

INCISION

Incision Academy portfolio

Perioperative care and anesthesia



Incision Academy



* Learning management system

What Incision offers ...

Incision provides high-quality content and process-optimization services for the entire operating team.

Content is delivered through an online, video-based academy, designed to give everyone access to the best surgical education available.

A portfolio of over 100 anesthesia and perioperative care courses offers a highly intuitive, efficient and progressive approach to education and training for all members of the perioperative team.

Course content is organized according to specialty and discipline with some courses listed in multiple categories. A number of courses are based around specific branded devices used in the operating room or emergency care setting. Alongside a professional-quality instructional video, each course contains essential peri- and intra-operative information, relevant clinical anatomy, and multiple-choice questions designed to test and consolidate learning.

Essential foundational skills and knowledge, including interactive 3D anatomy, further supplement and enhance interdisciplinary education and training. Course content is highly relevant across all levels of cross-specialty curricula.

In addition to the courses listed in this brochure, a portfolio of over 400 surgical procedures and skills offers a validated and highly efficient way of learning surgery. Emergency and elective procedures and skills are performed on both live surgical patients and anatomical specimens. The relevant course content for these specialties is presented here:



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PERIOPERATIVE CARE



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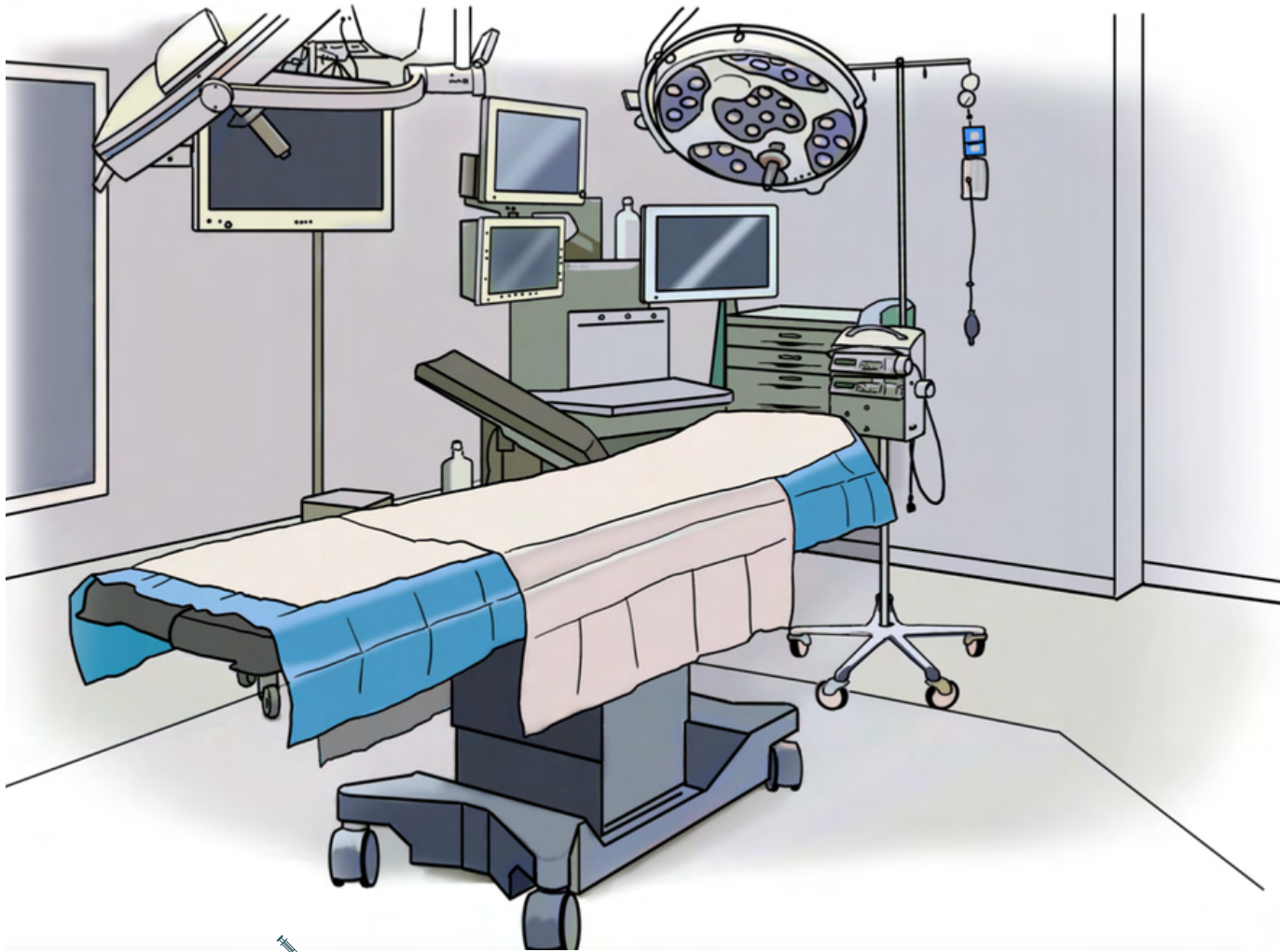
Perioperative care

