



AESCULAP
ACADEMY®

25
YEARS



CLINICAL EDUCATION PROGRAMS

*Continuing Nursing and Allied
Health Education Provider*



Funds provided by Aesculap

WHAT DIFFERENTIATES US?

WE ADAPT LEARNING TO LIFE

We combine scientific expertise with realistic skills training, and modern digital learning with intensive seminars. Innovative training concepts and technologies make learning an experience. Because immersion goes further than looking.

WE FOSTER CONSTRUCTIVE DIALOGUE

Teaching and applied medicine stimulate one another. We encourage open communication. We support speakers and participants as partners, sharing the common goal continually expanding and sharing knowledge and skills. Because together we advance healthcare.

WE ESTABLISH GLOBAL STANDARDS

In order to strengthen its position as a global education forum, the Aesculap Academy® encourages international knowledge transfer, supports an interdisciplinary network and invests in new locations. We create innovative learning environments all over the world that ensure a high level of courses. Because our name represents a commitment to continuing education.



COMPLIMENTARY CLINICAL EDUCATION PROGRAMS

Live Presentations with Study Guides

Delivered by Trained Aesculap Healthcare Specialists

INSTRUMENT PROTECTION *Course Number: 4232*

Description: This continuing education activity offers a summary of the considerations and challenges related to proper instrument handling and reprocessing of surgical instruments and medical devices. A brief review of the types of packaging systems will help personnel make decisions about products that work best for their needs. Clinical considerations for the proper use of pre-configured instrument trays with rigid sterilization containment systems will be discussed along with underscoring the importance of reconciling multiple manufacturer instructions for use.

Accreditations: 2.0 Contact Hours, CBRN, IAHCMM, CBSPD

PREMIUM OR GRADE SURGICAL INSTRUMENTS: TIPS FOR CARE

Course Number: 3577

Description: This continuing education activity will provide an overview of the clinical considerations related to proper care and handling of surgical instrumentation to protect their overall health, reduce the risk of infection, and subsequently promote safe patient care. It will provide a brief review of the implications of surgical site infections today, including the role of appropriate cleaning and sterilization of instruments as a risk reduction measure. The steps in instrument care, cleaning, and handling, according to current guidelines and professional recommendations will also be outlined.

Accreditations: 2.0 Contact Hours, CBRN, IAHCMM, CBSPD

This course is also available online at www.aesculapusa.com

PREMIUM OR GRADE SURGICAL INSTRUMENTS: FUNCTION TESTING AND REPAIR *Course Number: 3576*

Description: This continuing education activity will provide a review of the clinical considerations related to instrument function testing, and repairs. It will provide a brief overview of the clinical implications of improperly functioning instruments. The appropriate function tests for specific types of surgical instruments will be reviewed, followed by a description of the various types of instrument repairs. Finally, the importance of routine repairs performed by qualified personnel will be discussed.

Accreditations: 2.0 Contact Hours, CBRN, CBSPD, IAHCMM

PREMIUM OR GRADE SURGICAL INSTRUMENTS: KERRISON RONGEURS AND BIPOLAR FORCEPS *Course Number: 3830*

Description: This continuing education activity will give you an overview of clinical considerations related to the surgical instruments of Kerrison Rongeurs and bipolar forceps. You will learn about proper care, cleaning, and packaging, as well as how to test function, routine maintenance, and basic repairs. All this will help you keep these instruments in excellent condition or "healthy," so patients can receive the best care possible.

Accreditations: 1.0 Contact Hours, CBRN, IAHCMM, CBSPD

LAPAROSCOPIC INSTRUMENTS AND SCOPES: TIPS FOR CARE

Course Number: 3578

Description: Discuss the clinical and economic impact of healthcare-associated infections today. Identify the key points involved with processing laparoscopic instruments. Name two methods of testing for instrument integrity and function. Identify challenges of laparoscopic instruments and scopes.

Accreditations: 2.0 Contact Hours, CBRN, IAHCMM, CBSPD

PRINCIPALS OF SURGICAL ENERGY DEVICES *Course Number: 4116*

Description: This educational activity will describe how electricity is used in surgery. Handling of ESU components and key safety precautions will be explained and the risks and benefits of energy-generating techniques will be discussed.

Accreditations: 2.0 Contact Hours, CBRN, IAHCMM, CBSPD

MAINTAINING THE STERILE BARRIER IN THE REAL WORLD

Course Number: 4004

Description: Packaging systems are intended to provide a barrier to ingress of pathogenic microorganisms and to maintain the sterility of its contents until needed for use in surgery. To achieve a positive patient outcome it is imperative that personnel responsible for processing surgical instruments and establishing a sterile field remain aware of current guidelines and best practices for selection, use, and maintenance of sterile packaging systems. This continuing education activity will identify packaging systems and associated best practices for maintaining the sterile barrier.

