1.02 PATIENT ASSESSMENT –SECONDARY SURVEY

The secondary survey is the systematic assessment and complaint-focused relevant physical examination of the patient.

- The Primary Survey and initial treatment and stabilization of life-threatening airway, breathing and circulation difficulties.
- Need for Spinal Motion Restriction.
- A rapid trauma assessment (if indicated by related trauma protocol).
- Transport of the potentially unstable or critical patient.
- Investigation of the chief complaint and associated complaints, signs or symptoms.
- An initial set of vital signs:
  - Pulse.
  - Blood pressure.
  - Respiration.
  - Lung sounds.
  - Pupils.
  - Cardiac rhythm (if indicated by related protocol).
  - Pulse oximetry.
  - Blood Glucose (if indicated by related protocol).
  - Determine Glasgow Coma Scale (GCS) Score:

<table>
<thead>
<tr>
<th>Eye Opening</th>
<th>Verbal Response</th>
<th>Motor Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 = Spontaneous</td>
<td>5 = Oriented</td>
<td>6 = Obeys Commands</td>
</tr>
<tr>
<td>3 = To verbal stimuli</td>
<td>4 = Confused</td>
<td>5 = Purposeful / Localizes pain</td>
</tr>
<tr>
<td>2 = To painful stimuli</td>
<td>3 = Inappropriate words</td>
<td>4 = Withdraws to pain</td>
</tr>
<tr>
<td>1 = No Response</td>
<td>2 = Incomprehensible words</td>
<td>3 = Flexion to pain</td>
</tr>
<tr>
<td></td>
<td>1 = No Response</td>
<td>2 = Extension to pain</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 = No Response</td>
</tr>
</tbody>
</table>

USING THE GCS TO ASSESS INFANTS AND YOUNG CHILDREN:

<table>
<thead>
<tr>
<th>Eye Opening</th>
<th>Verbal Response</th>
<th>Motor Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 = Spontaneous</td>
<td>5 = Smiles, oriented to sounds, follows objects, interacts</td>
<td>6 = Obeys Commands</td>
</tr>
<tr>
<td>3 = To verbal stimuli</td>
<td>4 = Cries but is consolable; inappropriate interactions</td>
<td>5 = Purposeful/Localizes pain</td>
</tr>
<tr>
<td>2 = To painful stimuli</td>
<td>3 = Inconsistently consolable, moaning</td>
<td>4 = Withdrawal from pain</td>
</tr>
<tr>
<td>1 = No response</td>
<td>2 = Inconsolable, agitated</td>
<td>3 = Flexion to pain</td>
</tr>
<tr>
<td></td>
<td>1 = No vocal response</td>
<td>2 = Extension to pain</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 = No motor response</td>
</tr>
</tbody>
</table>

HISTORY

- Obtain Patient History from available sources.
- Allergies.
- Medications. Past medical history relevant to chief complaint
- Assessment questions, if appropriate:
  - OPQRST (location, factors that increase or decrease the pain severity and a pain
1.02 PATIENT ASSESSMENT –SECONDARY SURVEY

scale.)

- O= Onset (Sudden or gradual)
- P= Provoke (What were you doing when the pain started? Does anything make it better or worse?)
- Q= Quality (What does the pain feel like?)
- R= Region/Radiate (Where is the pain? Does it go anywhere else?)
- S= Severity (On a scale of 1-10, 10 being the worst pain you have ever had, how would you rate that pain now? How would you rate that pain at its worst or during exertion/movement?)
- T= Time (When or what time did this start?)

- PASTE (Used for Shortness of Breath Assessment)
  - P= Progression (Sudden or gradual?)
  - A= Assoc. Chest Pain (If yes, which came first?)
  - S= Sputum (Are you coughing anything up? If yes, what color is it?)
  - T= Time, Temp, Talkability (When or what time did this start? Have you had or do you have a fever? How many word sentences can the patient speak in?)
  - E= Exercise tolerance (What is the patient’s tolerance for exertion? Can they get up and walk without getting SOB? What is their baseline tolerance level?)

- Mechanism of injury (as indicated by relevant protocol).
  For focused history findings relevant to specific patient complaints, see protocols related to each chief complaint.

EXPOSE, EXAMINE & EVALUATE:

- Minimize on scene time for trauma patients

- All physical assessments for trauma should determine the presence or absence of DCAP-BTLS:
  - Deformity
  - Contusion/Crepitus
  - Abrasion
  - Puncture
  - Bruising/Bleeding
  - Tenderness
  - Laceration
  - Swelling

- In situations with suspected life threatening trauma mechanism, a rapid trauma assessment should be performed:
  - Expose head, trunk, and extremities.
  - Rapid Trauma Assessment looking for and treating life threatening injuries.
  - See relevant protocols for Head, Neck, Facial, Chest, Abdominal, Pelvis, and Extremity.

- Treat any newly discovered life-threatening wounds.