing general surgeon, laparoscopic fellow, and general surgery resident.
Operative Techniques in Surgery

Liver transplantation: indications and general considerations

2. Stone extraction via the T-tube 89 3. Endoscopic method 89 4. Preparation for stone extraction 90 5. Technique 90 6. Results 91 7. Complications 91 8. Discussion 91 Index of Subjects 99 CHAPTER 1 INTRODUCTION This book was conceived as a descriptive atlas of most reliable indication for common bile duct ex routine biliary surgery i.e., cholecystectomy and ploration. The cholangioscope allows a visual ex exploration of the common bile duct. For the pro ploration of the biliary tree and permits the reject the authors worked together for one week moval of common bile duct calculi and other as biopsy under direct visual con at Ninewells Hospital and Medical School, Dundee procedures such on a series of patients with biliary tract disease trol. Both procedures have been described in detail especially selected for the exercise. With the con with emphasis on the practical aspects of their use. sent of the Tayside Health Board and the patients The era of blind biliary surgery is over and the concerned, all the operations and peri-operative sooner this message is received by all concerned, procedures were filmed by the photographic mem the better the outcome of biliary surgical practice bers of the team, Mr. and Mrs. Paz-Partlow. Ad overall. ditional case material has been obtained from It has not been our intention to produce a com Cedars Sinai Medical Center, Los Angeles.

Blumgart's surgery of the liver, biliary tract and pancreas

Blumgart's Surgery of the Liver, Biliary Tract, and Pancreas

An interdisciplinary reference book for the diagnosis and treatment of gallbladder and bile duct diseases With recent developments in the management of hepatobiliary diseases including liver transplantation, this new edition aids all members of the team by addressing both the biliary indications for and biliary complications of these procedures. It's divided into three sections on anatomy, pathophysiology, and epidemiology; diagnostic and therapeutic approaches including the latest therapeutic modalities; and specific conditions. Includes more than 250 illustrations for rapid reference. Each chapter now has a Q&A section and begins with a list of objectives outlining the chapter’s goals. In addition, a number of new imaging modalities are presented in this new edition. It takes an integrated medical, surgical and radiological approach, making this invaluable to all members of the team who deal with complications of liver transplantation and the management of patients.

Blumgart's Video Atlas: Liver, Biliary & Pancreatic Surgery

When one deals with cancer, the hepatobiliary malignancies present a chal lenge to the oncologists that can be characterized as a series of unsolved clinical and biological dilemmas. Liver metastases from colorectal and other gastrointestinal malignancies, hepatocellular carcinoma, cholangiocar cinoma, and gall bladder cancer present an array of problems but have two features in common. These are high morbidity and mortality with an overall poor result from treatment. Why is it that hepatobiliary cancer carries with it such a dismal prognosis? First of all, these diseases present, for the most part, in an advanced state. To this point in time the oncologist has had no help from early diagnosis or screening. Only the occasional patient followed by ultrasound or a tumor marker has the disease diagnosed in an asymptomatic state. By the time these diseases become symptomatic, curative treatment options have usually disappeared. Evolution has placed the liver in a protected position in order to avoid injury to the soft parenchyma. As with many other internal organs, the nerve supply is extremely limited. These two anatomic features result in a great lack of early warning signs of cancer.
Diseases of the Gallbladder and Bile Ducts

