Experience of a Tertiary-Level Urology Center in the Clinical Urological Events of Rare and Very Rare Incidence. II.
-Urological Self-Inflicted Harms: 1. Unintentional Patient’s Side Inflictor Urological Injuries

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Abstract:

Introduction: Unintentional self-inflicted injuries mainly refer to those injuries which are inflicted by the patient himself with benign intentions. In urology, they may vary and result in significant morbidities. Patients and Methods: A retrospective search of our patients' data records for the reported cases of patient's side-inflictor urological injuries during the period July 2006 – June 2016 was made. Each case was studied for age, gender, primary diagnosis, injury inflictor, involved organ, motivating factor, mechanism, diagnosis, management, and final outcome. Results: Of more than 55,000 urological procedures, 26 patients (0.047%) were involved in unintentional patient’s side-inflictor urological injuries. The age range was 8–76 years and included 23 Rabea A. Gadelkareem Elgamaa Street, Faculty of Medicine, Assiut University EG–71515 Assiut (Egypt) E-Mail dr.rabeagad@yahoo.com Experience of a Tertiary-Level Urology Center in the Clinical Urological Events of Rare and Very Rare Incidence. II. Urological Self-Inflicted Harms: 1. Unintentional Patient’s Side-Inflictor Urological Injuries Rabea A. Gadelkareem Ahmed A. Shahat Mohamed F. Abdelhafez Ahmed Reda Mahmoud Khalil Assiut Urology and Nephrology Hospital, Faculty of Medicine, Assiut University, Assiut, Egypt Original Paper Received: November 9, 2017 Accepted: January 10, 2018 Published online: March 8, 2019 males and 3 females. Fifteen patients (57.7%) had urological disorders before the injury. They could be differentiated into direct organ involvement injuries (53.8%) and catheter involvement injuries (46.2%). External male urogenital organs were involved in 69.3% of cases which were diagnosed on physical examination. The inflictor of the injury was the patient himself, a relative, and another patient in 73.1, 19.2, and 7.7% of cases, respectively. Motivating factors were relief of painful conditions (34.6%), psychiatric disorders (38.5%), and sexual purposes (27%). Final outcomes were short-term harm, long-term harm, and permanent disability in 50, 11.5, and 38.5% of cases, respectively. Conclusion: Unintentional patient's side-inflictor urological injuries are very rare events and mainly involve the external male urogenital organs under different motivating stressors. They could be differentiated into direct organ and catheter manipulation injuries with variable final outcomes from mild short-term harms to permanent disabilities.

Keywords:

Genital mutilation; Self-cutting; Self-harms; Self-inflicted injuries; Unintentional self-injuries

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