This text will serve as a guide for both the head and neck surgeon and the general surgeon in the technical and clinical aspects of transformative transoral neck surgery. It provides the reader with a comprehensive understanding of transoral approaches, including surgical indications, techniques, and outcomes. Such indications include thyroid disease, parathyroid disease, neck dissection, and other head and neck pathology. Instrumentation, setup, and the role of additional technologies such as nerve monitoring and robotics are reviewed in depth, followed by additional chapters on techniques, pearls, pitfalls, controversies, and challenging cases. The volume concludes with the current state of robotics in transoral surgery, and takes a look at future directions. Written and edited by experts in the field, Transoral Neck Surgery will be a valuable guide for the thousands of clinicians implementing this surgery.

Topics in this publication include Thyroid Disease and Where the Field is Going; Surgical Anatomy of Thyroid and Parathyroid Glands; Ultrasonography and Thyroid Disease; FNA Cytopathology; Surgical Management of Thyroid Disease; Surgical Management of Cervical Lymph Nodes in Well Differentiated Thyroid Cancer; Management of Locally Invasive Disease; Post-operative Management of Well Differentiated Thyroid Cancer; Reoperation for Recurrent/Persistent Well Differentiated Thyroid Cancer; Molecular Biology and Targeted Therapies for Well Differentiated Thyroid Cancer; Imaging of Parathyroid Glands; Surgical Management of Parathyroid Disease; Considerations for 2-degree and 3-degree Hyperparathyroidism; and Management of
Parathyroid Carcinoma; among others.

This atlas offers precise, step-by-step descriptions of robotic surgical techniques in the fields of otolaryngology and head and neck surgery, with the aim of providing surgeons with a comprehensive guide. The coverage encompasses all current indications and the full range of robotic surgical approaches, including transoral, transaxillary, transmaxillary, and transcervical. Key clinical and technical issues and important aspects of surgical anatomy are highlighted, and advice is provided on ancillary topics such as postoperative care and robotic reconstructive surgery. Robotic surgery has proved a significant addition to the armamentarium of tools in otolaryngology and head and neck surgery. It is now used in many centers as the workhorse for resection of oropharyngeal and laryngeal tumors, thyroid surgery, and base of tongue resection in patients with obstructive sleep apnea. The da Vinci robotic system, with its three-dimensional vision system, is also excellent for parapharyngeal, nasopharyngeal, and skull base resections. This superbly illustrated book, with accompanying online videos, will be ideal for residents in otolaryngology–head and neck surgery and skull base surgery who are working in a robotic cadaver lab and for specialists seeking to further improve their dissection techniques.

This volume is a practical and thoroughly illustrated guide to minimally invasive endocrine surgery, the next frontier for laparoscopic surgery. Written by international experts, most of whom are the developers of these procedures, this text is organized according to anatomic region. Sections on the pituitary, thyroid, parathyroid, thymus, adrenal, and pancreas follow an introduction. Designed to familiarize practitioners with laparoscopic anatomy, this exciting new volume contains full-color illustrations of the anatomy of each region as well as the surgical procedures. General as well as head and neck surgeons will find this a valuable addition to their practice.

Head and Neck Surgery and Oncology, by Drs. Jatin P. Shah Snehal G. Patel, and Bhuvanesh Singh, offers you authoritative, multidisciplinary guidance on the latest diagnostic and multidisciplinary therapeutic approaches for head and neck cancer. With this medical reference book, you'll have all the help you need to offer your patients the best possible prognoses and to optimally preserve and restore form and function. Overcome any challenge in head and neck surgery with comprehensive coverage of the scalp, skull base, paranasal sinuses, oral cavity, pharynx, larynx, cervical lymph nodes, thyroid, salivary glands, and soft tissue and bone tumors - from incidence, diagnosis, and work up through treatment planning, operative techniques, rehabilitation, and outcomes. Increase your understanding of head and neck oncology with this completely reorganized edition, presenting a uniform flow of topics, which includes the latest information on Diagnostic approaches, staging, algorithms for selection of therapy, and outcomes of treatment for head and neck tumors. Offer today’s best treatment options with outcomes of therapy data from the NCDB, institutional data from MSKCC, and evidence-based information Diagnose patients using the latest advances in radiographic imaging, diagnostic pathology and molecular biology. Take fullest advantage of every multidisciplinary management approach available including radiation oncology, medical oncology (including targeted therapies), maxillofacial prosthodontics and dental oncology, surgical procedures for salvage of recurrences after chemoradiation therapy, and rehabilitation measures to
improve functional outcomes (speech, swallowing, etc.). Understand the nuances of day-to-day practical care of patients with basic operating room techniques and technology, intraoperative decisions, and post operative care for patients undergoing head and neck surgery. Know what to look for and how to proceed with sequential operative photographs of each surgical procedure and full-color artwork to demonstrate anatomical relationships. Particular emphasis is placed on surgical management of patients after chemo-radiotherapy, reflecting the changing paradigms in head and neck oncology and the special challenges that confront modern day head and neck surgeons. This comprehensive text will assist in improved survival and preserving and restoring form and function with the surgical treatment of tumors.

