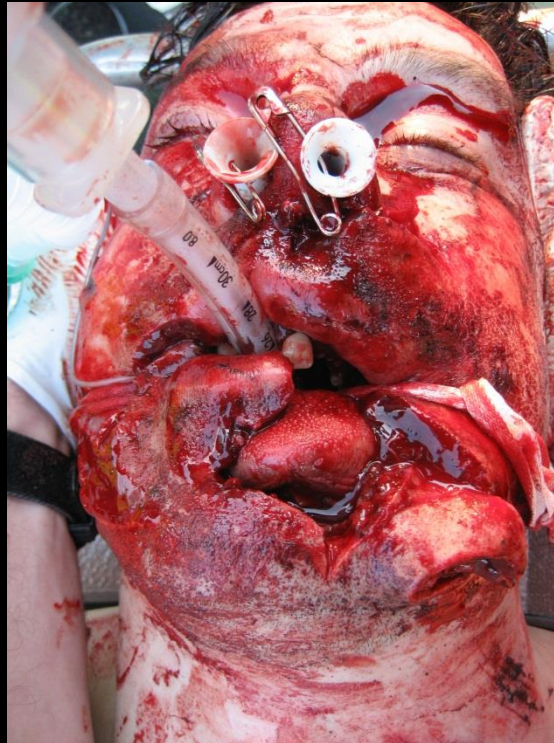


Ansigtsskader

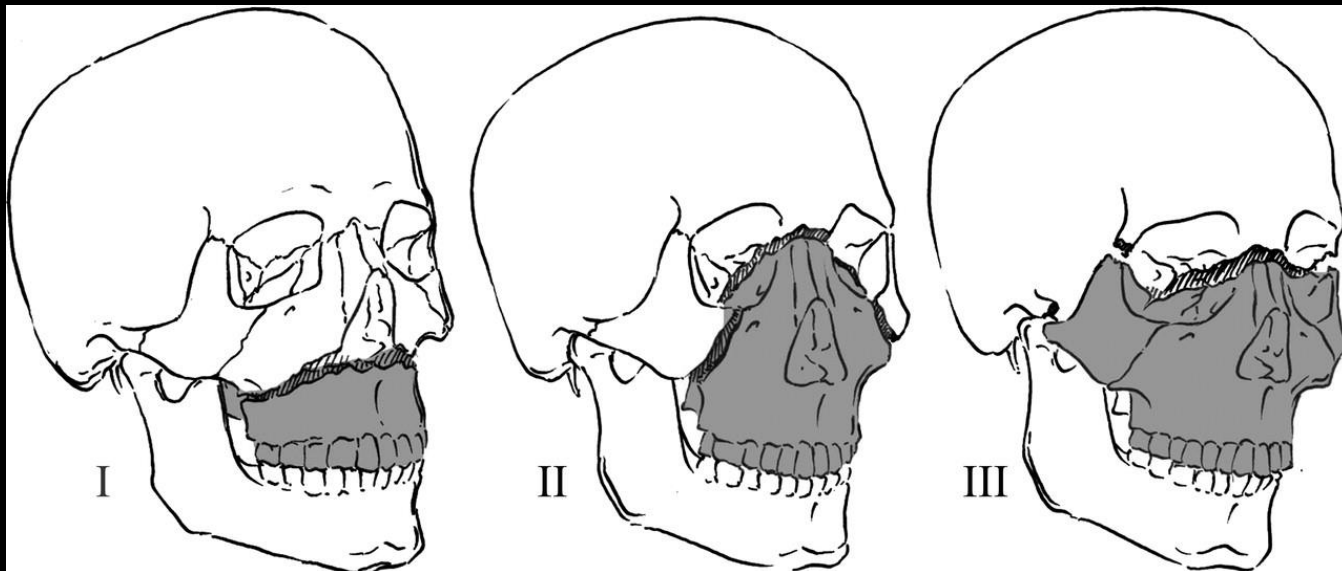
Halsskader



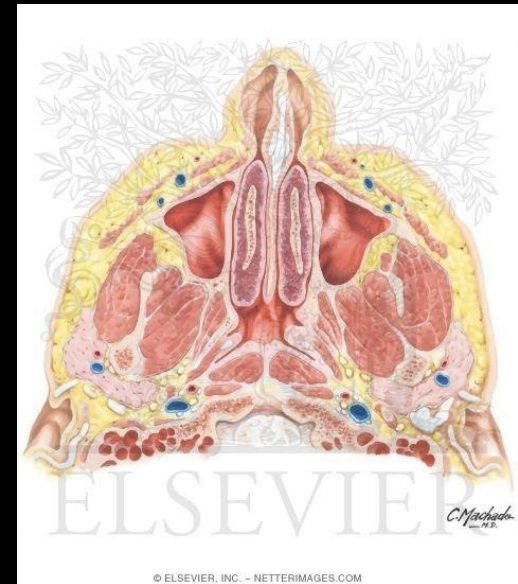
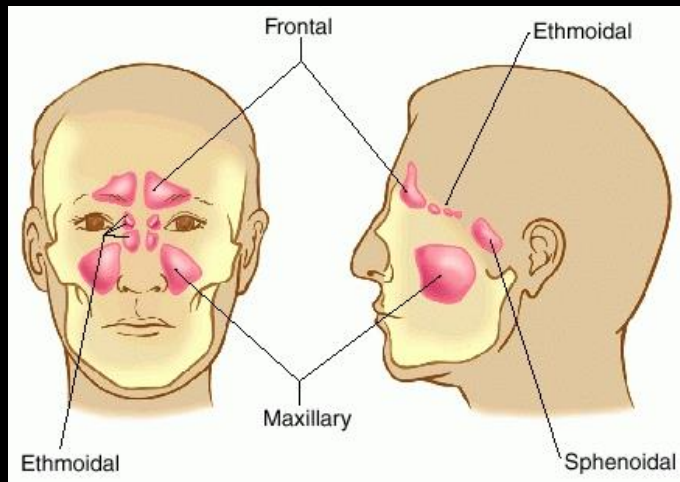
...i kort versionen..



Le Fort



Deformationszoner Paranasale sinuses



Ansigtsskader

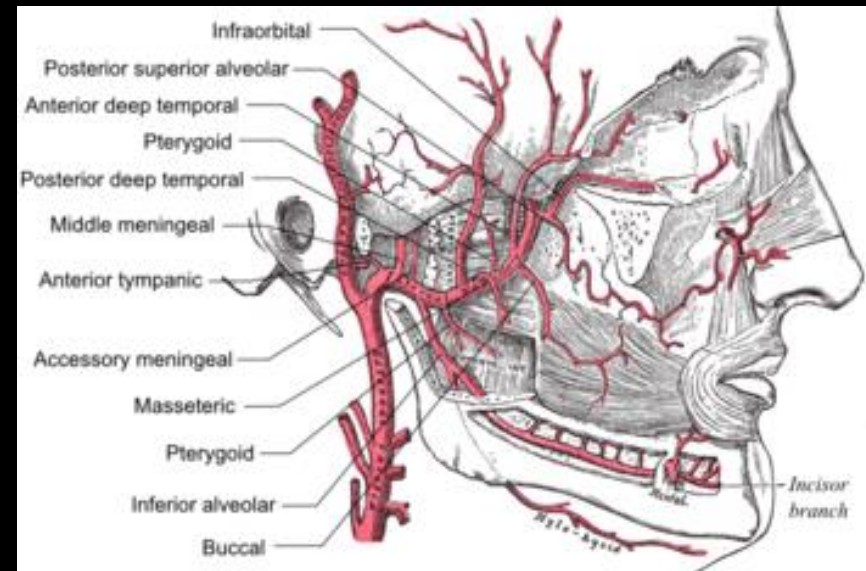
