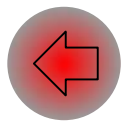


# Trauma: Secondary Survey



If any deterioration return to primary survey pathway



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Secondary survey

<b>Head injury</b>	Lacerations, bleeding, bruising Deformity, skull depression CSF leaks (nose/ears) Ophthalmoscopy and otoscopy Neurological assessment: <ul style="list-style-type: none"> <li>• reflexes, tone, power</li> <li>• posture, pupil size, pupil reactions</li> <li>• cranial nerve</li> <li>• AVPU, GCS</li> </ul>
<b>Facial injury</b>	Lacerations, bleeding, bruises Deformity, depressions Mandible, mouth, maxilla (mid face) Orbits Loose teeth
<b>Cervical injury</b>	Bruising and swelling Deformity (including torticollis) Tenderness Surgical emphysema
<b>Chest injury</b>	Chest movement - compare sides (?pneumothorax, haemothorax, flail) Tracheal deviation Deformity Neck veins (if bulging suspect cardiac tamponade) Lacerations, bruising, swelling, tenderness Surgical emphysema Air entry, percussion Heart sounds - site, loudness Peripheral pulses
<b>Abdominal injury</b>	Lacerations, bruising, swelling Tenderness/rigidity Palpate Listen bowel sounds Haematuria?
<b>Pelvic injury</b>	Lacerations, bruising, deformity Tenderness + mobility anterior iliac crests Perineum, external urethral meatus
<b>Thoracolumbar injury</b>	Tenderness, swelling, bruising, deformity? Motor and sensory functions of spinal cord
<b>Limb/extremity injury</b>	Lacerations, bruising, swelling? Deformities, tenderness? Abnormal movement or crepitus Range of movement Peripheral pulses, capillary refill Compartment syndrome? Bruit?