Natural Orifice Translumenal Endoscopic Surgery (NOTES) has the potential to change the practice of surgery as we know it. Proponents say advantages over laparoscopic surgery include lower anesthesia requirements, faster recovery and shorter hospital stays, avoidance of transabdominal wound infections, less immunosuppression, better postoperative pulmonary and diaphragmatic function, and the potential for "scarless" abdominal surgery. In this text/video set, the leading world expert in NOTES shares his experience. Three sections cover fundamentals, current clinical applications and techniques, and future perspectives.

This book addresses a wide range of topics relating to head and neck and endocrine surgery, including: maxillofacial injuries, surgery of the scalp, surgery of the salivary glands, jaw tumors, surgery of the oral cavity (lips, tongue, floor of the mouth, and palate), swellings and ulcers of the face, inflammation in the neck, cervical lymphadenopathy, midline and lateral neck swellings, tumors of the pharynx, and endocrine surgery (thyroid gland, parathyroid glands, suprarenal glands, and neuroendocrine tumors). The aim is to clearly describe and illustrate how to diagnose and treat diverse conditions in accordance with evidence-based practice. The coverage thus extends beyond surgical indications and procedures to encompass aspects such as anatomy, clinical presentation, and imaging diagnosis. The book has been structured in such a way as to facilitate quick reference. While it is primarily intended for practitioners, it will also be suitable for upper graduate students.

Clinically focused chapters take an evidence-based approach to the management of pediatric surgical patients for residents in training and general surgeons in practice. Targets the practitioner who is well-versed in the basic tenets of patient care but who seeks to benefit from the expertise of a seasoned expert. A practical guide in the everyday clinical care of pediatric surgical patients for the advanced reader.

Examines disorders of the thyroid, parathyroid, and adrenal glands as well as neuroendocrine tumors of the pancreas and gastrointestinal tract. Leading authorities from around the world discuss diagnosis, localization, intraoperative management, and surgical therapy for the full range of endocrine conditions. Considers etiology, embryology, anatomy, clinical manifestations, and diagnostic and localization procedures as well as surgical and other treatment modalities for the full range of endocrine disorders. Reviews rationales, pre-operative considerations, operative techniques, and post-operative treatment for each procedure as well as
the benefits, risks, controversial issues, and cost-effectiveness of each approach.

Operative Dictations in General and Vascular Surgery, Second Edition is intended to teach residents the principles of succinct and precise operative dictations for a wide spectrum of surgical procedures. Designed as a portable resource, the book provides typical dictations to guide the resident. Comprised of 226 procedures, this new edition comprises the majority of procedures commonly performed by general and vascular surgeons. For each procedure, a list of common indications is given. This list covers 95% of the situations in which a particular procedure will be used. A list of essential steps follows. These can be used to mentally rehearse the procedure before it is performed. The next heading, Note these technical variations, introduces a list that is intended to prompt the surgeon for particular things to note and dictate within the template. A list of possible complications that are typically associated with that particular surgical procedure follows. Finally, a template operative dictation is provided. Common opening and terminating sequences (for example, how to enter and close the abdomen) in all laparotomy dictations are included.

The volume has two primary objectives. First, it is designed to serve as a source of model operative dictations that may be individualized and used as templates. Second, it is intended as an aide-memoir, giving the surgeon a short list of pertinent information about each procedure. Ample space is provided to allow each surgeon to add notes. By reviewing this introductory material before scrubbing on a procedure, the trainee surgeon will enter the operating room better prepared to participate actively and to learn as much as possible. At the end of training, this book, with the notes accumulated by the resident, will serve as an invaluable review resource analogous to the individualized notebooks many surgeons keep. Operative Dictations in General and Vascular Surgery, Second Edition is intended for practicing surgeons, who may modify each template to reflect their own individual practice. It also serves as a concise reminder of essential steps in those operations that may be only rarely performed.