Blødning: Grene fra a. carotis ext et int

a. maxillaris

Bløddele/Mucosa (rigelig blodforsyning)

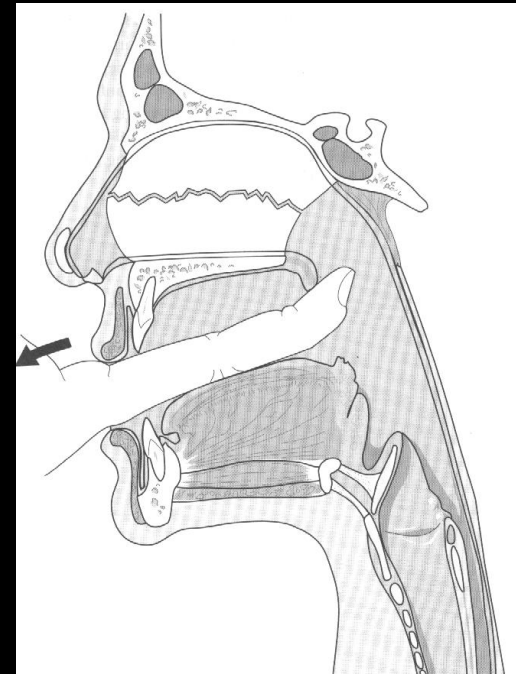
Knogler (intraossøse arterier)

Periost



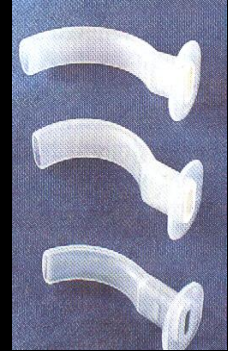
Facial Fracture

Manual handling



Facial Fractures

Manual handling



OXYGENERATING



How do we generally handle
fractures ?

