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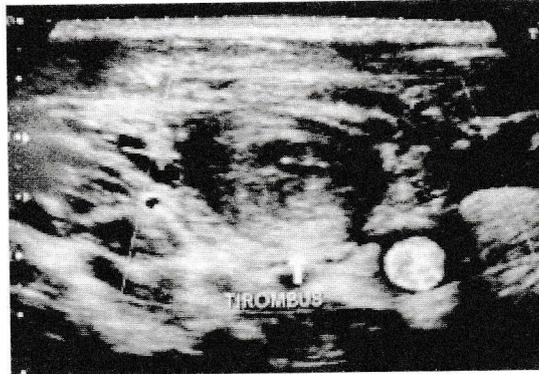


ABSTRACT BOOK



Discussion - result: Venous thrombosis generally results from impaired blood flow locally or systemically which leads to activation of coagulation mechanism. Primary care physicians should sustain a high index of suspicion in patients presenting with undiagnosed swelling in the neck or the other signs and symptoms attributed to IJVT.

Keywords: Internal jugular vein thrombosis emergency department



Picture: Thrombus in the right internal jugular vein

PP-128

Category: ENT and Eye Emergencies

SPONTANEOUS SUBCUTANEOUS ORBITAL EMPHYSEMA FOLLOWING SNEEZING

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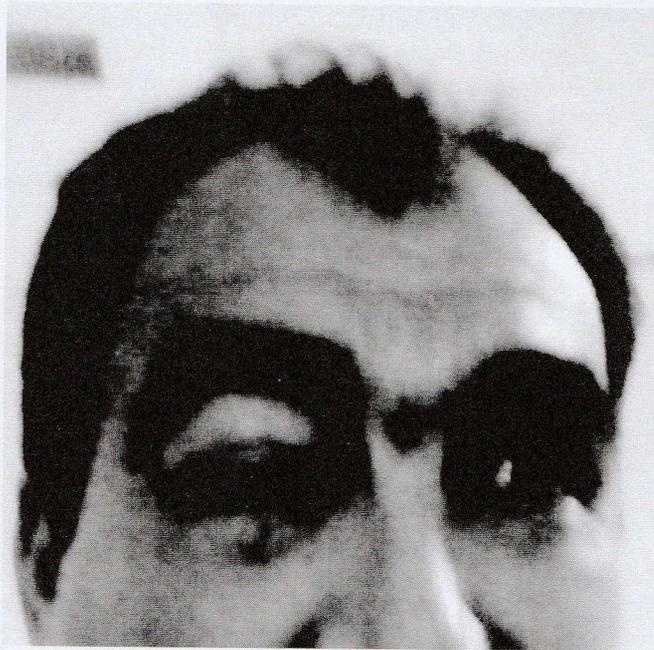
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Introduction: Orbital emphysema is an uncommon condition in the absence of facial trauma, previous surgery, insect bites, open wounds or sinusitis. In rare instances, it is observed after spontaneous, atraumatic causes such as nose blowing, sneezing or during air travel.

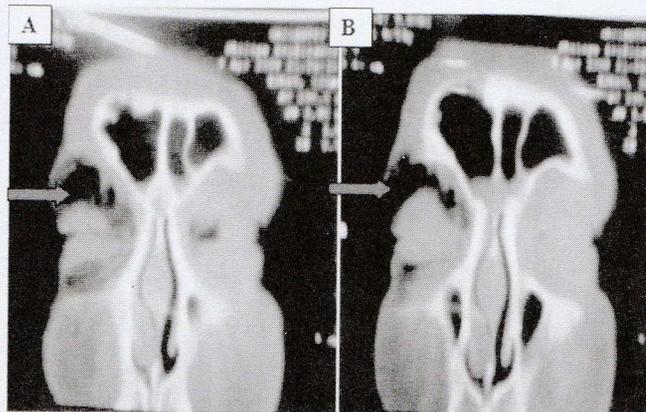
Case: A previously healthy 55-year-old man presented to the emergency department with a sudden onset of mild pain in the right eye and swelling after an episode of sneezing. He denied diplopia or any other visual changes after the swelling took place, but had difficulty opening his eyes from ptosis and swelling of the upper eyelid. On physical examination, there was mild ecchymosis, periorbital swelling, ptosis associated with crepitus on palpation in the around of the right eye (mostly in the right upper eyelid) without localized heat or tenderness (Fig. 1). On ophthalmologic examination, the visual acuity, pupillary light reactions, extraocular movements, and the fundoscopic examination were normal. Other systems examinations were also normal. CT revealed subcutaneous air right superior orbit without fracture in the orbit (Fig. 2). He was discharged for the outpatient treatment and followed-up during two weeks. Two week later, on follow-up, the subcutaneous emphysema gradually resolved without any complications.

Conclusion: Orbital emphysema may occur spontaneously after unexpected events such as sneezing in the absence of trauma. The aim of this presentation is to bring awareness to physicians of this uncommon condition, and a relatively simple treatment is advised (i.e. careful observation and close follow-up).

Keywords: Orbital emphysema sneezing follow-up



Mild ecchymosis, periorbital swelling, ptosis



A and B CT scan show subcutaneous emphysema

PP-129

Category: ENT and Eye Emergencies

OCULAR INJURIES SECONDARY TO MOTOR VEHICLE ACCIDENTS

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Introduction: Ocular trauma is one of the main causes of visual reduction or loss, particularly in the younger population. . This study was carried out to evaluate eye injuries secondary to motor vehicular accidents that have a high rate of occurrence in Gachsaran .

Methods: In this prospective study the authors included 120 patients with ocular trauma secondary to motor vehicle accidents who were admitted in the Gachsaran hospital from September 2005 to December 2009. Data collected from documents was analyzed by spss software using chisquare fisher and variance analysis statistical tests.

Results: of the 120 cases 114(95%) were male and 6 (5%) were female. The mean age of the patients was 23.4 (sd=12.6) . 90 cases (75%) and thirty-five of the accidents (42%) took place in populated areas. Fifty-three (44.16%) ocular traumas were penetrating in nature, with glass fragments being the main cause in 12 of them