Basic Concepts in Head and Neck Surgery and Oncology is a comprehensive guide to the fundamentals of surgery for cancers of the head and neck, with emphasis on the diagnosis and management of specific types of tumour. The book is divided into 34 chapters across seven sections, each section covering a different part of head and neck anatomy. Areas covered include thyroid, salivary glands and parapharyngeal tumours, neck, paranasal sinuses, oral cavity and oropharynx, larynx, hypopharynx and nasopharynx. Each section is divided into pathology, imaging and practical management guidelines, simplifying difficult concepts with a coherent format. The final section on general topics addresses chemotherapy, radiotherapy, molecular biology, head and neck reconstruction, and recent advances in head and neck cancer, to ensure Basic Concepts in Head and Neck Surgery and Oncology is fully up to date. Enhanced by nearly 200 full colour images and illustrations, this book is an essential source of reference for otolaryngologists, oncologists, clinicians and medical students. Key Points Guide to the fundamentals of surgery for cancers of the head and neck Seven sections covering major parts of head and neck anatomy Clear format, with each section divided into pathology, imaging and practical management Nearly 200 full colour images and illustrations

This book will bridge a gap between the huge platform of literature available about thyroid surgery and the practical working reality. The pearls in techniques and surgical procedures will be exhaustively detailed with authors' individual experience enriched with
quality photographs. It covers management of large/massive multinodular goiters which are the hallmark of Indian Thyroids. However, the emphasis will be more on applying this knowledge to a given patient and would largely revolve around this theme. It aims to provide a take home message in controversial areas and is a ready reference to all interested in learning science and craftsmanship of thyroid surgery. Key Features Covers all topics comprehensively with a practical approach Inclusion of guidelines adds value to the content Discusses all investigatory modalities Consists of useful surgical tips with exhaustive operating photography Features large anatomical illustrations with cadaveric dissections

Robotic Surgery in Otolaryngology, Head & Neck Surgery demonstrates the advantages of robotic surgery, providing guidance on accessing parts of the head and neck which are difficult to visualise, and are manually inaccessible to the surgeon. The book is divided into thirteen chapters across four sections. The first section covers transoral robotic surgery (TORS), a procedure to remove oral cancers whereby a surgeon uses a sophisticated, computer-enhanced system to guide the surgical tools (mayoclinic.org). The second section provides information on robotic thyroid surgery. The third section covers head and neck reconstruction using TORS and the final section discusses forms of robotic surgery currently in development. Robotic Surgery in Otolaryngology, Head & Neck Surgery is a forward-thinking book, written by leading practitioners and edited by US based specialist Nilesh R Vasan from the University of Oklahoma Health Sciences Centre. With nearly 200 full colour images and illustrations, including many diagrams, this is an invaluable guide to current and future technologies in robotic surgery for otolaryngologists, and head and neck surgeons. Key Points Guide to robotic surgery in head and neck surgery Describes robotic procedures currently in development Nearly 200 full colour images and illustrations Edited by US-based specialist Nilesh R Vasan at the University of Oklahoma Health Sciences Centre

Thieme congratulates Dr. Eric M. Genden on being chosen by New York magazine for its prestigious 'Best Doctors 2018' list! Head and Neck Cancer: Management and Reconstruction, 2nd Edition by Eric M. Genden masterfully blends two lauded Thieme books, Reconstruction of the Head and Neck, focusing on defect repair, and Head and Neck Cancer, a multidisciplinary, evidence-based approach to treatment. A significant increase in the incidence of oropharyngeal cancer in the U.S. and other countries, especially among men, is attributed to high-risk subtypes of the human papillomavirus (HPV). HPV associated tonsillar cancer and base of tongue cancer account for 90% of all oropharyngeal squamous cell carcinoma. Internationally renowned authors share the latest knowledge on HPV and other causes of head and neck cancers, from diagnosis to cutting-edge treatments. Thirty richly illustrated chapters feature open and endoscopic ablative techniques for treating a full spectrum of carcinomas and associated defects of the buccal, mandible and composite, laryngeal, hypopharyngeal, and parotid. The book encompasses the nuances of each pathology, step-by-step procedural guidance, clinical pearls, and the latest reconstructive techniques such as 3-D. For each disease, the authors discuss management concepts followed by principles of reconstruction and functional rehabilitation. Special topics include patient surveillance, monoclonal antibodies and immunotherapy, microvascular reconstruction, and minimizing wound complications. Key Features State-of-the-art management of carcinomas impacting the oral and nasal cavities, salivary glands, oropharynx, hypopharynx, larynx, thyroid, anterior skull base, skin, and more A chapter devoted to transoral robotic management
Access Free Endoscopic Thyroidectomy The Transoral Approach