Accreditations: 2.0 Contact Hours, CBRN, IAHCMM, CBSPD

CONTAINERIZING PRE-CONFIGURED INSTRUMENT TRAYS: WHAT YOU NEED TO KNOW *Course Number: 3977*

Description: Pre-configured instrument trays are routinely used in complex orthopaedic and spine surgeries. These trays contain multiple instruments with varying degrees of sharpness or precision which pose a greater risk for compromise to packaging integrity before and after sterilization. This continuing education activity offers a summary of the clinical considerations related to the use of rigid sterilization containment systems as packaging for medical devices.

Accreditations: 2.0 Contact Hours, CBRN, IAHCMM, CBSPD

FORGING THE COMMUNICATION CONNECTION *Course Number: 3981*

Description: This continuing education activity will give an overview of how communication works and how to be a more effective communicator. The participant will also learn tips for how to handle difficult communication situations.

Accreditations: 1.0 Contact Hours, CBRN, IAHCMM, CBSPD

SCIENCE AND PRACTICE OF CSD

*Available as Individual Complimentary Live Presentations
with Study Guides Delivered by Trained Aesculap Healthcare Specialists
or as Multi-Module Workshops Moderated by Industry Experts for a Fee**

UNDERSTANDING CENTRAL SERVICE DEPARTMENTS *Course Number: 4021*

Description: This continuing education activity discusses central service processing workflow and its impact on infection prevention. Proper steps and key clinical considerations for instrument cleaning and decontamination are reviewed. Different sterilization methods are defined and monitoring indicators are discussed. Proper management of instruments used in surgical and other invasive procedures facilitate safe and effective patient outcomes. Current guidelines and recommended practices for proper decontamination and sterilization of these devices are also outlined.

Accreditations: 2.0 Contact Hours, CBRN, IAHCSMM, CBSPD

BASICS OF INSTRUMENT CARE AND HANDLING *Course Number: 4022*

Description: This continuing education activity focuses on the causes for instrument damage and best practice for caring and handling of stainless steel surgical instruments. Cleaning, packaging and sterilization will be comprehensively covered in additional modules.

Accreditations: 2.0 Contact Hours, CBRN, IAHCSMM, CBSPD

PRINCIPLES OF CLEANING AND DISINFECTION *Course Number: 4050*

Description: This educational activity will discuss principles of cleaning, disinfection and provide an overview of the decontamination area. Key components of environmental, equipment, and housekeeping concerns as well as the use of personal protective equipment and equipment monitoring will be identified.

Accreditations: 2.0 Contact Hours, CBRN, IAHCSMM, CBSPD

UNDERSTANDING HIGH-TEMPERATURE STERILIZATION *Course Number: 4051*

Description: This educational activity reviews the essential concepts of steam sterilization as it applies to surgical instruments. Types of steam sterilization are reviewed and monitoring parameters are emphasized.

Accreditations: 2.0 Contact Hours, CBRN, IAHCSMM, CBSPD

UNDERSTANDING LOW-TEMPERATURE STERILIZATION *Course Number: 4052*

Description: This educational activity provides an overview of the current, low-temperature sterilization methods and the purpose for applying each of them. Additionally, important practices are described and noteworthy concerns are reviewed.

Accreditations: 2.0 Contact Hours, CBRN, IAHCSMM, CBSPD

INVENTORY BEST PRACTICES *Course Number: 4053*

Description: The purpose of this educational activity is relative to the inventory and distribution process in the sterile processing department. It discusses the ergonomic and safety implications of these tasks. An understanding of the ways that instrument tracking technologies can help hospitals improve their productivity and accuracy is also discussed.

Accreditations: 2.0 Contact Hours, CBRN, IAHCSMM, CBSPD

**The Science and Practice of CSD is a Multi-Course program designed to be presented as individual one-hour live programs or as a 10 module workshop. Individual modules may be delivered at no cost by a trained Aesculap Healthcare Specialist. There is a fee for the Multi-Course workshop. Please contact your Aesculap Representative for additional information and to schedule the programs that best serve your needs or call Aesculap Customer Service: 1-800-282-9000*

SURGICAL GRADES OF INSTRUMENTS: THE MANUFACTURING PROCESS

Course Number: 4117

Description: This program explores key steps in the manufacturing process of "Premium" grade surgical instruments, clinical considerations used when selecting instruments as well as the importance of water quality used for processing are discussed.