Operating department practice

- Operating Room Introduction
- Cleaning Disinfection and Sterilization of Instruments
- Operating Room Design and Layout
- Patient Positioning
- Patient Skin Antisepsis and Draping
- Pneumatic Tourniquet Application
- Postoperative Phase
- Surgical Site Infection Prevention
- Table Setting, Basic Instruments and Disposables
- Surgical Table

Invest in your team's skills and growth





Operating room safety

COVID-19 Protective Measures

Laser Safety

Radiation Safety and Hygiene



Generic equipment

Basics of Surgical Drill and Saw Equipment
Basic Surgical Skills: Gynecological Instruments
Endoscopy Tower
Hysteroscopic Fluid Management System
Irrigation Fluid Warming System
Surgical Table
Suction Equipment
Vascular Doppler



Branded devices

Alcon Infiniti® Phacoemulsification System

Arthrex DualWave™ Arthroscopy Pump

Erbe VIO® 300D Electrosurgical System

Ethicon Ultracision HARMONIC® Scalpel System

Ethicon Gynecare VERSAPOINT™ Bipolar Electrosurgery System

ETView VivaSight™ Video Double-Lumen Endobronchial Tube

Hologic NovaSure® Endometrial Ablation System

Integra CUSA® Excel+ Ultrasonic Surgical Aspirator

...

Karl Storz Hamou Endomat and Equimat Fluid Management System

Philips BV Pulsera Mobile C-Arm

Philips Efficia DFM100 Defibrillator

Medtronic RapidVac® Smoke Evacuator

Medtronic Valleylab™ Force FX™ Electrosurgical Generator

Medtronic Valleylab™ ForceTriad™ Energy Platform

Medtronic Valleylab™ FT10 Energy Platform

...

Medtronic Valleylab™ II Argon Gas Delivery System
Medtronic NIM-Response® 3.0 Nerve Monitoring System

Plasma Surgical Plasmajet®

Smiths Medical Level 1® H-1025 Fast Flow Fluid Warmer

Swiss LithoClast® Master Ultrasound and Pneumatic Lithotripsy

Ziehm Vision FD C-arm

3M™ Ranger® 245 Fluid Warming System





ANESTHESIA



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Invest in your team's
skills and growth



Anesthesia

Airway procedures

- Endotracheal Intubation
- Endotracheal Extubation
- Intubation and Extubation of the COVID-19 Patient
- Needle Cricothyroidotomy
- Surgical Cricothyroidotomy
- Tracheotomy

