

SECONDARY SURVEY

Starts when the primary survey is completed and resuscitation efforts are under way

- **HISTORY: "AMPLE"**
 - Allergies
 - Medications
 - Past history
 - Last meal
 - Events and environment of the injury
- **PHYSICAL EXAMINATION:**
 - **HEAD**
 - Scalp lacerations? Fractures?
 - Pupil size again, Visual acuity (how many fingers?..)
 - Conjunctival hemorrhage? Remove the contact lenses.
 - Ocular muscle entrapment
 - Do the GCS score again
 - **FACE**
 - Nothing is urgent except a cribriform plate fracture
 - Thus, look for midface fractures and CSF rhinorrhoea / otorrhoea
 - **C-SPINE and NECK**
 - Palpate with inline stabilization; is there pain?
 - Look for tracheal deviation
 - Look for laryngeal fracture
 - Look for subcutaneous emphysema
 - Auscultate carotid arteries
 - Look for distended neck veins TAMPONADE or TENSION P.
 - **Wounds penetrating the platysma should not be explored in ED**
 - **CHEST**
 - Look for flail segments; Palpate the whole chest looking for fractures and subcutaneous emphysema
 - Auscultate thoroughly, again.
 - **ABDOMEN**
 - Palpate everywhere
 - Look for flank hematoma
 - Look for a pregnant uterus
 - **PELVIS**
 - Put your finger into any orifice that has blood in it
 - Examine the perineum and scrotum for hematoma
 - Examine ONCE for pelvic mobility
 - **Get a pelvic sling brace on if you suspect a fracture**
 - **Musculoskeletal system**
 - Feel up and down the spine (already did this during the log roll)
 - Look for obvious long bone fractures
 - **Neurological system**
 - Revise the GCS AGAIN. Look for spinal level. Power, sensation...