Splinting

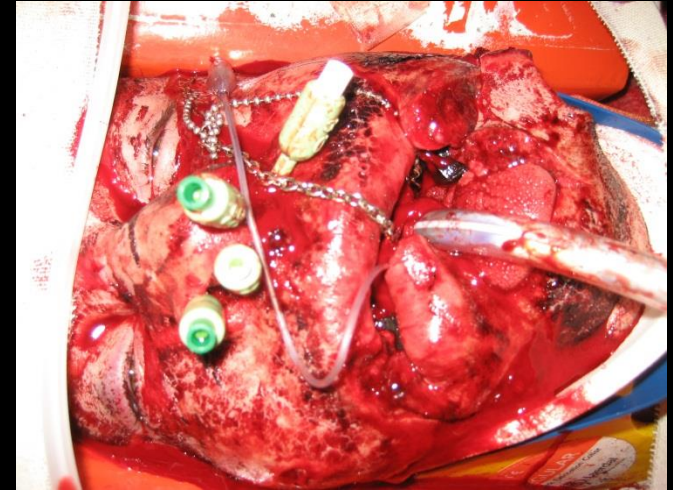
The emergency control of traumatic maxillofacial haemorrhage
Harris T, Rice S, Watts B, Davies G.
Eur J Emerg Med. 2010 Aug;17(4):230-3

