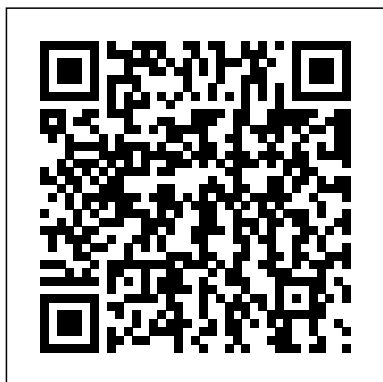


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# Course Guide Surgical Technology

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## **Ethics, Legal Issues and Professionalism in Surgical Technology** F.A. Davis

Deliver the best patient care before, during, and after surgery with this straightforward, step-by-step guide to surgical skills and operating room procedures. It provides comprehensive coverage of all the updated AST Core Curriculum, 6th Edition components - health care sciences, technological sciences, patient care concepts, surgical

technology, and surgical procedures. A mentoring approach makes even complex skills and techniques easy to understand. User-friendly features such as full-color illustrations, chapter outlines and summaries, review questions, critical thinking exercises, and technique boxes help you focus on the most important concepts and make it easier to retain and recall critical information. Chapter objectives correspond to the latest AST Core Curriculum objectives to ensure you have access to the most reliable information in the operating room. Enhanced critical thinking scenarios at the end of each chapter help you strengthen your critical thinking and clinical decision-making skills and highlight practical applications of key concepts. Additional information on special populations, including bariatric, pregnant, physically or mentally challenged, isolation, trauma, language

barrier, and substance abuse patients, highlights important considerations for the surgical technologist regarding transfer, preparation, and procedure set up. Expanded coverage of surgical lasers keeps you up to date with the latest technology so you can effectively assess the function, assembly, use, and care of equipment in the surgical suite. UPDATED! Coverage reflects the new AST Core Curriculum, 6th Edition to keep you current. NEW! Chapters on Disaster Preparedness and Response and Transplant Surgery offer cutting-edge information on these key topics. Coverage of the Assistant Circulator role, as well as a break down of first and second scrub roles, help you better understand the responsibilities of each member of the surgical team.

[Lange Q&A Surgical Technology Examination, Sixth Edition](#) Elsevier Health

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## Sciences

Prepare to deliver the best patient care before, during, and after surgery with this approachable guide to surgical skills and operating room procedures. In addition to covering all the content in the AST Core Curriculum, this one-of-a-kind text offers a unique mentoring approach and engaging learning features that make even complex skills and techniques easy to understand. Comprehensive coverage addresses all areas of the AST Core Curriculum for Surgical Technology. Reader-friendly writing style and organization builds content from fundamental concepts, aseptic technique, and the role and function of the surgical technologist, to the specialty surgical procedure chapters. Consistent chapter format breaks down surgical procedures in an easy-to-understand way that helps you understand the key elements of more than 200 procedures. Experienced author/consulting editor team lends a breadth of experience for a well-rounded and multi-perspective focus on operating room procedures and quality patient care. Over 1,200 full-color illustrations and clinical photos bring concepts and

procedures to life. Robust practice opportunities include review questions and case studies at the end of each chapter, along with additional review questions and surgical practice videos on the Evolve companion website. Learning objectives serve as checkpoints for comprehension and as study tools in preparation for examinations. Key terminology appears in boldface throughout chapter discussions with key terms defined and cross-referenced to a back-of-book glossary. Key concepts are covered in a bulleted list at the end of each chapter discussion to summarize and review chapter content. References and bibliographies provide a listing of in-text and additional citations of scientific research and best practices. Pathology appendix summarizes the most commonly seen pathological processes and organizes them by body system. NEW! Robotic Surgery chapter describes the most advanced equipment and procedures involving surgical robots. Additional skills content includes patient preparation, transporting, positioning, and draping. Expanded coverage of endoscopic procedures is featured in the Minimally

## Invasive Surgery chapter.

*Handbook of Surgical Technique E-Book* Elsevier

This comprehensive reference on total knee arthroplasty describes all surgical techniques and prosthetic designs for primary and revision arthroplasty, discusses every aspect of patient selection, preoperative planning, and intraoperative and postoperative care.