of the oropharynx includes epidemiology, etiology, anatomy, staging, clinical presentation, diagnosis, work-up, and case studies. More than 300 high-quality illustrations and photos elucidate complex anatomy and surgical approaches. Concise videos posted online in the Thieme MediaCenter provide insightful hands-on surgical guidance. This is the definitive, one-stop resource on the use of ablative and reconstructive approaches for head and neck cancers. Residents, fellows, and veteran practitioners in otolaryngology—head and neck surgery, radiation oncology, and medical oncology will benefit from this comprehensive reference.

**Neck Dissection - Clinical Application and Recent Advances** is a leading book in neck surgery and represents the recent work and experiences of a number of top international scientists. The book covers all techniques of neck dissection and the most recent advances in neck dissection by advocating better access to all techniques of neck dissection; e.g. Robotic surgery (de Venice) system, a technique for detection of lymph node metastasis by ultrasound and CT scan, and a technique of therapeutic selective neck dissection in multidisciplinary treatment. This book is essential to any surgeon specializing or practicing neck surgery, including Head Neck Surgeons, Maxillofacial Surgeons, ENT Surgeons, Plastic and Reconstructive Surgeons, Craniofacial Surgeons and also to all postgraduate Medical.

This Atlas is designed to illustrate different techniques on how to perform successful parathyroidectomy by using traditional four gland exploration approach and minimally invasive approaches, such as the open minimally invasive approach, video-assisted approach, back-door approach, transoral endoscopic parathyroidectomy approach (TOEPVA), and endoscopic lateral parathyroidectomy approach. It illustrates removal of a right and left, and superior and inferior parathyroid glands. Written by renowned endocrine surgeons and experts in the field, each chapter begins with a case description that defines the main aspect of surgery. Each picture, which is taken intraoperatively, is accompanied by corresponding drawings for easier understanding of the anatomical structures and steps of the procedure. In addition, most of the authors provided a video of the same case as it is depicted in the chapter. The Atlas also gives some common pitfalls of the procedure in an effort to avoid complications and improve patient outcomes. Atlas of Parathyroid Surgery provides an indispensable source of knowledge to all surgeons, those who just started their career, and those who are in the more advanced stages of their practice and are learning new techniques of parathyroidectomy.

This book is a unique in-depth and comprehensive reference that covers all surgically relevant thyroid and parathyroid diseases and presents the latest information on their management. International authorities discuss operative techniques and treatments in detail and explain the rationales for their favored approaches. The topics of this second edition include the description of surgically relevant pathologies, preoperative surgical evaluation, decision making, and operative strategies for the various thyroid and parathyroid diseases. In addition, experts present the molecular basis for thyroid neoplasia, review the current understanding of the genetics of inherited thyroid and parathyroid diseases, and discuss the management of recurrent and locally invasive thyroid cancer. Evolving modern operative techniques such as neuromonitoring and minimally invasive (videoscopic) approaches to the
thyroid and parathyroids are also covered.

Thyroid cancer is being increasingly diagnosed nowadays. This situation has attracted the attention of scientists and physicians alike and new applications in diagnosis and treatment are being developed and used. There are many cases associated with thyroid cancer and in this book, thyroid cancer is examined in various aspects.

Up-to-date and evidence-based, *Updates on Treatment and Management of Endocrinopathies* provides an overview of recent developments regarding the most prevalent endocrine disorders. A concise, easy-to-read reference for endocrinologists and endocrine surgeons, this timely reference includes an overview of each disorder as well as diagnosis, management, treatment, prognosis, and a summary by a renowned expert who has contributed to the most current literature. Addresses endocrine diseases of the thyroid, parathyroid, and adrenal glands as well as familial endocrine syndromes: multiple endocrine neoplasia type 1 and 2 (MEN). Includes both surgical and nonsurgical treatments. Consolidates today's available information on this timely topic into one convenient resource.

