

The Urologists One-0-One

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Abstract

Introduction:

Urological emergencies and GU-Trauma are often a challenge in diagnostics and management, especially in missions distant to the next medical facility. Currently only one German urologist is on deployment in Bagram Airfield, Afghanistan. Therefore the decision for urgent medical evacuation has to be taken over by the paramedic in field.

Aim of the talk:

Awareness and suspicion, in combination with medical knowledge will lead to correct decisions for medical treatment in urological emergencies of paramedics without the waste of resources. Typical cases will illustrate the management.

Topics:

The management of gunshot wounds and IED-blast injuries to the genitourinary tract is a challenge, but manageable without further harm to the voiding and sexual function of the patient. Renal colics are more frequent on deployments than in home countries. The pain disables patients to continue their mission, but can be managed with the correct analgetics. Testicular torsion is a time-critical emergency, which should be diagnosed early. The knowledge of Fournier's gangrene and the suspicion together with typical clinical sign should lead to immediate treatment of this life-threatening disease.

Conclusion:

GU-Trauma and urological emergencies are becoming more frequent in missions. Paramedics should be able to manage these cases by structured decisions, suspicion and awareness without further harm to the urinary tract.