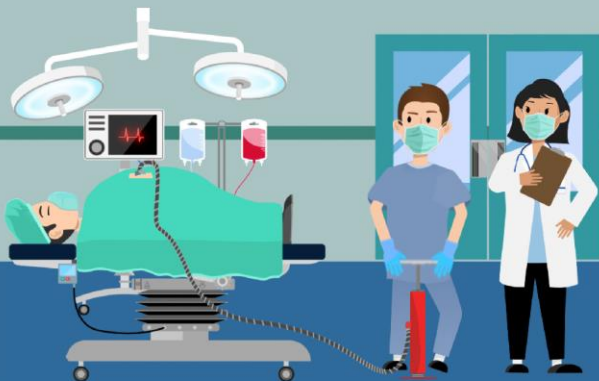


Insufflation: Patients Under Pressure

CE SEMINAR



CE Seminar – 4374D

Continuing Nursing and
Allied Health Education Provider



Funds Provided By



CE Seminar Speaker: Speaker
Date: Month XX, 2021
Time: Xx:xx pm
Length: 1 hour

WHY SHOULD YOU ATTEND?

In recent decades there has been an increased utilization of laparoscopic and robotic surgery globally. As such, there has been an emergence in technologies and rapid advances aimed at optimizing minimally invasive surgery (MIS). A critical element of most laparoscopic procedures is gas insufflation. Gas insufflation is a technique used to create and maintain operative space between the abdominal wall and internal organs (pneumoperitoneum) for safe introduction of the scope and instruments and permits adequate visualization for surgeons. According to experts, an ideal gas for insufflation should be cost-effective,

colorless, inflammable, easily expelled by the body and non-toxic to the patient.

Pneumoperitoneum causes an increase in intraabdominal pressure. The raised intraabdominal pressure, alteration in the patient's position and effects of CO₂ absorption cause changes in physiology; these changes and effects of gas insufflation may have significant implications. Health care providers should be aware that maintaining intraabdominal pressure within a low-pressure range during laparoscopic procedures reduces the incidences of pathophysiological changes.

DESCRIPTION

This continuing education activity is intended for perioperative nurses and other healthcare professionals who want to learn more about or gain knowledge and skills related to insufflation, including the impact that insufflation pressure can have on patient outcomes.

OBJECTIVES

After completing this continuing education activity, the participant should be able to:

1. Review the history of CO₂ insufflation and the purpose for its use in surgery.
2. Identify the current insufflation technologies available and how they differ.
3. Discuss the physiological effects of insufflation including patient risk factors and potential complications.
4. Describe patient positioning in regard to the effects of insufflation.
5. Explain the advantages and disadvantages of low-pressure insufflation.

ACCREDITATION INFORMATION

California Board of Registered Nursing Accreditation Statement

Association of periOperative Registered Nurses is provider-approved by the California Board of Registered Nursing, Provider Number CEP 13019 for **2 contact hours**.