

PSC1: PENETRATING NECK INJURY SECONDARY TO HACKING WOUND: A CASE REPORT

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INTRODUCTION: Penetrating neck injuries are rare, life threatening situations which should be diagnosed and managed promptly and appropriately to reduce its morbidity and fatal outcomes. However controversy still exists in its proper management and no recent clear guidelines are available which results to dilemmas that specialists face during the diagnosis and management of such cases. In this patient, unconventional repair of the laryngeal condition and surrounding structures was able to save the patient's laryngeal function without severe morbidity.

KEYWORDS: Larynx, thyroid cartilage, hacking wound, neck, anastomosis

CASE PRESENTATION:

Design: Case Report

Setting: Tertiary Government Hospital

Population: One Filipino male patient

RESULTS: A 38 year old male conscious patient came into the emergency room, presented with a hacking wound injury- laceration at the anterior neck that extended into the hypopharyngeal area, transecting the thyroid cartilage. Pre-emptive tracheostomy was performed by the general surgeon. Referral to the Department of Otorhinolaryngology was done due to the extensive hypopharyngeal injury. Neck exploration was performed to control the bleeders and confirm the initial findings. Reconstruction of the hypopharyngeal, transected thyroid cartilage and strap muscles were done via anastomosis using absorbable sutures.

CONCLUSION: Meticulous anastomosis via simple interrupted suturing using absorbable suture in the repairing of a Schaefer- Fuhrman Classification Group 3 penetrating neck injury can provide prompt and appropriate treatment thus proving good outcomes and less morbidity post injury in this patient.