



Medical Realities™

# THE CONTENT

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# OSCE



## Take a look at our content library

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In the following pages, we invite you to explore our comprehensive content library dedicated to OSCE.



Transforming  
medical innovation,  
education,  
& care



A 360° ABG examination, or arterial blood gas examination, is a medical test that evaluates the levels of gases in a patient's arterial blood.



A 2D video presentation detailing the ABG examination.



A lecture describing the ABG examination.



A 360° blood cultures experience showing the process involving, drawing a blood sample and culturing it in a laboratory to determine if there are any organisms present in the blood.



A 2D video introduction to blood cultures.



A 360° blood cultures lecture explaining the diagnostic test used to identify microorganisms, such as bacteria and fungi, that may be present in a patient's bloodstream.



A lecture describing the blood pressure examination.



A 360° blood pressure examination, or BP examination, is a medical test that measures the force of blood against the walls of the arteries as the heart pumps blood throughout the body.



A 2D video blood pressure presentation.



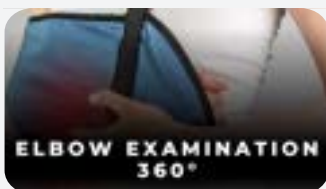
Breast examination in 360°, also known as a comprehensive breast exam, is a medical evaluation that assesses the health of a woman's breasts. This examination includes a number of different tests and measurements to evaluate the breast tissue.



A 2D video introduction to cardio examination.



Cardio examination in 360°, also known as a comprehensive cardiovascular examination, is a medical evaluation that assesses the function and health of the heart and blood vessels. This examination includes a number of different tests and measurements to evaluate the cardiovascular system.



An elbow examination in 360°, also known as a comprehensive elbow exam, is a medical evaluation that assesses the function and health of the elbow joint. This examination includes a number of different tests and measurements to evaluate the elbow joint.



A foot examination in 360°, also known as a comprehensive foot exam, is a medical evaluation that assesses the health and function of the feet. This examination includes a number of different tests and measurements to evaluate the feet.



Fundoscopy in 360°, also known as a comprehensive ophthalmic exam or a dilated eye exam, is a medical evaluation that assesses the health of the retina and optic nerve at the back of the eye. The exam allows a healthcare provider to examine the interior structures of the eye, including the retina, optic nerve, and blood vessels, to identify any abnormalities.



A hand examination in 360°, also known as a comprehensive hand exam, is a medical evaluation that assesses the health and function of the hands. This examination includes a number of different tests and measurements to evaluate the hands and identify any abnormalities.



A 2D video presentation detailing an intramuscular (IM) injection.



A lecture describing intramuscular injection.



A 360° video showing an intramuscular injection procedure in which medication is delivered directly into a muscle. This can be done for a variety of reasons, such as administering a vaccine or treating a medical condition.



A knee examination in 360° is a medical evaluation performed to assess the health and function of the knee joint. The examination involves a thorough assessment of the knee joint, including the bones, ligaments, tendons, and cartilage.



A 2D video presentation detailing a knee examination.



NG tube insertion (nasogastric tube insertion) is a medical procedure in which a flexible tube is inserted through the nose and down into the stomach. NG tubes are commonly used to provide nutrition, medication, or to remove excess fluids from the stomach.



A 2D presentation shoulder examination in 360° is a medical evaluation performed to assess the health and function of the shoulder joint. The examination involves a thorough assessment of the bones, muscles, ligaments, tendons, and nerves that make up the shoulder joint.



A 360° shoulder examination lecture explaining examination process involving a thorough assessment of the bones, muscles, ligaments, tendons, and nerves that make up the shoulder joint.



A 360° shoulder examination in 360° showing a medical evaluation performed to assess the health and function of the shoulder joint. The examination involves a thorough assessment of the bones, muscles, ligaments, tendons, and nerves that make up the shoulder joint.



A 2D Video presentation explaining the spine examination. The examination involves a thorough assessment of the bones, muscles, ligaments, tendons, and nerves that make up the spinal column.