Maxillo-facial injuries

Epistats

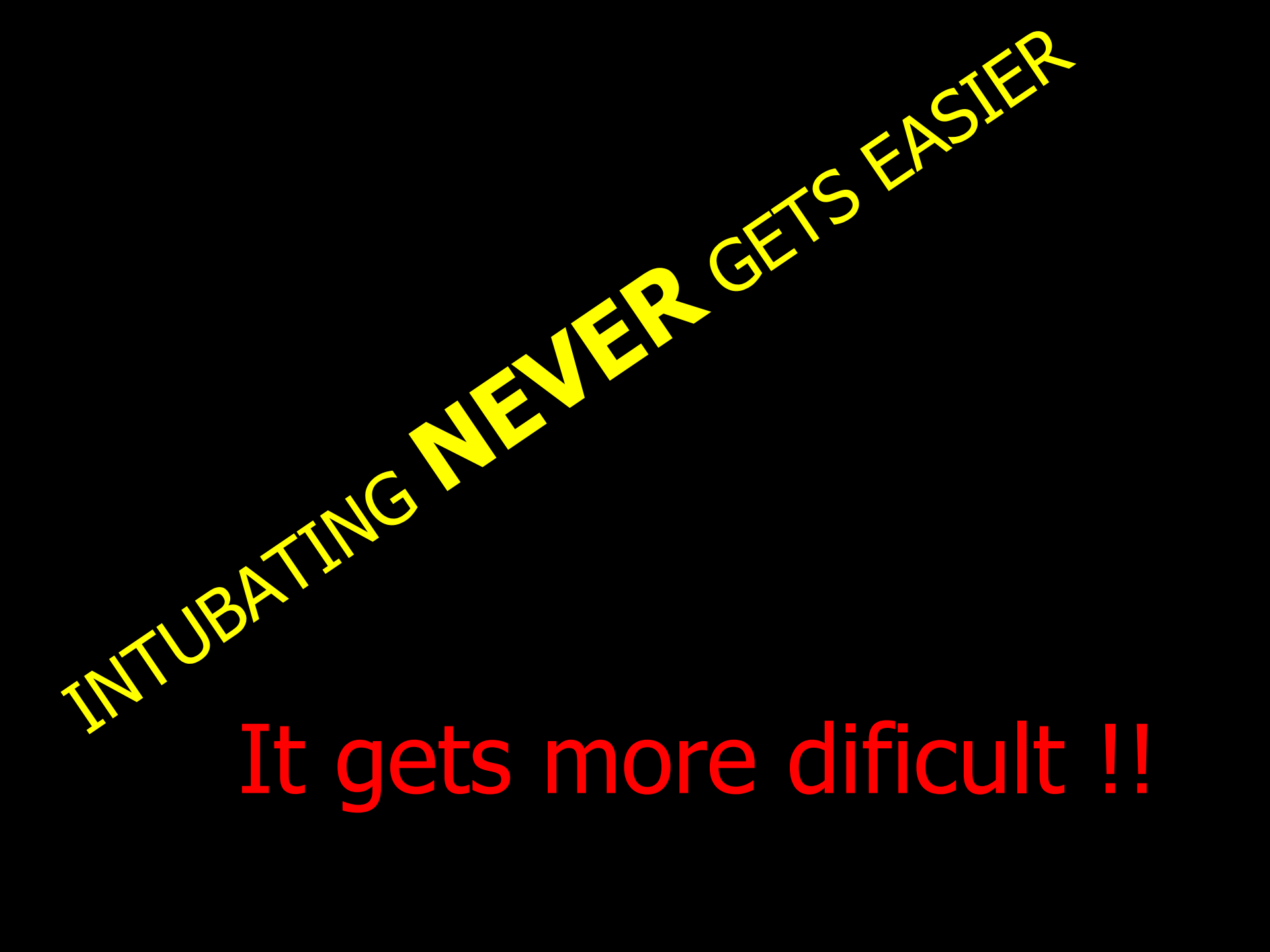
Dental Bite Blocks

C-collar







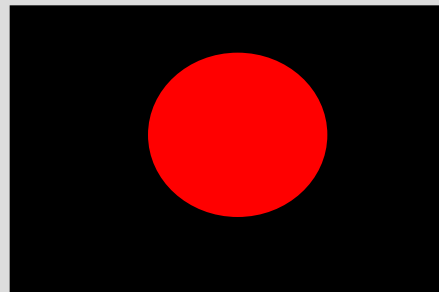


INTUBATING NEVER GETS EASIER

It gets more dificult !!

Window of opportunity !

In worst case: **One and only chance !!!**



Fiberoptic view

Window of opportunity !

In worst case: Only one chance !!!



Facial trauma

Preoxygenate properly.....

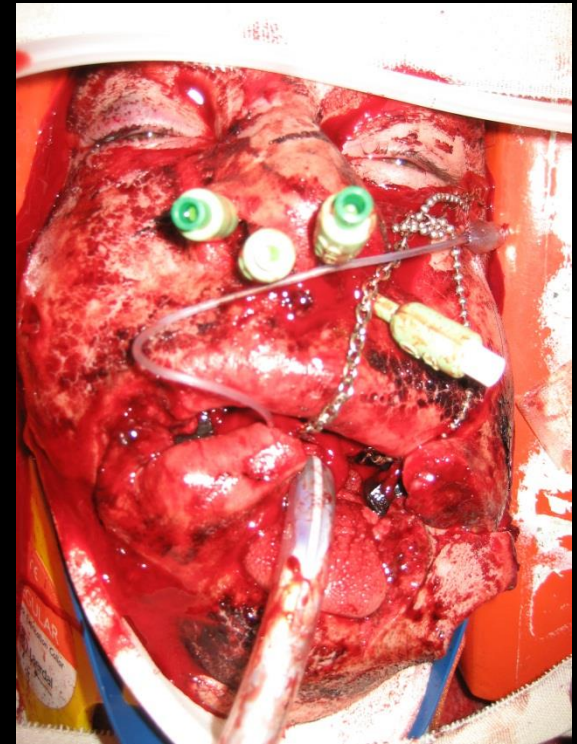
Sedate if necessary

Proper preparation

– and talk through

Suction x 2

Back up plan



The first attempt is the best attempt

Positioning

Sitting patient
Leaning forward

Lateral position

OXYGEN !

Prepare
EVERYTHING !!