Comprehensive and complete, Blumgart’s Surgery of the Liver, Pancreas and Biliary Tract - edited by Dr. William R. Jarnagin and a team of experts- delivers the comprehensive, cutting-edge guidance you need to achieve optimal outcomes in surgery of the liver, biliary tract, and pancreas. Edited by a panel of experts and featuring contributions by many leading authorities, this 2-volume reference brings you the latest information on pathology, diagnostics, surgery, and non-operative intervention all in one source. At www.expertconsult.com you can not only access the complete contents online, but also an abundance of detailed illustrations and step-by-step procedural video clips from the Memorial Sloan Kettering video library that show you how to perform key procedures step by step. Glean all essential, up-to-date, need-to-know information in one comprehensive reference that provides extensive coverage of pathology, diagnostics, surgery, and non-operative intervention as well as hepatobiliary and pancreatic surgery. Deepen your understanding of surgical anatomy to help with diagnosis, surgical operation, interventional radiology, and endoscopy. See how to perform key procedures by watching operative videos from the Memorial Sloan Kettering video library. Apply the most advanced diagnostic and management options for each disease, including interventional techniques. Stay current with the latest knowledge and advancements including minimally invasive techniques in hepatic resection; surgical considerations for congenital disorders of the pancreas; non-surgical therapies for pancreatic cancer; microwave ablation and other emerging technologies; the most recent developments in the rapidly changing area of transplantation; and the newest best practices in pre- and post-operative care and blood transfusion. Get in-depth coverage of the pancreas from the only fully comprehensive text on both hepatobiliary and pancreatic surgery. Learn from the very best. Rely on the trusted guidance of experts, with a fresh perspective from senior editor, Dr. William Jarnigan, who has earned a national and international reputation in the surgical management of diseases of the biliary tract. Access the full text online at www.expertconsult.com, along with image and video libraries, tables, figures, and more! Over 200 additional contributing experts. A single, comprehensive reference that covers pathology, diagnostics, surgery, and non-operative intervention all in one text!

Blumgart's Surgery of the Liver, Pancreas and Biliary Tract E-Book

Hepatobiliary and pancreatic surgery is a relatively new specialty and the vast majority of patients present initially outside tertiary referral centres. Many conditions such as gallstones, acute and chronic pancreatitis, obstructive jaundice and malignancies of the liver, biliary tract and pancreas are still managed outside specialist centres or are not suitable for referral. Many general surgeons continue to manage these problems and in some parts of the world the geography and distances involved makes referral for specialist care difficult or impossible. The relative scarcity of specialist centres for the management of these difficult conditions also means that the majority of trainees do not get sufficient exposure prior their definitive appointment to equip them with the tools needed to confidently manage many of the problems they may face. Operative Solutions in Hepatobiliary and Pancreatic Surgery combines clearly written, practical text with over 200 illustrations and numerous flow charts which take the reader through the management of all the commonly encountered hepatobiliary and pancreatic pathologies and procedures. All aspects of hepatobiliary and pancreatic surgery are discussed in a clear and consistent style, while the flow charts are designed to be modified by the reader to adapt them to local practice and the facilities and expertise available. This book is invaluable for the senior trainee or newly appointed specialist who requires clear, practical advice on how to manage the wide range of problems that present to surgeons outside specialist centres.

Blumgart's Surgery of the Liver, Biliary Tract, and Pancreas

Included here is a discussion of the pathophysiological aspects and risks of laparoscopic staging (such as trocar metastases) on the basis of international experience.
Principles of Hepatic Surgery introduces the reader to current trends in Liver surgery knowledge and practice. This reference book covers liver surgery fundamentals as well as cutting-edge progress in this exciting surgical specialty. Contributions have been written by expert hepatic surgeons from major medical centers around the world. Key features include: Information organized into five comprehensive sections: i) Liver Anatomy and Perioperative Care, ii) Approach to Malignant Hepatic Disease, iii) Approach to Benign Hepatic Disease, iv) Technical Aspects of Liver Resections, and v) Liver Transplantation Over 350 illustrations Truly effective didactic text, with logical, clear explanations, giving readers a pleasant reading experience Commentary sections written by experts for specific surgical cases. Principles of Hepatic Surgery is a valuable reference for both novice hepatologists and practicing liver surgeons.

