

Management of gun shot injury in a tertiary hospital

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ABSTRACT

Introduction: Gun shot injury is an uncommon surgical emergency . A timely and multidisciplinary management by surgical team is an essential factor in decreasing mortality and morbidity . This study highlights the multidisciplinary management of gun shot injury.

Methodology: Bir hospital is a postgraduate teaching hospital under National Academy of Medical Sciences and tertiary referral center in Kathmandu. A prospective cohort study of gunshot injury was conducted during Septemeber 2015 and early outcome analysis was done.

Results

There were thirteen cases of gunshot wound. The mean age of casualty was 31 years and all were male.

Injury	Number (n)	Intervention	Outcome
Large intestine	3	Laparotomy	Ileostomy/wound infection
Perineum	1	Exploration/Debridement	Loop ileostomy
Bone- fracture	3	Traction/Enternal fixation/ Open reduction Internal Fixation	
Vertebra	1		Right hip power 3/5
Vascular- AV fistula	1	stenting	Referred
Brachial plexus	1		Sensory/motor deficit
Neck	2	Exploration	Marginal mandibular nerve palsy
Elbow	1	Debridement/Split thickness skin graft	

There were no mortality and one case was referred.

Discussion: With the multidisciplinary team approach, all the gunshot injury cases were managed with good outcome. The timely intervention by a surgical team is an essential factor for proper management of gun shot injury.

Key words: gun shot , injury