

Corneal Blindness in young population in India by Monkey scarer PVC Gun.

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Description

Monkey scarer air gun is now frequently used by farmers in agriculture field to save their crops from monkeys, Blue Bull and other animals. It is a simple air gun make huge sound. It can scare any animal by its sound [1].

Now a days its use has become very popular because of cheapest version of gun and it's easily availability in the market.

But this gun is a curse for eye safety and health. In India lot of reports are available in print and news media about the incidents of severe corneal injuries resulting temporary or permanent blindness (Figure 1).



Figure 1. Corneal injury with Calcium Carbide powder used in PVC Gun.

At our centre we have been receiving one patient every alternate day having fire burst injury with the gun powder used in PVC gun (Figure 2) [2].



Figure 2. Anterior segment examination revealed severe burns of Eye lashes, lids, conjunctiva and Cornea with total epithelial defect.

A male age 25 years MRD no-890200 visited in our emergency service with complain of pain and watering in his right eye, on examination his vision was HM and PR full. There were multiple foreign bodies were stuck in fornical conjunctiva and on cornea [3].

His eye washed with normal saline and powder debridement done with Amniotic membrane grafting and therapeutic bandage contact lens put.

References

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3. DiGiovanni CW, Kang L, Manuel J. Patient compliance in avoiding wrong-site surgery. *J Bone Joint Surg Am.* 2003;85:815-19.

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