Blumgart's Video Atlas

Hepatobiliary Cancer addresses the field with contributions from talented practitioners from around the world in surgery, chemotherapy, radiation therapy, medical oncology, and integrative medicine. The text approaches these cancers by type - biliary and liver tumors - and in terms of diagnostic techniques and therapies: surgical, ablative, systemic and regional chemotherapies, biologic, and complementary. Hepatobiliary Cancer is essential reading for anyone expert in, or engaged in learning about, treating hepatobiliary cancers. Heavily illustrated with photomicrographs, photographs, drawings, and tables to support and illuminate the text, it is a concise, yet comprehensive guide to hepatobiliary cancer diagnosis and treatment.

Staging Laparoscopy

Dr. Leslie H Blumgart has developed an extensive library of high-quality, narrated, and captioned videos that present history, radiologic evidence, and operative procedures- from major and minor resectional procedures to biliary and pancreatic anastomotic techniques. Dr. Carlos U. Corvera has worked with Dr. Blumgart to contribute laparoscopic alternatives to these innovative and landmark surgeries. On DVD, and in print, this multimedia resource provides detailed, practical instruction on this challenging area of surgery. Master difficult, complex, and lesser-known surgeries through more than 10 hours of high-quality procedural videos narrated by Dr. Leslie H. Blumgart- a pioneer in the field. See how an expert handles difficult cases from clear illustrations and step-by-step discussions of procedures, including Dr. Blumgart's personal techniques. Get coverage of major and minor resectional procedures, biliary tract and pancreatic resection, biliary and pancreatic anastomotic techniques, and more- including newly pioneered minimally invasive procedures from Dr. Carlos U. Corvera.

Blumgart's Video Atlas: Liver, Biliary & Pancreatic Surgery E-Book

Operative Techniques in Surgery is a new comprehensive, 2-volume surgical atlas that helps you master a full range of general surgical procedures. Ideal for residents as well as experienced surgeons, it guides you step-by-step through each technique using concise, bulleted text, full-color illustrations, and intraoperative photographs to clarify exactly what to look for and how to proceed.

Management of Benign Biliary Stenosis and Injury

Hepatobiliary Cancer

Hepatobiliary and Pancreatic Surgery is part of the Master Techniques in Surgery Series,
which presents common and advanced procedures in the major subspecialties of general surgery. The series is overseen by Josef E. Fischer, MD, editor of the classic two-volume reference Mastery of Surgery. Hepatobiliary and Pancreatic Surgery depicts surgery of the liver, hepatobiliary tree, and pancreas, including cholecystectomy and hepatic resections. Both laparoscopic and open procedures are depicted. The book is written by acknowledged master surgeons, emphasizes surgical procedures, and is lavishly illustrated with original full-color drawings. Each chapter briefly assesses indications, contraindications, and preoperative planning before fully explaining and illustrating the procedure in step-by-step detail. Outcomes, complications, and follow-up are also discussed. Each chapter ends with a brief reference list. A companion website will offer the fully searchable content of the book and procedural videos.

**Operative Solutions in Hepatobiliary and Pancreatic Surgery**

**Video Atlas: Liver, Biliary & Pancreatic Surgery E-Book**

This book comprehensively describes the clinical details of anatomic hepatic resection using the Glissonean pedicle approach for hepatocellular carcinoma. It includes all aspects of the surgical anatomy of the liver, preoperative management of patients, surgical techniques, and intraoperative key points to prevent postoperative complications. The first three chapters provide a general introduction to the clinical anatomy of the liver, preoperative management of patients with hepatocellular carcinoma, basic techniques for hepatic resection using the Glissonean approach, and the application of dye staining in anatomic hepatic resection. Subsequent chapters present the technical details of anatomical segmentectomy (Couinaud’s classification), sectionectomy and hemi-hepatectomy for hepatocellular carcinoma using the modified suprahilar Glissonean approach. All of these hepatectomies can be performed using simple and easily available surgical instruments. In addition, it discusses precise transection of the deepest hepatic parenchyma guided by methylene blue staining. It is a useful and timely reference for hepatobiliary surgeons, clinical staff, and medical students.