The paradox

Hypoxia + Agitation

Sedate to tolerate oxygen mask

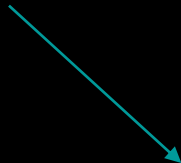
Ansigtsskader



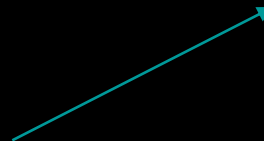
Pre-RSI



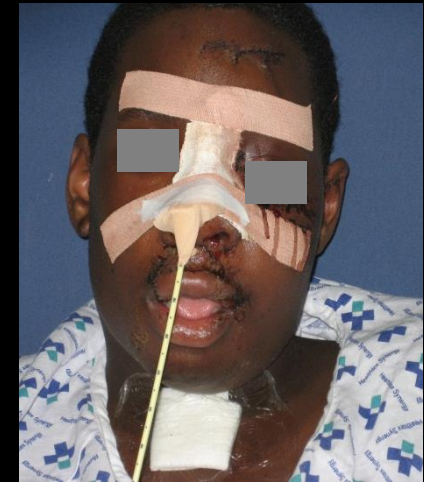
Post-RSI



Emergency Dept



Ward

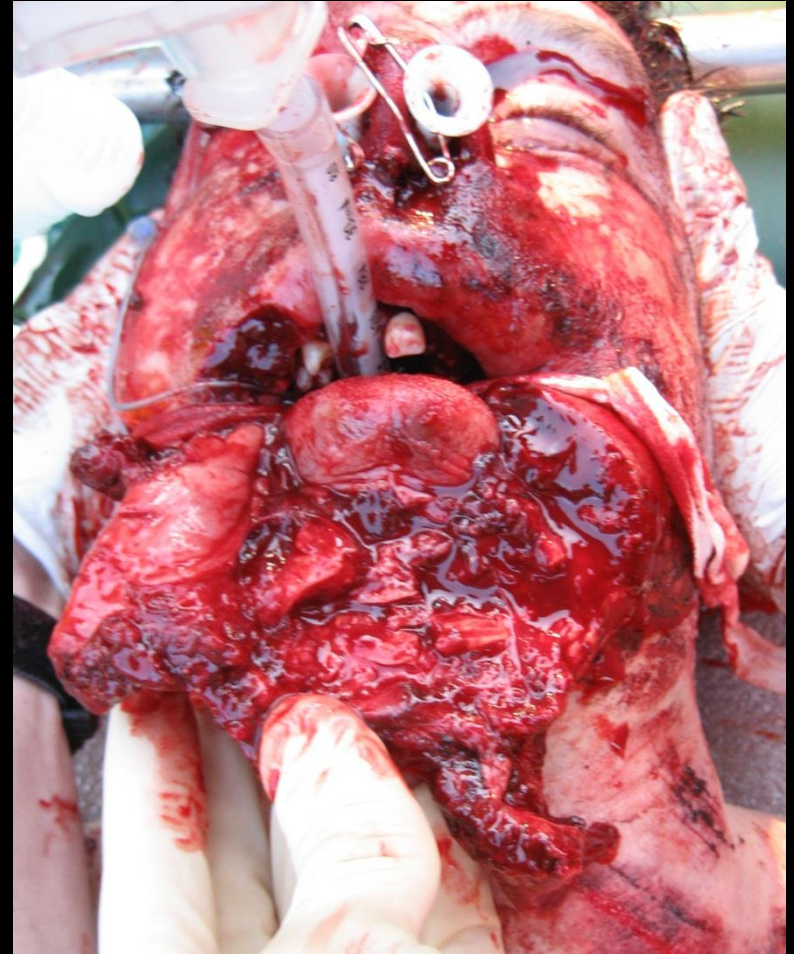
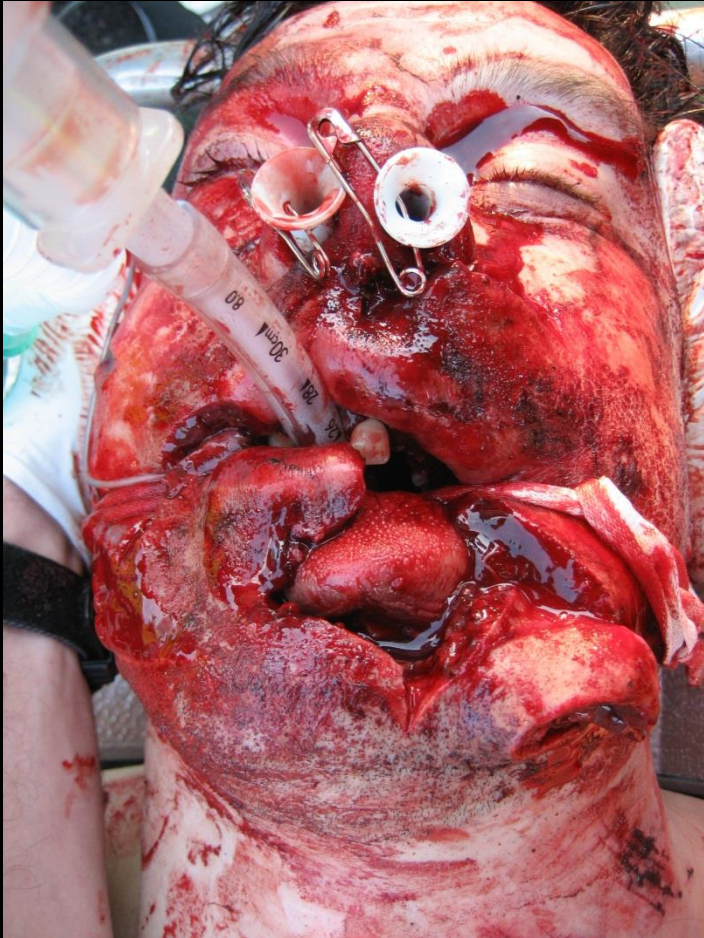