A 360° video showing a full spine examination involving a thorough assessment of the bones, muscles, ligaments, tendons, and nerves that make up the spinal column.



A 360° lecture video explaining what is included in a full spine examination.



A subcutaneous injection in 360° is a medical procedure where medication is injected into the subcutaneous tissue, which is the fatty layer of tissue just beneath the skin. This method of medication delivery is commonly used for a variety of medications, including insulin, vaccines, and blood thinners.



A subcutaneous injection lecture in 360° discussing the procedure and method of medication delivery, commonly used for a variety of medications, including insulin, vaccines, and blood thinners.



A subcutaneous injection in 360° is a medical procedure where medication is injected into the subcutaneous tissue, which is the fatty layer of tissue just beneath the skin. This method of medication delivery is commonly used for a variety of medications, including insulin, vaccines, and blood thinners.



Venepuncture shown in 360° is a medical procedure that involves the puncture of a vein to obtain a blood sample for diagnostic testing or therapeutic purposes. It is a common procedure performed by healthcare providers in a variety of healthcare settings, including hospitals, clinics, and medical laboratories.



A 2D video presentation detailing venepuncture.



A 360° lecture describing venepuncture.



# WARD ROUNDS

Ward rounds are a fundamental aspect of healthcare delivery, particularly in hospital settings. They involve a team of healthcare professionals, led by a physician or attending doctor, visiting patients in their hospital wards to assess their condition, discuss treatment plans, and provide updates on their progress.

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In the following pages, we invite you to explore our comprehensive content library dedicated to Ward Rounds.





Patient handover is the process of transferring the responsibility for patient care from one healthcare provider to another. This is a critical step in ensuring continuity of care and patient safety, particularly during shift changes or when transferring patients between different departments or healthcare facilities.



Ward rounds patient assessment is an important process that allows healthcare providers to assess the status and progress of patients in a hospital setting. During ward rounds, a team of healthcare providers, which may include doctors, nurses, and other healthcare professionals, visit each patient in their room to review their medical history, current condition, and plan of care.



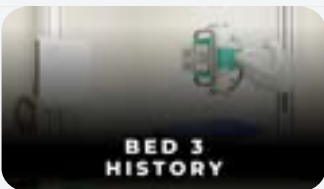
Healthcare providers conduct a patient examination to assess the patient's condition, progress, and response to treatment. The examination is a thorough assessment of the patient's physical, psychological, and social well-being.



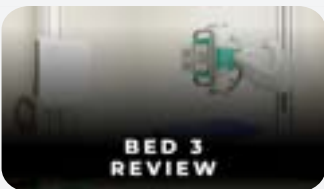
Ward rounds patient assessment is an important process that allows healthcare providers to assess the status and progress of patients in a hospital setting. During ward rounds, a team of healthcare providers, which may include doctors, nurses, and other healthcare professionals, visit each patient in their room to review their medical history, current condition, and plan of care.



Healthcare providers conduct a patient examination to assess the patient's condition, progress, and response to treatment. The examination is a thorough assessment of the patient's physical, psychological, and social well-being.



During ward rounds, healthcare providers review the patient's medical history to understand their current condition, medical background, and previous treatments.



Healthcare providers conduct a patient review to assess the patient's condition, progress, and response to treatment. The patient review process is a crucial part of the ward round as it helps healthcare providers determine the appropriate course of action for the patient and make any necessary adjustments to their care plan.



This medical assessment process involves gathering information about the patient's current medical condition, reviewing their medical history and test results, and making decisions about appropriate treatment options.



Patient confusion can be a common problem during ward rounds, especially for elderly patients or those with cognitive impairment. It can make it challenging for healthcare providers to gather accurate information about the patient's medical condition and treatment progress.



Healthcare providers conduct a patient examination to assess the patient's condition, progress, and response to treatment. The examination is a thorough assessment of the patient's physical, psychological, and social well-being.



Collating a patient's medical history during ward rounds is an important part of the assessment process and can provide valuable information for healthcare providers in developing an appropriate treatment plan. Here are some tips for collating a patient's medical history during ward rounds.