*Study Guide with Lab Manual for the Association of Surgical Technologists' Surgical Technology for the Surgical Technologist: A Positive Care Approach* Cengage Learning

More than 1,700 Q&As provide the most complete review available for the surgical technology certification exam Includes companion downloadable files LANGE Q&A: Surgical Technology Examination, 6e delivers 1,700 Q&As covering topics found on the national certification examination. The book includes detailed answer explanations and covers all major areas of surgical technology curriculum. The Sixth Edition has been updated to cover the latest surgical techniques, instruments and procedures. Features Companion files enable you to customize your exams and keep track of your

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scores Organized into six core sections: Fundamental Knowledge, Infection Control, Concepts of Patient Care, Preoperative Preparation, Intraoperative and Postoperative Procedures, and Technology in the Operating Room NEW chapters on robotics and endoscopic surgery Update your surgical know-how with the latest information on specific procedures such as orthopedics, plastic surgery, and emergency procedures NEW instrument chapter with more than 60 photos Great for use during coursework and for intensive exam preparation Surgery Boot Camp Manual Elsevier Health Sciences

This pocket guide presents more than 500 surgical procedures! State-of-the-art revisions familiarize the reader with new standards of excellence for care of the surgical patient in the perioperative environment. For each procedure, you ' ll find a definition, discussion, description of the surgery, preparation of the patient, skin preparation, draping technique, instrumentation, supplies, and special notes pertinent to that surgery.

Surgical Technology - E-Book Cengage Learning

The 4th Edition of this popular, easy-to-use guide delivers the practical, clinically oriented content you need to deliver safe and effective

health care in hospital and home settings.

Thoroughly revised and updated, you ' ll have access to even more of the commonly-used by rarely memorized clinical information that nurses and students need.

Surgical Technology Lippincott Williams & Wilkins

This manual teaches students fundamental operating room guiding principles and techniques. Focusing on the essential skills needed, along with the rationale, to perform safely and competently in the operating room, this lab manual prepares students for the role of the surgical technologist in conjunction with the movement of the patient through the surgical procedure. Promoting active participation, this teaching and learning resource helps students develop critical thinking, peer teaching, and precise performance skills. Written primarily for new surgical technology students, this lab manual is useful to any student entering the unfamiliar operating room environment.

Pearson's Surgical Technology Exam Review Cengage Learning

Welcome to the leading text in surgical technology the most up-to-date, the most trusted, and the most comprehensive.

SURGICAL TECHNOLOGY FOR THE SURGICAL TECHNOLOGIST: A POSITIVE CARE APPROACH, Fourth Edition is your

trusted source for comprehensive foundational surgical technology information. This streamlined new edition gets right to the essential topics such as equipment and supplies, operative preparation, practical and technical considerations, and postoperative considerations. With updated real-life scenarios, medical artwork, live surgery images, and numerous tools to support learning, this text is the ultimate resource for helping students anticipate the patient's and surgeon's needs before, during, and after a surgical procedure. Full coverage of essential procedures, this text provides students with the information needed to successfully apply the guidelines found in the Sixth Edition Core Curriculum for Surgical Technology, published by the Association of Surgical Technologists. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. [Study Guide and Lab Manual for Surgical Technology for the Surgical Technologist](#) Springer Publishing Company Surgical technology educators and students previously had no choice but to rely on textbooks written for OR nurses that often contained too little information on the role of the surgical technologist and not enough of the subtle observations and nuances that come from years in the field. Until now. Surgical

Technology for the Surgical Technologist is the first text for surgical technology students and faculty that is precise, focused and helpful. Information is presented in a thorough and consistent manner that encourages student learning of both the information and the process. The writers' 50 years of expertise in the field give Surgical Technology for the Surgical Technologist a depth not found in other texts. (KEYWORDS: Surgical Technology, technologist, OR, Nurses, operating)

Total Knee Arthroplasty Elsevier Health Sciences

Specifically written for the surgical technologist student and practitioner, the 3rd Edition maintains a user friendly format and readability.

Surgical Technologist Certifying Exam Study Guide Elsevier India

For over 50 years, Berry & Kohn's Operating Room Technique, 13th Edition has been the text of choice for understanding basic surgical principles and techniques. Highly readable, accurate, and comprehensive, it clearly covers the "nuts and bolts" of surgical techniques in a step-by-step format that makes it easy to effectively apply basic principles to clinical practice. Expert author Nancy Marie Phillips emphasizes the importance of teamwork throughout, with practical strategies and examples of how cooperation among perioperative caregivers contributes to positive

patient care outcomes. With a strong focus on the physiologic, psychologic, and spiritual considerations of perioperative patients, this updated and expanded new edition gives students the knowledge they need to plan and implement comprehensive, individualized care.