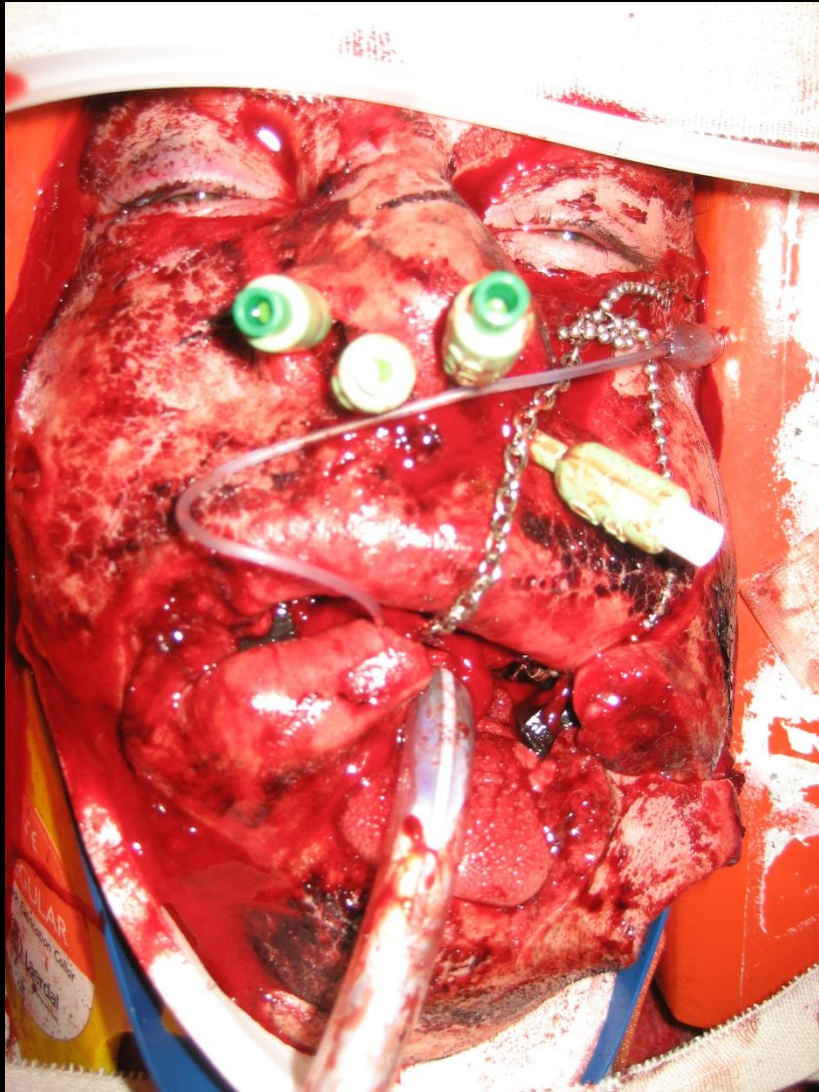
Post surgery





Window of opportunity