Accreditations: 2.0 Contact Hours, CBRN, IAHCMM, CBSPD

CSD SPECIALTY PROGRAMS

Live Presentation with Study Guide Delivered by Aesculap Sales Representatives

WORKING TOGETHER: CSD AND LOANER TRAYS *Course Number: 4049*

Description: Hospitals and ambulatory surgery centers (ASCs) borrow instruments from vendors and other healthcare facilities due to sophisticated and constantly evolving surgical technology. When instruments are borrowed, they must receive the same level of processing as other instruments. This course is designed to help improve patient outcomes and safety by providing evidence-based practices, and the latest regulatory and scientific information available about sterile processing. This program will discuss loaner instrumentation and the impact they have in the perioperative environment. The importance of collaborative relationships with all parties involved in the delivery, use and return of these instruments will be explained. Key components of policy and procedure development will be identified and ways to effectively manage loaner medical devices will be reviewed.

Accreditations: 2.0 Contact Hours, CBRN, IAHCMM, CBSPD

CSD ADVANCED FOR SUPERVISORS & MANAGERS

Live Presentation with Study Guide Delivered by Aesculap Sales Representatives

MAINTAINING CSD COMPLIANCE:

UNDERSTANDING THE REGULATORY LANDSCAPE *Course Number: 4054*

Description: Central service personnel are responsible for minimizing the risk of harm and surgical site infections in patients. Reprocessing instruments and reusable medical devices is critical to managing that risk. Every central service team member assumes responsibility for the care and handling of surgical instruments before, during and after a procedure. They should work together to ensure that all surgical team members: surgeons, nurses, and technologists in the operating room (OR), adhere to standards and written policies for processing contaminated items. Central service departments (CSD) should maintain a state of readiness relative to accreditation compliance. This course is designed to help improve patient outcomes and safety by providing evidence-based practices, and the latest regulatory and scientific information available about sterile processing. This program will identify regulatory and professional organizations that impact sterile processing practices. Compliance and preparation for an accreditation survey will be discussed. The consequences of poor processing practices will be highlighted.

Accreditation: 2.0 Contact Hours, CBRN, CBSPD, IAHCMM

OR TO CSD BEST PRACTICES *Course Number: 4055*

Description: This activity explores the importance of infection control practices related to instrument processing and its impact on patient outcomes. Proper steps and key clinical considerations for instrument cleaning and decontamination are reviewed and best practices are discussed. A variety of methods of sterilization will be defined along with the significance of sterilization monitoring. Special processing considerations for complex equipment is also addressed.

Accreditations: 2.0 Contact Hours, CBRN, IAHCMM, CBSPD

COMPLIMENTARY CLINICAL EDUCATION ONLINE FLIPBOOK PROGRAMS

Available Exclusively Online at Pfiedler Enterprises, the CE Provider

SURGICAL GRADES OF INSTRUMENTS: THE MANUFACTURING PROCESS

Course Number: 1298

Description: This program explores key steps in the manufacturing process of "Premium" grade surgical instruments, clinical considerations used when selecting instruments as well as the importance of water quality used for processing are discussed.

Accreditations: 2.0 Contact Hours, CBRN, CBSPD, IAHCMM, NCCT

PREMIUM OR GRADE SURGICAL INSTRUMENTS: TIPS FOR CARE

Course Number: 1299

Description: This continuing education activity will provide an overview of the clinical considerations related to proper care and handling of surgical instrumentation to protect their overall health, reduce the risk of infection, and subsequently promote safe patient care. It will provide a brief review of the implications of surgical site infections today, including the role of appropriate cleaning and sterilization of instruments as a risk reduction measure. The steps in instrument care, cleaning, and handling, according to current guidelines and professional recommendations will also be outlined.

Accreditations: 2.0 Contact Hours, CBRN, CBSPD, IAHCMM, NCCT

MAINTAINING THE STERILE BARRIER IN THE REAL WORLD *Course Number: 1363*

Description: Packaging systems are intended to provide a barrier to ingress of pathogenic microorganisms and to maintain the sterility of its contents until needed for use in surgery. To achieve a positive patient outcome it is imperative that personnel responsible for processing surgical instruments and establishing a sterile field remain aware of current guidelines and best practices for selection, use, and maintenance of sterile packaging systems. This continuing education activity will identify packaging systems and associated best practices for maintaining the sterile barrier.

Accreditations: 2.0 Contact Hours, CBRN, CBSPD, IAHCMM, NCCT

RIGID CONTAINERS FOR IMMEDIATE USE STEAM STERILIZATION

Course Number: 1269

Description: Preventing infection in the surgical patient is a primary goal for the perioperative nurse. Infection prevention has become an area of greater scrutiny today, as healthcare professionals are continually challenged by new pathogens and multi-drug resistant organisms, as well as the increased economic pressures to reduce healthcare-associated infections. This continuing education activity will provide an overview of the clinical considerations related to the use of IUSS using rigid containers. It will provide a brief overview of both the clinical and economic impact of surgical site infections today. The current guidelines and professional recommendations that outline the indications for IUSS and the use of rigid containers will be reviewed. Considerations for the proper use and care of rigid container systems for IUSS will be discussed.