Surgical Technology - Text, Workbook, and Surgical Instrumentation Package Elsevier Health Sciences

Quickly master the basics of medical terminology and begin speaking and writing terms almost immediately! Using David Ellen Chabner's proven learning method, Medical Terminology: A Short Course, 7th Edition omits time-consuming, nonessential information and helps you build a working medical vocabulary of the most frequently encountered prefixes, suffixes, and word roots. Medical terms are introduced in the context of human anatomy and physiology to help you understand exactly what they mean, and case studies, vignettes, and activities demonstrate how they're used in practice. With all this plus medical animations, word games, and flash cards on the Evolve companion website, you'll be amazed at how easily medical terminology becomes part of your vocabulary. Self-teaching text/workbook approach reinforces learning every step of the way with labeling diagrams, pronunciation tests, and review sheets throughout the book. Clear, non-technical explanations demystify medical terminology even if you've had little or no background in science or biology. "Picture Show" activities, practical case studies, and vignettes demonstrate real-life

applications of medical terms in describing describe pathology and procedures. Full-color images illustrate anatomical and pathological terms. "Principal Diagnosis" feature shows how medical terms are used in clinical practice by asking you to read physician notes about a case and determine the patient's principal diagnosis. "First Person" narratives help you understand diseases and conditions from the patient's perspective. "Spotlight" feature identifies and clarifies potentially confusing terminology. "Medical Terminology Check Up" at the end of each chapter reinforces your understanding of key concepts. Labeled illustrations in the Spanish glossary present Spanish terms for major anatomical structures. A tablet-optimized Evolve companion website includes word games, learning exercises, audio pronunciations, animations, an anatomy coloring book, electronic flash cards, and more.

NEW and UPDATED medical information keeps you current with today's healthcare terminology, and includes new illustrations clarifying difficult concepts and procedures. IMPROVED! Evolve resources "are now optimized for tablet use, and mobile-optimized versions of the flash cards and quick quizzes make it easier for on-the-go study and review."

Saunders Math Skills for Health Professionals - E-Book F.A. Davis

Developed specifically for surgical technologists, Alexander's Surgical Procedures provides proven, step-by-step coverage of essential surgical procedures from one of the most trusted sources in surgical technology. Building on the

renowned content of Alexander's Care of the Surgical Patient, 14th Edition, respected authorities Jane Rothrock and Sherri Alexander (AST president 2007 - 2011) guide you through the pre-op set up, procedure pathology/steps, and post-op considerations for all required procedures. This approachable, easy-to-use resource complements the fundamental coverage in your other surgical technology textbooks, and detailed procedure videos on a companion Evolve website help you ensure success from the classroom to the OR. Content adapted from Alexander's Care of the Surgical Patient, 14th Edition provides comprehensive procedural coverage optimized for your specific needs as a surgical technologist. Surgical Technologist Considerations boxes detail practical strategies for applying chapter content to specialty procedures. Complete pre-op set up, draping, and other instructions for each procedure equip you to confidently perform all of the duties of surgical technologist in the OR setting. Chapter Outlines, Learning Objectives, and Chapter Summaries help you study chapter content more effectively. Review questions in the text and case studies on Evolve reinforce key concepts and encourage critical thinking. OR Live links on Evolve direct you to step-by-step procedure videos for commonly performed procedures. More than 700 full-color illustrations clarify

surgical anatomy, instrumentation, procedures, and methods. Surgical Pharmacology tables provide quick, convenient access to generic/trade names, purpose/description, and pharmacokinetics for drugs most commonly associated with each specific surgical procedure. Cutting-edge content reflects the latest interventions and patient care techniques in surgical practice. Geriatric Consideration boxes help you manage surgical challenges unique to geriatric patients. Patient Safety boxes alert you to recent Joint Commission safety initiatives to ensure safe performance of key tasks. History boxes present chapter content in a broader context to enhance your understanding and retention. Ambulatory Surgical Considerations boxes highlight important changes to patient care within appropriate procedures. Risk Reduction Strategies boxes provide specific steps you can take to improve patient safety. Resources in Education Saunders "Questions written and reviewed by surgical technologist educators ; Practice exams designed to represent the national exam content outline ; This comprehensive examination study resource offers proven test-taking strategies and approaches to help you achieve success"--Cover.

Alexander's Surgical Procedures - E-Book

Elsevier Health Sciences

Plenty of examples, practice problems, and learning tools provide the perfect math review for health professionals! With just the right level of content and highly illustrated example problems, this user-friendly worktext helps you learn and understand fundamental math principles and understand how they apply to patient care. UNIQUE! Full-color format highlights key information on setting up problems, understanding parts of equations, moving decimal points, and more. Spiral bound format with plenty of white space allows you to use the text as a workbook in which you can write your answers and work out problems. Consistent chapter formats make it easy to retain information and identify important content. Chapter objectives emphasize what you should learn from each chapter and how your knowledge applies to patient care. Key terms defined at the beginning of each chapter help you understand new vocabulary in the text. Chapter overviews introduce you to the topics discussed in the chapter. Example problems demonstrate and label each step to getting a solution and show you how to solve similar problems. Practice the Skill problems incorporated within the chapter for in-class discussion allow you to practice what you ' ve learned before receiving homework assignments.

Math in the Real World boxes include word problems that apply your knowledge to everyday life as well as common healthcare situations. Strategy boxes demonstrate the steps to solving topic problems and provide a helpful example for solving more problems. Human Error boxes include hints on common errors and show you how to double-check your answers. Math Etiquette boxes help you solve problems by presenting proper math rules. Chapter quizzes allow you to assess your learning and identify areas for further study.