**Common Bile Duct Exploration**

"Comprehensive and complete, Blumgart's Surgery of the Liver, Pancreas and Biliary Tract - edited by Dr. William R. Jarnagin and a team of experts- delivers the comprehensive, cutting-edge guidance you need to achieve optimal outcomes in surgery of the liver, biliary tract, and pancreas. Edited by a panel of experts and featuring contributions by many leading authorities, this 2-volume reference brings you the latest information on pathology, diagnostics, surgery, and non-operative intervention all in one source. At www.expertconsult.com you can not only access the complete contents online, but also an abundance of detailed illustrations and step-by-step procedural video clips from the Memorial Sloan Kettering video library that show you how to perform key procedures step by step."--Publisher's website.

**Hepatopancreatoduodenectomy**

**Blumgart's Surgery of the Liver, Biliary Tract and Pancreas**

Produced in association with the American Society of Transplantation, this new edition is full of practical advice for the next generation of transplant professionals. In addition to 5 organ-specific chapters: kidney, pancreas, heart, lung and liver, the book includes essential information on: immunobiology pharmacology donor management infectious complications pediatric transplantation general principles of patient management Fully updated and redesigned to make it even more user-friendly, the book now contains clinical vignettes, key point boxes, and self-assessment multiple choice questions in each chapter. Primer on Transplantation, Third Edition is an invaluable resource for all
health professionals in the transplant team including trainees, residents, fellows, physicians, surgeons, nurses and transplant co-ordinators. Purchasing this book entitles you to access to the companion website: www.astprimer.com The website includes: Interactive Multiple-Choice Questions for each chapter Figures from the book as Powerpoints for downloading All chapters online

Primer on Transplantation

This volume covers the pathophysiology, epidemiology, presentation, diagnosis, medical and surgical management of benign biliary stenosis. The book is uniquely structured in a way that allows areas of controversy to be highlighted through the use of a two chapter format for each topic. Each chapter topic is written by an expert in the field, with a second expert highlighting controversies and offering opposing viewpoints and treatment paradigms through a counterpoint chapter immediately following the primary chapter. The volume also features an array of diagrams and illustrations. As an authoritative text on the clinical care of patients with benign biliary stenosis, Management of Benign Biliary Stenosis and Injury: A Comprehensive Guide is a valuable resource for all practitioners involved in the care of these patients, including gastroenterologists, gastrointestinal surgeons, surgical oncologists, and transplant physicians.

Hepatobiliary Cancer

Tumors and Tumor-Like Lesions of the Hepatobiliary Tract

This handbook provides a comprehensive but succinct overview of medical and surgical management of diseases of the liver, pancreas, and biliary tree. It includes imaging of the pancreas and hepatobiliary system as well. Open and minimally invasive surgical management techniques are covered. Coverage includes pancreatic cancer and cysts, pancreatitis, complications of pancreatic surgery, ultrasound for liver disease, cirrhosis and portal hypertension, neuroendocrine and colorectal metastases to the liver, gallstones, cholesystitis, infections in biliary surgery, and more. Target markets include surgical residents, surgical nurses, beginning fellows in HPB training programs. There may also be some uptake from gastroenterologists.

Hepato-Pancreato-Biliary and Transplant Surgery

Handbook of Hepato-Pancreato-Biliary Surgery

Comprehensive and complete, Blumgart’s Surgery of the Liver, Pancreas and Biliary Tract - edited by Dr. William R. Jarnagin and a team of experts- delivers the comprehensive, cutting-edge guidance you need to achieve optimal outcomes in surgery of the liver, biliary tract, and pancreas. Edited by a panel of experts and featuring contributions by many leading authorities, this 2-volume reference brings you the latest information on pathology, diagnostics, surgery, and non-operative intervention all in one source. At www.expertconsult.com you can not only access the complete contents online, but also an abundance of detailed illustrations and step-by-step procedural video clips from the Memorial Sloan Kettering video library that show you how to perform key procedures step by step. Glean all essential, up-to-date, need-to-know information in one comprehensive reference that provides extensive coverage of pathology, diagnostics, surgery, and non-operative intervention as well as hepatobiliary and pancreatic surgery. Deepen your understanding of surgical anatomy to help with diagnosis, surgical operation, interventional radiology, and endoscopy.

