

Hoorieh Saadi Qasemi

MBRU Dubai Health
UAE

Laparoscopic repair of colorectal perforations induced by compressed air pressure: a case report

Abstract:

A compressed air nozzle has the potential to result in lethal injuries when handled inappropriately. Owing to the rarity of colorectal perforations due to barotrauma, no clear pathway to managing them has been established. We report an incident of a 33-year-old male patient who presented with tension pneumoperitoneum due to rectosigmoid perforations after being subjected to transanal compressed air insult. An emergency laparoscopic exploration with primary repair of the rectal perforation and Hartmann procedure were performed resulting in a smooth postoperative course. We hereby conclude that laparoscopy is a safe and effective approach associated with faster recovery and fewer adverse events.

Biography

Hoorieh Qasemi graduated medical school with an MBBS degree in May 2024 from University of Sharjah, UAE. Currently, she is doing her one-year internship at Dubai health. Hoorieh has great interest in surgical fields and is aiming to publish more papers as she advances in her medical career.