Head and neck surgery for benign and malignant disease is undergoing a groundbreaking transformation. Robot-assisted surgery is quickly being recognized as a significant innovation, demonstrating the potential to change treatment paradigms for head and neck disease. State-of-the-art robotics enables surgeons to access complex anatomy using a more minimally invasive approach, with the potential to improve patient outcome and reduce surgical morbidity. Learn from international clinicians who have pioneered new paths in the application of robotic-assisted surgery. Throughout the 16 chapters of this book, the authors provide comprehensive discussion of robotic surgical procedures for diseases affecting the oropharynx, larynx, hypopharynx, parapharyngeal space, thyroid, neck, and skull base. Key Features: Fundamental training and education—from ethical considerations and room set-up—to avoiding complications and clinical pearls Ten videos on the treatment of squamous and spindle cell carcinomas 150 superb illustrations enhance the didactic text Although further innovations and refinement of this technology will be forthcoming, the current state of robotic surgery encompassed in these pages lays a foundation for today and inspiration for tomorrow’s advancements. The book is an invaluable resource for surgeons and residents interested in learning about and incorporating surgical robotics into otolaryngology practice, and will also benefit medical and radiation oncologists.

This color atlas is a detailed guide on how to perform open, endoscopic, and robotic thyroidectomy techniques safely and effectively. Each chapter offers step-by-step descriptions of essential surgical procedures and techniques. Relevant information is included on surgical anatomy, and clear guidance is provided on preoperative set-up, draping, instrumentation, and complications and their treatment. The description of endoscopic thyroidectomy techniques focuses on the bilateral axillo-breast approach (BABA), while in the case of robotic thyroidectomy both BABA and the bilateral axillo-postauricular approach are described. In each case, the evidence supporting the technique is carefully examined. In the closing chapter, the role of new energy sources in thyroid surgery is discussed. The lucid text is supported by more than 200 full-color illustrations clarifying surgical anatomy,
instrumentation, and procedures, and surgical video clips are also available to readers via a website. This atlas will be invaluable in enabling surgeons to achieve optimal outcomes when performing thyroid surgery.

This practical surgical atlas focuses on a variety of surgical procedures in a portable format, allowing students, residents and even attending surgeons to carry it around with them throughout the day to check up on operations at any given time. The comprehensive illustrations help the reader to understand the procedures described, thanks to inter-operative photographs which provide accurate representations of the various techniques of the operations. The wide scope of this book ensures coverage of the most common general surgery procedures and the most common operations that faculty, residents and students encounter.

Bringing together more than over 120 expert contributors from otolaryngology, general surgery, endocrinology, and pathology, Surgery of the Thyroid and Parathyroid Glands, 3rd Edition, presents an interdisciplinary approach to surgical management and treatment of benign and malignant disease. This renowned text/atlas is an ideal resource at all levels of surgical experience: for residents and junior surgeons, it clearly provides all relevant anatomy, surgical procedures, and workup; for experienced surgeons, it details the management of difficult cases, including revision surgery. Highly illustrated and accompanied by dozens of videos, this edition brings you up to date with the full continuum of care in thyroid and parathyroid surgery. Easy-to-follow, templated chapters cover preoperative evaluation, surgical anatomy, intraoperative techniques, and postoperative management, for a full range of disorders of the thyroid and parathyroid glands. More than 30 procedural videos walk you step by step through minimally invasive thyroid surgery, surgical anatomy and monitoring of the recurrent laryngeal nerve, surgery for locally advanced thyroid cancer and nodal disease, and more; plus 23 chapter guide videos from the authors with Surgical Text Video Editor-in-Chief Gregory W. Randolph, Jr. Coverage of cutting-edge topics includes recurrent laryngeal nerve monitoring, minimally invasive surgery and the role of PET in staging and surgical planning. Expert guidance on thyroid cancer, including multiple chapters on PTC, MTC and HCC, ATC and NIFTP. New chapters cover medical oncology and TKI therapy. Extensive coverage of key topics such as FNA mutational analysis, transoral and minimally invasive surgery, recurrent laryngeal nerve monitoring, management of RLN paralysis, all aspects of parathyroid disease, ethics, malpractice, and more.

