



## Nasal trauma

1) MUA nose (manipulation under anaesthetic) should be conducted when post injury?

- a) Within 4 days
- b) **Between 4 – 14 days**
- c) After 14 days
- d) After 6 months

**This is the perfect timing as the swelling has reduced enough to assess the nasal bone deviation, and the bones are still mobile enough to be manipulated easily**

2) MUA treats what type of nasal deformity

- a) **Deviated nasal bones only**
- b) Deviated nasal cartilage only
- c) Deviated nasal bones and cartilage

**Only deviation of the nasal bone is treated with an MUA nose. Deviation of the nasal cartilage can only be treated with a septorhinoplasty, which usually takes place >6months post injury**

3) A 24-year-old lady is allegedly assaulted, sustaining a single punch to the nose. The initial epistaxis settles with simple first aid, however 2 days after the injury the patient notices her nose is deviated to one side and the left nostril feels blocked. She attends A&E and on examination you notice a fluctuant unilateral swelling in the right nostril.

a) Which is the most likely diagnosis?

- i) Deviated nasal cartilage
- ii) **Septal haematoma**
- iii) Fractured displaced nasal turbinate
- iv) A bone spur

**A fluctuant swelling post trauma suggests a septal haematoma. The other differentials are differentiated by assessing for this fluctuance. If in doubt a needle aspiration attempt will confirm the diagnosis by draining blood from the swelling.**

b) How would you manage this swelling?

- i) MUA nose
- ii) **Septorhinoplasty**

- iii) Reassurance & discharge
- iv) Incision & drainage

The haematoma must be drained to prevent complications described below. This usually entails a general anaesthetic and a drain left in situ

c) Which three complications are associated with the swelling mentioned above?

- i) Septal perforation
- ii) Saddle nose deformity
- iii) Nasal abscess
- iv) Acute rhinosinusitis
- v) Chronic nasal obstruction
- vi) Granuloma formation
- vii) Base of skull osteitis
- viii) Noma pudendi