Surgical Technology for the Surgical Technologist: A Positive Care Approach

McGraw Hill Professional

\*\*\*Pass The CST Exam on Your First Try\*\*\*

With Secrets of the CST Exam you can ace the Certified Surgical Technologist Exam, on the first try, without weeks and months of endless studying. Our comprehensive CST study guide is written by exam experts, who have painstakingly researched every topic and concept that you'll need to know to ace your test. Our original research reveals specific weaknesses that you can exploit to get the passing score you deserve, so you can get started on your surgical tech career right away. Secrets of the CST Exam covers all the material you need to know on the CST test, including: Peri-Operative Patient Care: Pre-Operative Preparation, Intra-Operative

Procedures, Post-Operative Procedures  
Additional Duties: Administrative and Personnel,  
Equipment Sterilization and Maintenance Basic  
Science: Anatomy and Physiology,  
Microbiology, Surgical Pharmacology Plus...,  
The Five Secret Keys to a High CST Score, The  
Top 20 Test Taking Tips and much more...  
Berry & Kohn's Operating Room Technique, 12/e  
Elsevier Health Sciences

"Microbiology covers the scope and sequence requirements for a single-semester microbiology course for non-majors. The book presents the core concepts of microbiology with a focus on applications for careers in allied health. The pedagogical features of the text make the material interesting and accessible while maintaining the career-application focus and scientific rigor inherent in the subject matter. Microbiology's art program enhances students' understanding of concepts through clear and effective illustrations, diagrams, and photographs. Microbiology is produced through a collaborative publishing agreement between OpenStax and the American Society for Microbiology Press. The book aligns with the curriculum guidelines of the American Society for Microbiology."--BC Campus website.  
Secrets of the CST Exam Cengage Learning  
The study guide includes lab activities for each chapter that inspire learning through creative and practical applications, hundreds of questions in each chapter to help reinforce and test your understanding of the concepts, image-labeling

exercises to build your knowledge of instruments and anatomy, and case studies with related questions to develop and sharpen your critical thinking skills.  
Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Microbiology for Surgical Technologists  
Cengage Learning  
Ethics, Legal Issues and Professionalism for Surgical Technology introduces you to key, non-technical aspects of professional practice. Understanding and applying the proper concepts regarding ethics, legal issues, and professionalism is vital for a surgical technologist. This book offers you a foundation in these principles so you can make the right decisions and perform in a manner that renders the highest quality patient care possible. You will develop a base of knowledge in the fundamentals of ethics and legal issues and then progress through theory on moral reasoning, human value development and the bio-psychosocial needs of the patient. Controversial topics will be introduced for analysis and discussion. From there, you move on to legal terminology, sources and types of law, legal doctrines, and liabilities. The final section focuses on professional practice and exposes you to the

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basic knowledge and behaviors a professional must have. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

#### LPN Notes Saunders

Take your understanding to a whole new level with Pageburst digital books on VitalSource! Easy-to-use, interactive features let you make highlights, share notes, run instant topic searches, and so much more. Best of all, with Pageburst, you get flexible online, offline, and mobile access to all your digital books. With hundreds of detailed, full-color photographs of common surgical instruments, *Surgical Instrumentation: An Interactive Approach*, 2nd Edition makes it easier to learn the identification, purpose, and set up of instruments for surgical procedures. Many photos include close-up views of the instrument tip, so you can quickly discern differences between instruments. Interactive resources on Evolve let you rotate key instruments 360 degrees for viewing from any angle, zoom in to examine the tip or zoom out to reveal the entire instrument, and also include flash cards, timed memory exercises, Mayo stand set up quizzes, and animations of large and small fragmentation sets. Written for surgical technologists by surgical technology educator Renee Nemitz, this resource offers a level of

visual clarity and realism unmatched by any other surgical instrument book! More than 600 full-color, high-quality photographs help you learn the most common surgical instruments for all surgical procedures. Consistent instrument monographs include the name, common name, category, use (type of surgery and where on the body), cautions relating to safety or patient care, and other details such as regional name variations. Student resources on the Evolve companion website include all of the images from the text, additional 360-degree views and close-ups of over 100 instruments, animations of large and small fragment sets, and timed recall exercises for practice in learning instruments. Close-up photos of more than 100 instruments show the details of each tip, demonstrating variations and making it easier to identify each surgical instrument. Presentation of two or fewer illustrations per page makes it easier to see the details of each instrument. Enhanced flash cards and quizzes on the Evolve companion website allow you to review instruments by chapter or to randomize your review with instruments from the entire text. Alternative names are added to the book's index for easier lookup of instruments whose names have regional variations. Enhanced quizzes on Evolve are available as Practice or Test options, and results may be printed out for submission to instructors.