Accreditations: 2.0 Contact Hours, CBRN, CBSPD, IAHCMM, NCCT

COMPLIMENTARY CLINICAL EDUCATION AUDIO VISUAL ONLINE PROGRAMS

Available Exclusively Online at Pfiedler Enterprises, the CE Provider

WATER QUALITY IN THE CSD *Course Number: 1393*

Description: In order to maintain good quality water and steam in the CSD, it is important to understand the characteristics of the water and the ways in which these characteristics work together to optimize the cleaning process. Consistent monitoring of the water purification process is key to avoiding the potentially damaging results of impure water. This educational program provides guidelines for monitoring water and steam quality which is an important role of CSD personnel and key to optimizing care of the surgical patient.

Accreditations: 1.0 Contact Hours, CBRN, NCCT, IAHCSMM, CBSPD

MAINTAINING QUALITY SURGICAL INSTRUMENTS *Course Number: 1388*

Description: This interactive online educational program identifies the clinical considerations related to surgical instrument care, cleaning, function testing, routine maintenance, and basic repairs. This information will help you keep instruments in excellent condition so patients can receive the best care possible.

Accreditations: 2.0 Contact Hours, CBRN, CBSPD, IAHCSMM, NCCT



COMPLIMENTARY CLINICAL EDUCATION PROGRAMS SURGICAL TREATMENTS FOR BACK PAIN

Live Presentation with Study Guide

Delivered by Trained Aesculap Healthcare Specialists

AXIAL BACK PAIN: TREATMENT OPTIONS AND SUPPORTING CLINICAL EVIDENCE

Course Number: 3958

Description: This continuing education activity will review surgical treatment options for axial pain caused by degenerative disc disease (DDD) and new clinical evidence that assists spine surgeons in selecting the most effective treatment plan for appropriately indicated patients. It will provide an overview of the prevalence of axial back pain and DDD, followed by brief discussions of the relevant lumbar spine and intervertebral disc anatomy and the clinical implications of DDD. Conservative and surgical treatment options will be reviewed, with a focus on lumbar arthrodesis and lumbar arthroplasty.

Accreditations: 2.0 Contact Hours, CBRN, CCMC

ONLINE PROGRAM

Available Exclusively Online at Pfiedler Enterprises, the CE Provider

AXIAL BACK PAIN: TREATMENT OPTIONS AND SUPPORTING CLINICAL EVIDENCE

Course Number: 1374

Description: This continuing education activity will review surgical treatment options for axial pain caused by degenerative disc disease (DDD) and new clinical evidence that assists spine surgeons in selecting the most effective treatment plan for appropriately indicated patients. It will provide an overview of the prevalence of axial back pain and DDD, followed by brief discussions of the relevant lumbar spine and intervertebral disc anatomy and the clinical implications of DDD. Conservative and surgical treatment options will be reviewed, with a focus on lumbar arthrodesis and lumbar arthroplasty.

Accreditations: 2.0 Contact Hours, CBRN, CCMC, NCCT

ACCREDITATION KEY

CBRN: California Board of Registered Nursing

IAHCSCMM: International Association of Healthcare Central Service Material Management

CCMC: Commission for Case Manager Certification

CBSPD: Certification Board for Sterile Processing and Distribution

NCCT: National Center for Competency Testing

INSTRUCTIONS ON HOW TO ACCESS ONLINE COURSES

To access the online programs, please go to www.pfiedlereducation.com.

INSTRUCTIONS ON HOW TO REQUEST LIVE PRESENTATIONS

Contact your local Aesculap Healthcare Solutions Specialists or call Aesculap Customer Service at 1-800-282-9000 for more information.

FOR MORE INFORMATION ABOUT AESCULAP ACADEMY®

Visit www.aesculapusa.com, choose "Healthcare Professionals" and select "Aesculap Academy".



The Aesculap Academy® is one of the leading medical forums for everyone who is professionally, passionately and ambitiously committed to people's health. To those medical professionals we offer top quality knowledge transfer based on globally recognized quality criteria using innovative methods and technologies.

DEDICATED TO LIFE.

The Aesculap Academy has its roots in the company B. Braun, which has been protecting and improving people's health for more than 175 years. With our courses, hands-on trainings and symposia we help to honor our parent company's promise of SHARING EXPERTISE.

The courses at the Aesculap Academy offer participants who want to continue to learn in an inspiring environment knowledge transfer and teaching that are adapted to real life: lifelong learning, true-to-life training situations and realistic content for a better life for patients and medical staff.

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