

## Removal Of Penile Nut Bolt

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### ABSTRACT

Penile constriction devices often present significant challenges to urologic surgeons. Failure to remove such devices can lead to significant ischemia and loss of tissue. Patients often present after several days of ischemia and swelling have developed. Here we report a case of successful use of an infant feeding tube to remove a strangulating penile ring in emergency. A case report of a strangulating metal penile ring in a psychiatric patient who presented at emergency with gangrenous change in penile skin.

**Key words:** Penile constriction, infant feeding tube, Penile Incarceration, strangulating penile ring.

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**Case report is Original:** YES

**Whether case report publishes any where?** NO

### INTRODUCTION

Penile strangulation with a ring is rare, and it's considered a Surgical emergency whenever it occurs. Its management can be challenging at the acute phase to the urologist where all manner of procedures are considered in an attempt to remove the ring in an inflamed penis. Incidence of penile strangulation in our environment is lacking and anecdotal report suggests increased involvement of youths & psychiatric patient in our society, in order to increase sexual eroticism.

### MATERIALS & METHODS:

Under emergency conditions, the INFANT FEEDING TUBE can be a useful tool for removing a strangulating penile ring.

### CASE REPORT

Here we report a case of successful use of an infant feeding tube to remove a strangulating penile ring in emergency. A case report of a strangulating metal penile ring in a psychiatric patient who presented at emergency with gangrenous change in penile skin.

### MAIN OUTCOME MEASURES

Review of published literature on penile constriction devices and their removal.



### **DISCUSSION**

Penile incarceration is frequently described in the literature as an isolated case report or small series describing the approach of a single Surgeon or group of Surgeons for dealing with these problems. Penile incarceration has been reported in a wide spectrum of age groups, with the incarcerating object most frequently placed for erotic or autoerotic purposes. While the most commonly reported devices causing incarceration are metal rings, highergrade penile injuries are more frequently sustained by nonmetallic objects. Patients who present with incarceration after 72 hours are more likely to sustain highergrade injuries than those who seek more timely treatment. Strategies for extrication depend on the type of device used, the length of time of incarceration, the patient's ability to remain calm, and the tools available to the presenting Surgeon.

### **CONCLUSION**

Penile incarceration with encircling devices is an unusual clinical condition and consequences can be severe. Prompt recognition, urgent decompression of involved tissue by removing encircling object is required to prevent potential complication. Numerous removal techniques have been described in literature, but every case needs individual approach depending on the patient presentation, type of encircling object and facilities available

### **REFERENCES**

1. Patel C, Kim R, Delterzo M, Wang R. Prolonged penile strangulation with metal clamps. *Asian J Androl.* 2006;8:105–106
2. Santucci RA, Deng D, Carney J. Removal of metal penile foreign body with a widely available emergency medical services air driven grinder. *J Urol.* 2004;63:1183–1184. PubMed
3. Ivanovski O, Stankov O, Kuzmanoski M, Saidi S, Banev S, Filipovski V. Penile strangulation: two case reports and review of the literature. *J Sex Med.* 2007;4:1775–1780.
4. [https://www.researchgate.net/publication/221750206\\_Novel\\_Extraction\\_Technique\\_to\\_Remove\\_a\\_Penile\\_Constriction\\_Device](https://www.researchgate.net/publication/221750206_Novel_Extraction_Technique_to_Remove_a_Penile_Constriction_Device) .