Local, regional and neuraxial anesthesia

Digital Nerve Block

Local Infiltration and Field Block Anesthesia

Local Infiltration for Open Inguinal Hernia Repair

Spinal Anesthesia



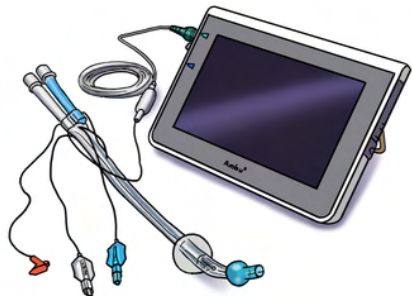
Introduction to anesthesia

Introduction to Anesthesia: Monitoring and
Intravenous Access

Introduction to Anesthesia: Induction

Introduction to Anesthesia: Maintenance and
Emergence



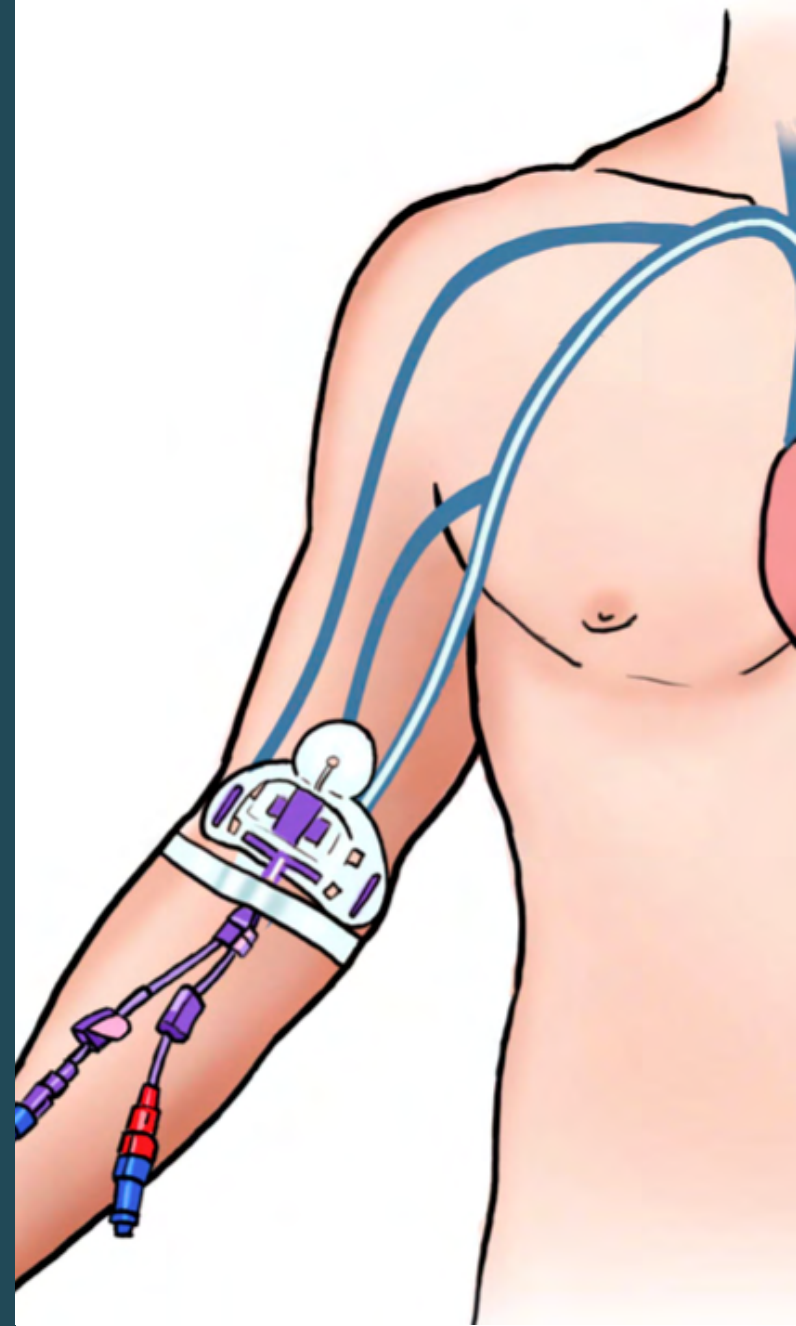


Vascular access

Intravenous Cannulation
Peripherally Inserted Central Catheter (PICC)
Insertion under ECG-Guidance

Branded devices

ETView VivaSight™ Video Double-Lumen Endobronchial Tube
Philips Efficia DFM100 Defibrillator
Medtronic NIM-Response® 3.0 Nerve Monitoring System
Smiths Medical Level 1® H-1025 Fast Flow Fluid Warmer
3M™ Ranger® 245 Fluid Warming System





BASIC CLINICAL SKILLS



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Capillary Blood Sampling
Intramuscular Injection
Intravenous Cannulation
Pneumatic Tourniquet Application
Radial Arterial Blood Sampling
Subcutaneous Injection
Urinary Catheterization: Female
Urinary Catheterization: Male
Venipuncture

Basic clinical skills



BASIC SURGICAL PRINCIPLES



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Basic surgical principles



Basic Laparoscopic Surgery: Equipment, Ergonomics and Setup

Basics of Electrosurgery

Basic Surgical Skills: Knots

Basic Surgical Skills: Sutures

Basic Surgical Skills: Instruments and Handling

Basic Surgical Skills: Additional Sutures

Clinical Effects of Electrosurgery

Minimally Invasive Electrosurgery



PHYSICAL EXAMINATION



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- Examination of the Neck
- Examination of the Nose
- Examination of the Respiratory System
- Examination of the Shoulder
- Examination of a Skin Lesion
- Examination of the Throat
- Examination of the Thyroid
- Examination of the Wrist
- General Examination and Vital Signs
- Neurological Examination of the Lower limb
- Neurological Examination of the Upper Limb
- Obstetric Examination of the Abdomen
- Preparation for Physical Examination
- Venous Examination of the Lower Limb