Hepatobiliary Surgery
Minimally Invasive Cancer Management

Hepatopancreatoduodenectomy (HPD) is a radical new surgical procedure developed in Japan to treat patients with biliary tract carcinoma. The development and clinical application of HPD have been made possible through research conducted primarily by Japanese investigators on common routes of the spread of biliary tract carcinoma. Still regarded as a radical procedure because of its technical difficulty and possible complications, HPD is not yet widely practiced anywhere in the world. The authors of this volume, who are pioneers in the field, are convinced that recent progress in healthcare technology will make HPD a safer and more commonly accepted procedure in the near future. The book is designed to share the experience of Japanese researchers with those working in the field throughout the world. The contents include a review of the historical development of HPD in Japan, indications and conditions for HPD, perioperative examinations, and patient management. Also presented are practical aspects of surgical technique and countermeasures against postoperative complications.

Blumgart's Surgery of the Liver, Biliary Tract and Pancreas

Surgical Treatment

Liver cancers result in considerable amount of financial and social burden. On the other hand, researches and clinical studies related to liver cancers continue to advance at a rapid pace. The chapters in this book provide state-of-the-art reviews on the current knowledge and advances in research and management of liver cancers. It includes the most recent advances in that field, particularly, hepatocarcinogenesis and the potential
role of intestinal microbiota, nonalcoholic steatohepatitis, cancer stem cells, aldehyde dehydrogenase-1, and hepatitis B virus. This book also discusses the methods of diagnosis of HCC, the minimally invasive therapies for liver cancers, living donor liver transplantation for HCC, surgical management of liver metastases from colorectal cancers, and assessment and optimization for the future liver remnant.

**Surgery of the Liver, Biliary Tract, and Pancreas**

**Blumgart's Surgery of the Liver, Biliary Tract, and Pancreas: Expert Consult Online and Print**

During his years at Memorial Sloan Kettering Cancer Center, Dr. Leslie H. Blumgart developed an extensive video library of high-quality, narrated and captioned video of his personal techniques used to train surgeons worldwide. These videos present history, radiologic evidence, and operative procedures - from major and minor resectional procedures to biliary and pancreatic anastomotic techniques. Blumgart's Video Atlas: Liver, Biliary & Pancreatic Surgery, 2nd Edition, compiles these outstanding videos, along with laparoscopic alternatives to these landmark surgeries from Dr. Carlos U. Corvera, into one outstanding multimedia resource that brings you fully up to date with innovative and advanced techniques in hepatobiliary and pancreatic surgery. Covers diseases of the liver, biliary tract, and pancreas, both in print and on more than 120 videos. Offers step-by-step discussion of open surgical procedures by world renowned surgeon Dr. Les Blumgart, allowing you to see clearly how an expert handles a difficult case. Includes an expanded number of minimally invasive laparoscopic techniques for the management of liver disease and pancreatic tumors, contributed by Dr. Carlos Corvera. Features a new chapter on laparoscopic hepatectomy techniques, as well as several new videos that showcase totally laparoscopic approaches to major hepatectomy, and the benefits of a hand-assisted laparoscopic approach. Details recent advances in laparoscopic liver and pancreatic surgery, modifications to open right hepatectomy (a "bottom-up" approach), right hepatectomy for donor liver transplant, and management of rare complications of gallstones disease. Includes both conceptual and imaging anatomy in print, including new cadaver dissections, allowing you to better understand surgeries preoperatively and consider the impact of anatomy and disease on the surgical procedure. Enhanced eBook version included with purchase. Your enhanced eBook allows you to access all of the text, figures, and references from the book on a variety of devices.

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