Hospital ward rounds are a key part of the patient care process. Here is a summary of hospital ward rounds: bed assessment, patient - examination, history, medical, overall review and dealing with confusion.

# GENERAL SURGERY

Immerse yourself in the world of general surgery with our extensive library of 360-degree and 2D videos, specially designed for virtual reality (VR) learning. Our collection offers an unparalleled opportunity to observe and learn from real surgical procedures, providing an immersive and educational experience.

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Take a look at our library on the topic of general surgery in the following pages.





A 2D video of a laparoscopic appendectomy with the feed taken from a camera held close to the operative field.



A 2D video of a laparoscopic appendectomy with the feed taken from the laparoscopic camera with narration from the surgeon.



A muted 2D video of a laparoscopic appendectomy with the feed taken from the laparoscopic camera.



A slide presentation in a 2D video format describing the procedure of a laparoscopic appendectomy.



A full 360° video of a laparoscopic appendectomy with narration from the surgeon.



A slide presentation in a 2D video format describing the procedure of a colonoscopy.



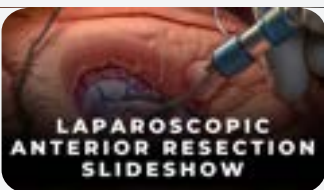
A full 360° video of a colonoscopy procedure with narration from the endoscopist.



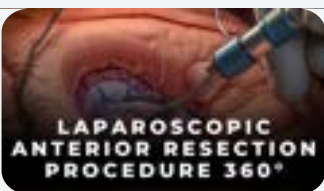
A 2D video of a laparoscopic anterior resection for cancer with the feed taken from the laparoscopic camera.



A muted 2D video of a laparoscopic anterior resection for cancer with the feed taken from the laparoscopic camera.



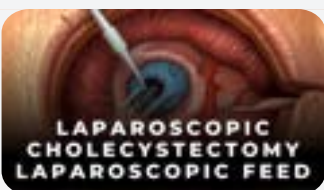
A slide presentation in a 2D video format describing the procedure of a laparoscopic anterior resection.



A full 360° video of a laparoscopic anterior resection procedure with narration from the surgeon.



A muted 2D video of a laparoscopic cholecystectomy with the feed taken from the laparoscopic camera.



A 2D video of a laparoscopic cholecystectomy with the feed taken from the laparoscopic camera with narration from the surgeon.



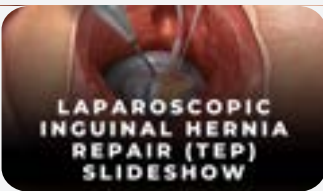
A slide presentation in a 2D video format describing the procedure of a laparoscopic cholecystectomy.



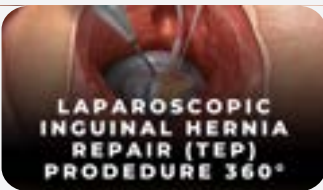
A full 360° video of a laparoscopic cholecystectomy procedure with narration from the surgeon.



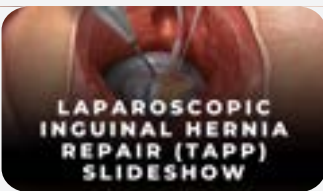
Laparoscopic inguinal hernia repair using the transabdominal preperitoneal (TEP) technique is a minimally invasive surgical procedure used to treat inguinal hernias. Here is a brief overview of the laparoscopic inguinal hernia repair procedure.



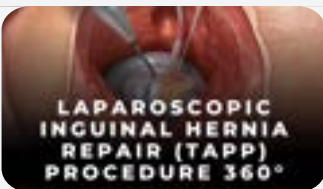
A laparoscopic inguinal hernia repair slideshow showing and explaining the transabdominal preperitoneal (TEP) technique.



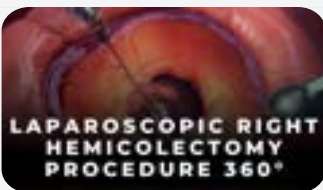
A 360° video laparoscopic inguinal hernia repair procedure using the transabdominal preperitoneal (TEP) technique.



