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## Thoracic trauma update, ten years of experience trauma center, Dubai, UAE

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**Background & Aim:** Over the past ten years, the fast development of Dubai city required establishment of dedicated trauma center. The increasing number of work related injuries and road traffic accidents has increased the number of patients received by Rashid Trauma Center. The purpose of this study is to describe the experience of our center in dealing with chest trauma and to highlight recent updates in the management strategy.

**Methodology:** We have analyzed more than 4000 chest trauma cases who presented to Rashid Trauma center between 2006-2016, demographically, clinically and radiologically. We have established a protocol for managing blunt and penetrating trauma cases; we analyzed associated injuries as well as morbidities and mortalities.

**Findings:** The Mortality rate in isolated thoracic injuries depends on the anatomical site and Injury severity score. We found that majority of our thoracic trauma was part of polytrauma cases.

**Conclusion & Significance:** Thoracic trauma is a common and usually associated with other body injuries. Early diagnosis and management in specialized trauma center with multi-disciplinary team is vital for favorable outcome.

**Recommendations:** Recent update in management of chest trauma cases time and make intervention less invasive with better survival.

## References

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## Biography

Hossam Eid has expertise in cardiothoracic surgery and is passionate in improving the health and wellbeing. He is currently a senior specialist cardiothoracic surgeon at Dubai health authority (DHA) since 1994. He is currently working as a Professor of cardiothoracic surgery in Ain shams University Cairo, Egypt. He is the regent of The European Society of Thoracic surgeon in UAE since 2008. He is also one of the founders of cardiothoracic surgery department in DHA and introduced many surgical techniques in DHA like PDA clip closure in premature newborns 1994, left ventricular endoaneurysmorrhaphy 1995, endoscopic vein harvesting 1998, VATS 1999 and surgical atrial ablation for AF in 2005. He has many scientific publications and has also participated in international conferences.

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