This book describes in detail the various techniques of minimally invasive thyroidectomy that have emerged in recent years and presents the new supportive equipment, including intraoperative monitoring and energy devices. In addition, the basic preoperative techniques that are a prerequisite to successful thyroidectomy are covered, and individual chapters are devoted to complications, outcomes, and post-thyroidectomy quality of life. Important related topics are also discussed, including guidelines for managing papillary and medullary thyroid cancer and the surgical management of metastatic lymph nodes. Both the editors and the authors are internationally renowned experts, and they include the founders of several of the techniques described. The up-to-date text is supplemented by many color pictures and medical illustrations, making the book very user-friendly and ideal for the busy surgeon or endocrinologist who is interested in the management of thyroid diseases.
This book describes the current state of robotics in plastic and reconstructive surgery. It examines existing clinical applications, emerging and future applications and evolving technological platforms. Concise yet comprehensive, this book is organized into four sections. It begins with an introduction to robotic microsurgical training and robotic skills assessment, including crowdsourced evaluation in surgery. Section two explores a variety of robotic clinical application, including robotic breast reconstruction, robotic mastectomy, robotic cleft palate surgery and robotic microsurgery in a urologic private practice. Following this, section three addresses the opportunities and challenges an interested surgeon might face when considering incorporating this technology into their practice. To close, the final section discusses new microsurgical robotic platforms and the potential directions this technology may take in the future. Supplemented with high quality videos and images, Robotics in Plastic and Reconstructive Surgery is an invaluable resource for both plastic surgeons and multi-specialty micro-surgeons.

Minimally Invasive and Robotic Thyroid and Parathyroid Surgery is the first textbook which includes a comprehensive review of both minimally invasive and robotic thyroid and parathyroid techniques. Over the last several years there has been a rapid expansion in the number of different surgical approaches available to patients undergoing thyroid and parathyroid surgery. This book consolidates these in one source and focuses on both the philosophy and techniques of these procedures. For thyroid surgery, the text covers the full range of minimally invasive procedures and several of the most widely adopted remote access techniques. Several related procedures are also discussed, including minimally invasive approaches to central and lateral neck dissection. For parathyroid surgery, several minimally invasive techniques are covered, including radioguided surgery. Written by experts in the field of thyroid and parathyroid surgery, Minimally Invasive and Robotic Thyroid and Parathyroid Surgery serves as a critical resource for both experienced and less experienced surgeons, fellows, residents, and students interested in understanding the breadth of this field or learning the specific steps of a particular technique.

Abstract

Background: Transoral endoscopic thyroidectomy vestibular approach (TOETVA) has been reported to be safe with minimal trauma and superior cosmetic outcome. Our retrospective audit study primarily aimed at analyzing perioperative complications in patients undergoing TOETVA at an Asian tertiary referral center.

Methods: The demographic and anthropometric data as well as perioperative and postoperative complications of 124 patients undergoing TOETVA at Chi Mei medical center from October 2015 to March 2017 (i.e., 18 months) were retrospectively reviewed. To determine the effect of operative experience on the incidence of complications, the study period was divided into two phases (i.e., Phase 1 and Phase 2) with the study patients equally divided into two groups after the first introduction of TOETVA.

Results: Totally 124 patients (110 females and 14 males) were studied. The median age was 46.5±12 years (Table 1). The incidence of major perioperative complications was in the order of massive subcutaneous emphysema (58.1%), difficult breathing with or without stridor (9.7%), tracheal tube cuff rupture (3.2%), and cervical hematoma (1.6%) (Table 2). All patients were discharged from hospital without long-term sequelae. The operating time (p=0.005), anesthesia time (p=0.024), and complications rate (p

Each year, Advances in Surgery reviews the most current practices in general surgery. A distinguished editorial board, headed by
Dr. John Cameron, identifies key areas of major progress and controversy and invites preeminent specialists to contribute original articles devoted to these topics. These insightful overviews in general surgery bring concepts to a clinical level and explore their everyday impact on patient care.

