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New approach in managing pelvic gunshot injuries

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Background: Penetrating pelvic injury (PPI) is one of the most difficult injuries to trauma surgeons; patients who have this condition have high-risk of visceral injury (rectum, bladder and distal ureters).

Case Study: We present one patient with gunshot injury to the pelvis who presented to ER with severe shock and a history of gunshot in battle field, there was an inlet wound in the left gluteal region. Immediate laparotomy was done together with fluid resuscitation. In the theatre, there was a clear plan to ligate both internal iliac arteries before exploration of pelvic hematoma.


Results: Patient showed immediate improvement of vital signs and bilateral ligation of internal iliac arteries enables full exploration of the pelvic hematoma and ligation of bleeding vessels.

Conclusion: Although gunshot injuries are considered to be one of the most difficult injuries for trauma surgeon to manage, definite plan with vascular control before exploration of pelvic hematoma can be rapid simple method to save lots of patient's lives.

Speaker Biography

Yasser S, MD, MRCS, graduated in the Faculty of Medicine, Tanta University, Egypt in 1992. He trained in the Department of General Surgery in Tanta University Hospital, where he got his Master's degree in General Surgery in 1997. He started his MD research in Menofyia University in 2000; he had been awarded Doctorate degree in Surgery in 2004. He started to work in Teaching Hospital Institution in Egypt as Lecturer and Professor of General Surgery. In 2007, he started working in Saudi Arabia as a Consultant of General Surgery where he was responsible for treating trauma patients. He trained in Mainz, Germany in 2010 in the field of Laparoscopic Surgery; in 2014, he became a member of Royal College of Surgeons of England.

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