Physical examination

- Arterial Examination of the Lower Limb
- Arterial Examination of the Upper Limb
- Examination of the Abdomen
- Examination of the Ankle and Foot
- Examination of the Anus and Rectum
- Examination of the Breast
- Examination of the Cardiovascular System
- Examination of the Cervical and Thoracic Spine
- Examination of the Cranial Nerves
- Examination of the Ear
- Examination of the Elbow
- Examination of the Gait
- Examination of the Groin
- Examination of the Hand
- Examination of the Hip
- Examination of the Knee
- Examination of the Lumbar Spine and Sacroiliac Joint





3D ANATOMY

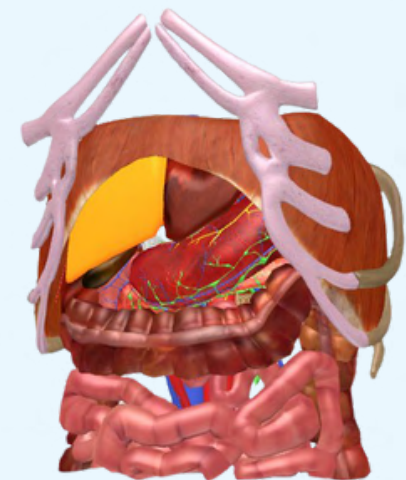
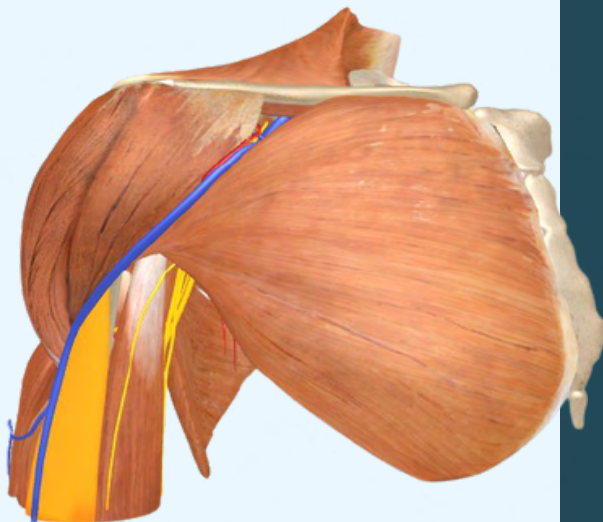


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Anatomically accurate,
interactive 3D models
based on CT scans