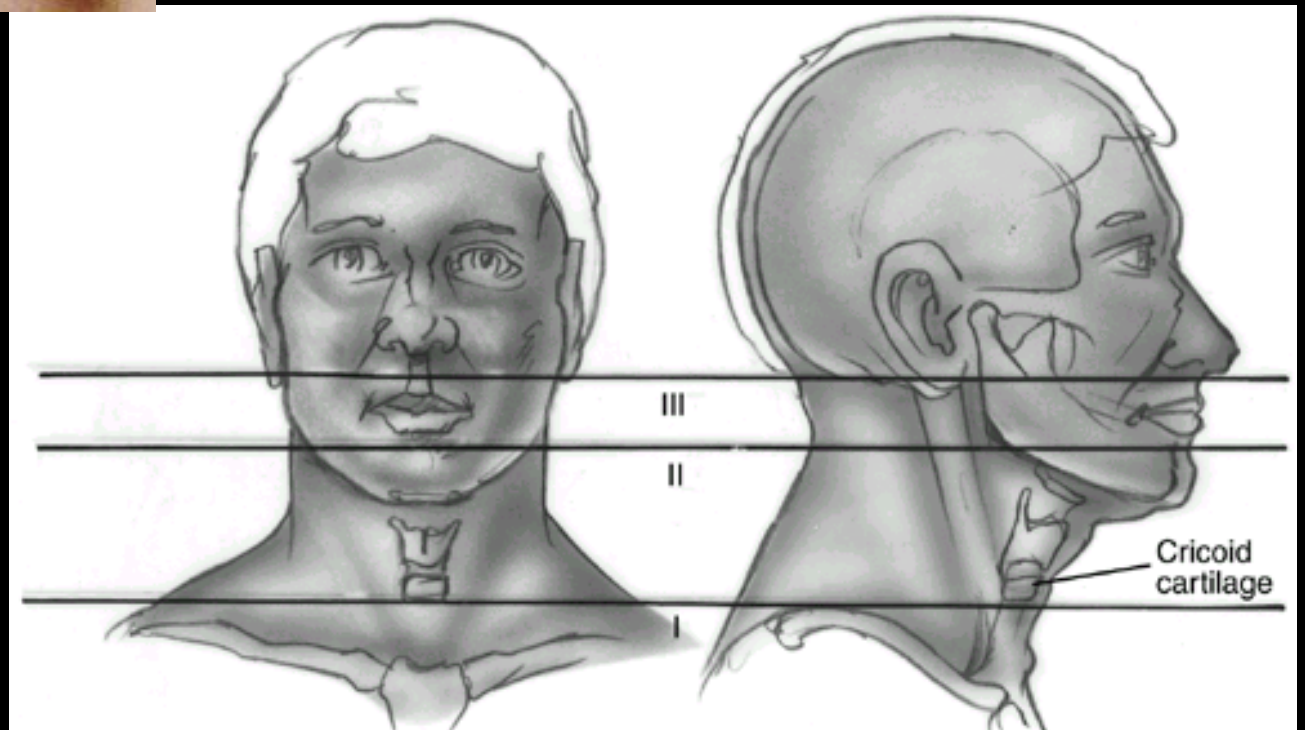


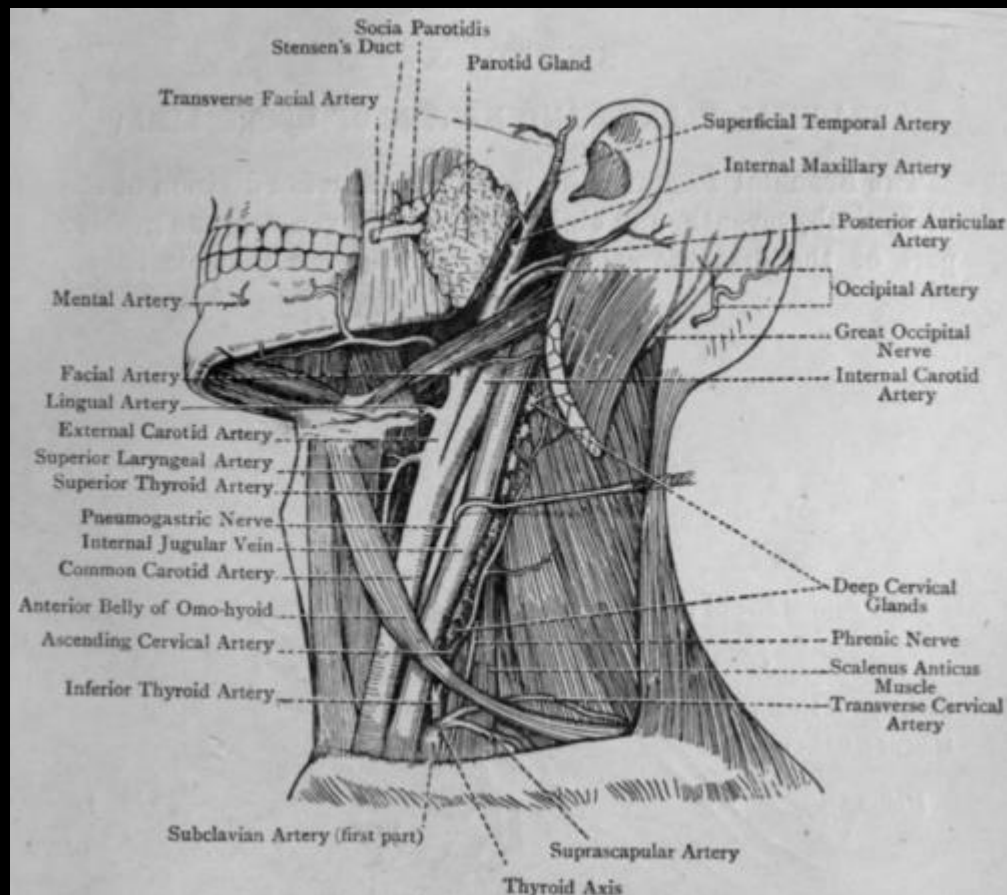
It is worth it.....