A laparoscopic inguinal hernia repair presentation.



A 360° video showing the laparoscopic inguinal hernia repair procedure using the transabdominal preperitoneal (TAPP) technique. The TAPP technique involves making a small incision in the abdomen and inserting a laparoscope (a thin, flexible tube with a camera attached) and other surgical instruments through the incision to access the hernia.



Laparoscopic right hemicolectomy is a surgical procedure that involves the removal of the right side of the colon for various conditions, including cancer, inflammatory bowel disease, or other medical problems. The procedure is performed using minimally invasive laparoscopic techniques, which means that the surgery is done through several small incisions instead of one large incision.



A closeup feed of the laparoscopic right hemicolectomy surgical procedure.



A presentation of the laparoscopic right hemicolectomy surgical procedure.



A 360° video showing an open inguinal scrotal hernia repair is a surgical procedure that involves repairing a hernia in the groin or scrotal area. The procedure is performed through a single incision in the groin or scrotum and is usually done under general anesthesia.



A 2D video presentation explaining a sleeve gastrectomy, also known as gastric sleeve surgery, is a laparoscopic weight-loss procedure that involves reducing the size of the stomach by approximately 75-80%. The surgery is performed using a laparoscope, which is a thin, flexible tube with a camera and surgical instruments attached to it.



A muted feed with interactive hotspots showing a laparoscopic sleeve gastrectomy, also known as gastric sleeve surgery procedure.



A slideshow video presentation explaining a sleeve gastrectomy, also known as gastric sleeve surgery, is a laparoscopic weight-loss procedure that involves reducing the size of the stomach by approximately 75-80%. The surgery is performed using a laparoscope, which is a thin, flexible tube with a camera and surgical instruments attached to it.



A 360° video showing a sleeve gastrectomy procedure also known as gastric sleeve surgery.





A interactive hotspot feed showing a tonsillectomy procedure - typically performed using a surgical instrument called a tonsillectomy snare or a scalpel. The patient is given general anesthesia and the surgeon removes the tonsils through the mouth, without making any external incisions.



A muted interactive hotspot feed showing a tonsillectomy procedure - typically performed using a surgical instrument called a tonsillectomy snare or a scalpel. The patient is given general anesthesia and the surgeon removes the tonsils through the mouth, without making any external incisions.



A 360° tonsillectomy procedure performed using a surgical instrument called a tonsillectomy snare or a scalpel. The patient is given general anesthesia and the surgeon removes the tonsils through the mouth, without making any external incisions.



A slideshow video presentation explaining a tonsillectomy procedure.



A closeup feed with interactive hotspots showing a total hip replacement (THR), the surgical procedure in which a damaged or diseased hip joint is replaced with an artificial joint made of metal, plastic or ceramic components. approaches.



A 2D video presentation detailing the total hip replacement (THR) surgery.



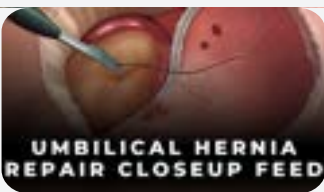
A 360° video showing a total hip replacement (THR), surgical procedure the superpath technique is a minimally invasive approach to THR that allows for a smaller incision and less muscle disruption than traditional approaches.



A 360° video showing the umbilical hernia repair surgical procedure repairing a hernia that has occurred in the umbilical region, which is the area around the belly button.



A 2D video presentation showing the umbilical hernia repair surgical procedure.



A closeup feed video presentation showing the umbilical hernia repair surgical procedure.



A muted closeup feed presentation showing the umbilical hernia repair surgical procedure.



A slideshow video presentation detailing the WHO (World Health Organization) surgical safety checklist.



A 360° video detailing the WHO (World Health Organization) surgical safety checklist is a tool used to reduce errors and improve communication and teamwork in the operating room containing 3 parts before induction of anesthesia, before incision, before the patient leaves the operating room.