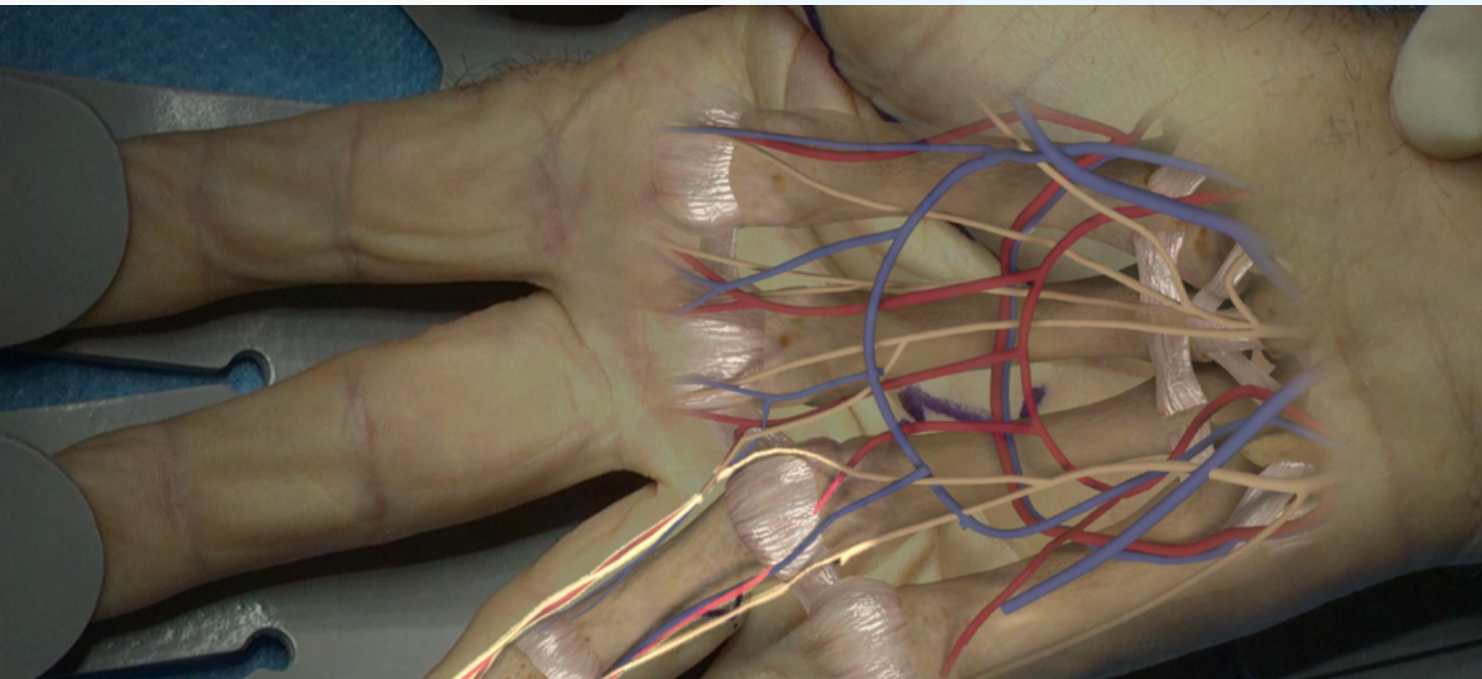
3D regional anatomy models

- Abdominal aorta
- Abdominal wall
- Ankle
- Arm
- Brachial plexus
- Elbow
- Female genitals
- Female pelvic floor
- Female pelvis
- Forearm and hand
- Foot
- Hip
- Hyoid muscles
- Inguinal area
- Knee
- Larynx and pharynx
- Leg
- Leg, ankle and foot
- Male genitals
- Male pelvis
- Muscles of facial expression
- Muscles of mastication
- Neck
- Parotid
- Shoulder
- Thigh
- Thyroid
- Visceral vrgans
- Wrist and hand



Anatomy

Anatomy of the Abdominal Wall
Anatomy of the Aortic Branches
Anatomy of the Carpal Tunnel
Anatomy of the Colon
Anatomy of the Hip Region
Anatomy of the Inguinal Area
Anatomy of the Knee
Anatomy of the Pelvic Autonomic Nerves
Anatomy of the Rectum
Anatomy of the Wrist Region
Anatomy Relevant to Breast Lumpectomy
Embryological Rotation of the Midgut





Sandra Slaa, Program Manager
Wenckebach Institute School of Nursing & Health
University Medical Center Groningen, Netherlands

"There are big steps to be made in the transfer of knowledge from theory to practice: Incision Academy bridges this gap and helps students to improve their learning with a variety of unique and intuitive tools."



Eva van Gemd-Landmeter, Scrub Nurse Trainer
IJsselland Hospital, Netherlands

"In my role as a supervisor of scrub nurses in training in the OR, I have witnessed first-hand the positive influence of Incision. Students are able to watch high-quality and up-to-date courses in preparation for the OR; these films take time to explain the clinically relevant anatomy and their step-by-step format allows students to watch specific parts multiple times."



D.C.C. Cornelisse, OR Manager
Leiden University Medical Center, Netherlands

"With Incision's learning environment we can increase the level of expertise, skills and professionalism within the OR Team. It is a great tool that helps the OR team to bring align their knowledge and skills at a high-quality level."

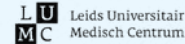


incision

- 400+ courses on surgical procedures ✓
- 100+ courses on basic principles, skills, devices and anatomy ✓
- Integration with learning management systems ✓
- Tests and automated certification ✓
- Supervisor dashboard ✓
- Proven step-by-step methodology ✓
- 'Just-in-time' learning ✓
- Interactive 3D anatomy models ✓
- Protocol support to improve performance in the OR ✓
- Portfolio development based on your needs ✓

Partners

We partner with leading clinics, societies and hospitals around the world to guarantee you the most up-to-date and high-quality experience possible.



Accredited by

Incision's e-learning portfolios are accredited and endorsed by renowned institutes.



Visit the Academy

Visit the [Incision Academy](#) to experience our platform.

Watch the OR team trailer

Watch the OR team portfolio trailer and learn more.



Stay informed

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Sharing surgical skills



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