Penetrerende skader på halsen







Penetration af platysma:
60 % har kar skade i tillæg !

Men HVEM ?



Larynx Trachea

Dysphagia

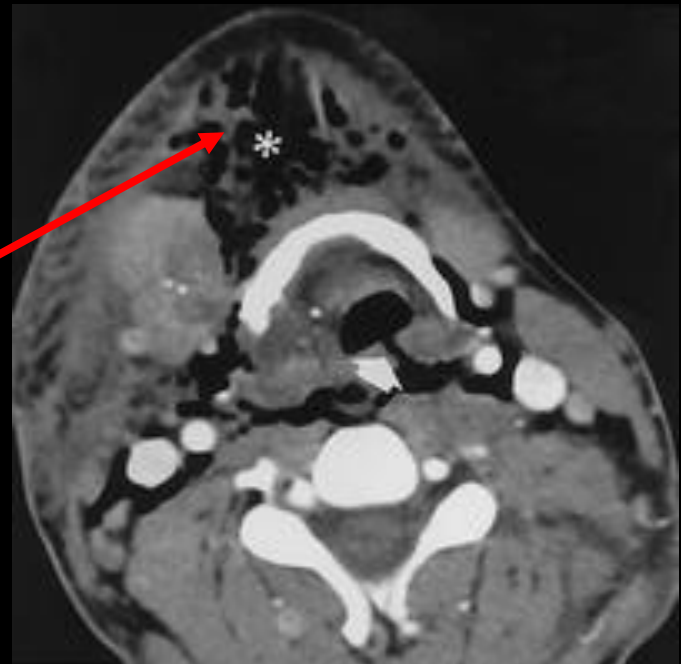
Bleeding

Air bubbles

Surgical emphysema

Hoarseness

Stridor

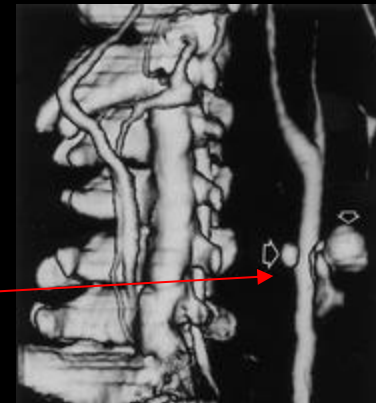
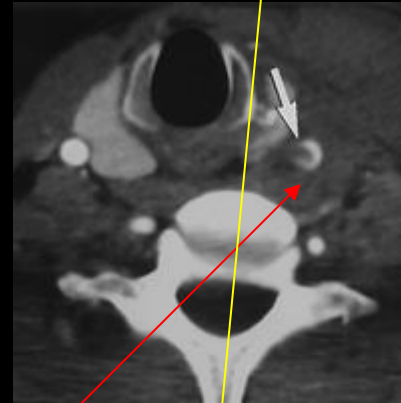
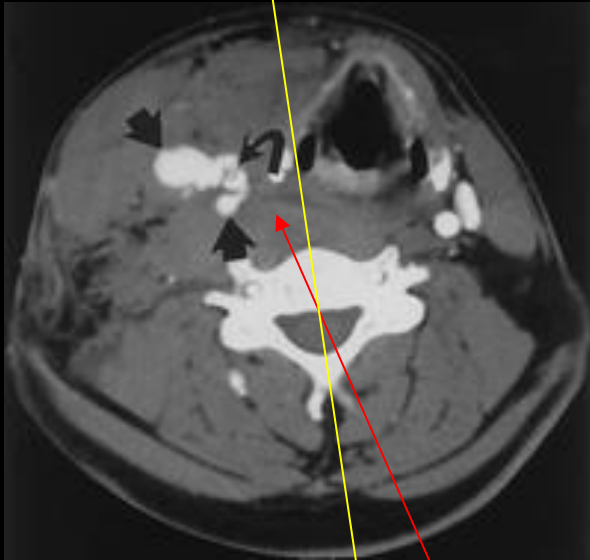


Penetrerende trachea skade

Dybe penetrerende skader

Carotid artery injury	10 %
Laryngeal tracheal injury	10 %
Esophageal injury	6 %





Extravasering
Blødning + ødem
Displacement

Larynx traume med ødem

Stump vs. penetrerende

1:2



BUDSKAB

TIDLIG INTUBATION !

Gennemtænkt

Planlagt

Forberedt

Window of opportunity



Push! Push! I don't
get it! It seems to
hide or something ...

The birth of a ninja