A concise, compact, and handy manual: revised and extended In this unique volume, leading international experts share their experiences in the management of head and neck tumors, providing a guidebook for all surgeons dealing with head and neck neoplasms. Each chapter offers a concise description of useful 'pearls' and dangerous 'pitfalls' which must be avoided. Contributions cover topics from thyroid glands, neck metastases, and oral tumors to laryngeal, pharyngeal, and nasopharyngeal tumors, as well as salivary gland tumors, skull base tumors, and reconstruction surgery. In addition to frequent diseases which are encountered in everyday practice, some new therapeutic topics such as video-assisted thyroidectomy, robotic surgery, and management of the neck after organ preservation treatment are discussed. The 2nd edition has been extended by topical chapters of major practical interest including the latest findings and techniques. The new chapters are clearly indicated and can be recognized easily. Head and neck surgeons, otolaryngologists, neurosurgeons, maxillofacial surgeons, plastic surgeons, radiation and clinical oncologists, and general surgeons, as well as students and residents interested in the management of head and neck tumors, will find this publication an indispensable manual.

Covering both surgical and anesthetic considerations, Anesthesiologist’s Manual of Surgical Procedures, Sixth Edition, is an essential resource for formulation of an anesthetic plan and perioperative management of patients. All chapters are written by both surgeons and anesthesiologists, giving you a detailed, real-world perspective on the many variables that accompany today’s surgical procedures.

This updated volume provides a comprehensive guide to the recent developments of digital and intelligent technologies related to genitourinary surgery. New topics include the adaptation of simulators, training programs, standardized credentialing, evidence-based practice, as well as the economics of robotic surgery. The impact on public and global health is also covered. Robotics in Genitourinary Surgery aims to help surgeons and patients adopt the techniques and procedures discussed, and in turn educate and expand research activities within the field.

A state-of-the-art resource on head, neck, and skull base surgical procedures in children Pediatric otolaryngology is a rapidly expanding field with remarkable technological advances that have improved the quality of life for young patients. Many highly complex pediatric head and neck procedures are not commonly performed, resulting in a paucity of resources. Atlas of Pediatric Head and Neck and Skull Base Surgery by renowned surgeons Dan M. Fliss, Ari DeRowe, and an impressive group of interdisciplinary innovators fills a gap in the literature. The richly illustrated atlas features a detailed discussion and guidance on groundbreaking surgeries developed and currently performed by top academic surgeons in the field, many of whom contributed to
this book. The introductory section lays a solid foundation of knowledge, with discussion of pediatric anatomy, distinctive
topography of the skull base, anesthesia and pain control considerations, and imaging modalities. Fifty-four subsequent chapters
encompass a rich spectrum of approaches and pediatric pathologies, organized by head and neck; skull base and craniofacial;
airway, voice, and swallowing; trauma; and reconstruction sections. Surgical chapters include an introduction; evidence-based
guidelines; preoperative, anesthetic, intraoperative and postoperative considerations; techniques and positioning; extensive
references; and more. Key Features Concise, targeted descriptions of preoperative, perioperative, and postoperative
considerations enhance the ability to deliver high-quality surgical care and achieve optimal outcomes Bulleted list of highlights at
the end of each surgical chapter provide a quick reference Detailed, high-quality color illustrations and surgical photographs
enhance understanding of impacted anatomy and techniques This is an essential reference for otolaryngology, maxillofacial,
plastic reconstructive, and neurosurgery residents, as well as for pediatric otolaryngology and head and neck fellows. Practicing
head and neck surgeons and pediatric otolaryngologists will also find it beneficial.

Emergent operative technologies and surgical approaches have transformed today’s otolaryngology-head and neck surgery, and
the 3rd Edition of Operative Otolaryngology brings you up to date with all that’s new in the field. You’ll find detailed, superbly
illustrated guidance on all of the endoscopic, microscopic, laser, surgically-implantable, radio-surgical, neurophysiological
monitoring, and MR- and CT-imaging technological advances that now define contemporary operative OHNS – all in one
comprehensive, two-volume reference. Covers everything from why a procedure should be performed to the latest surgical
techniques to post-operative management and outcomes – from experts in otolaryngology, plastic surgery, oral and maxillofacial
surgery, neurological surgery, and ophthalmology. Features a newly streamlined, templated chapter format that makes information
easier to access quickly. Combines all pediatric procedures into one comprehensive section for quick reference. Offers expanded
coverage of endoscopic techniques for cranial base surgery, plus information on the latest endoscopic cancer techniques
including robotic surgery, minimally invasive thyroid surgery, and new techniques for the treatment of obstructive sleep apnea
including implantable nerve stimulators. Contains state-of-the-art guidance on the ear/temporal bone/skull base, including fully-
and semi-implantable auditory implants, vestibular implants, imaging advances, radiosurgical treatment of posterior fossa and
skull base neoplasms, intraoperative monitoring of cranial nerve and CNS function, minimally-invasive surgical approaches to the
entire skull base, vertigo and postural disequilibrium, and much more.

