**Sutherland Hospital Emergency Department**

**Investigation of the Week, November 14th**

It is 1am on a Saturday morning at your urban district ED. A 30 year old gentleman is presents to the ED after being assaulted at the pub.

After completing the primary survey you determine that he has an isolated head/facial injury.

His GCS is 15. He vital signs are within normal limits. You suspect acute orbital compartment syndrome.



**Qu 1) What features on examination would lead you to this diagnosis? (5 marks)**

Your examination confirms orbital compartment syndrome.

**Qu 2) List the next priorities in this patient’s management (3 marks)**

You decide to perform a bedside surgical procedure.

**Qu 3) Describe the steps of this procedure** **(5 marks)**

**Qu 4) As you prepare for the procedure your resident asks if you should perform a CT scan beforehand.**

**What is your answer? (1 mark)**

**What pathology are they expecting to see on CT? (1 mark)**