Offering a practical, clinically focused approach to the use of the three-dimensional exoscope in the field of otolaryngology-head
and neck surgery, Exoscope Assisted Surgery in Otorhinolaryngology is an up-to-date, expert guide to the optimal use of this new
technology. Written by surgeons with extensive experience in this fast-changing area, this title is an excellent resource for
otolaryngologists and oral and maxillofacial surgeons who need a better understanding of the advantages of exoscope technology
and its use in various surgical procedures. Synthesizes current evidence-based literature and personal experience regarding the
use of exoscopes in otolaryngology-head and neck surgery. Offers a practical approach focused on clinical decision making.
Explains exoscopic technology and offers helpful comparisons between the exoscope and microscope in various surgeries. Covers microlaryngeal surgery, laser-assisted endoscopic laryngeal surgery, ear surgery, lateral skull base surgery, exoscope assisted dacryocystorhinostomy, free flap harvesting, and much more. Consolidates today’s available information on this timely topic into a single, convenient resource.

The second edition of Endocrine Surgery is a comprehensive update of the previous edition published in 2003. Edited by three leading authorities in the field of surgical endocrinology, the book encompasses the clinical, imaging, nuclear, molecular, technological and evidence-based principles that are applied in the diagnosis and treatment of all categories of endocrine tumors. Authored by experts from across the globe, this textbook reflects the best international clinical practice and also provides an outstanding educational resource. With full color illustrations throughout, the new edition emphasizes contemporary approaches in successive stages including: pituitary endocrine tumors; pathology and pathophysiology of pulmonary neuroendocrine cells; surgery of endocrine tumors of the lungs and thymus; robotic endocrine surgery; molecular testing of thyroid nodules; pediatric surgery for neuroblastoma and ganglioneuroma; multiple endocrine neoplasia; retroperitoneoscopic adrenalectomy; radionuclide imaging of carcinoid tumors, pancreas and adrenals; serotonin-induced cardiac valvular disease and surgical treatment; multimodal management of primary and metastatic neuroendocrine tumors; pathophysiology and surgery of Type II diabetes; post-bariatric surgery hyperinsulinemic hypoglycemia; and surgical management of metabolic syndrome. Endocrine Surgery 2e provides the clinician with a definitive resource to reach curative outcomes in the treatment of patients with endocrine pituitary, thyroid, and parathyroid entities. Further coverage of broncho-pulmonary, adrenal, pancreatic, and intestinal neoplasia is also included, making this the definitive textbook on the subject. Demetrius Pertsemlidis, MD FACS The Bradley H. Jack Professor of Surgery, Icahn School of Medicine at Mount Sinai, New York, USA William B. Inabnet III, MD FACS Professor of Surgery and Chief, Division of Metabolic, Endocrine and Minimally Invasive Surgery, Icahn School of Medicine at Mount Sinai, New York, USA Michel Gagner, M.D. FRCSC, FACS, FASMB Clinical Professor of surgery, Herbert Wertheim School of Medicine, Florida International University, Miami, FL and Senior consultant, Hôpital du Sacre Coeur, Montreal, Quebec, Canada Print Versions of this book also include access to the ebook version.

This book is a comprehensive guide to head and neck surgery, for students, residents and consultants in various disciplines including otolaryngology, head and neck surgery, general surgery, neurosurgery, plastic surgery, maxillofacial surgery, facial rehabilitation and oncology. The book presents 53 chapters providing step by step, up to date surgical techniques, featuring detailed images and illustrations of each step of the operation. Numerous intra-operative photographs enhance understanding of complex surgical procedures. Written by a highly experienced, international author and editor team, some of whom designed and established head and neck reconstruction and rehabilitation techniques, this manual includes major classical and contemporary references, as well as summary points, at the end of each chapter. Key points Comprehensive guide to head and neck surgery for students, residents and consultants in many surgical disciplines Emphasis on surgical techniques Includes more than 1075 full colour images, illustrations and intra-operative photographs Highly experienced, international author and editor team