**Resus workshop**

Work in groups. Take it in turns to discuss each patient in the following scenario.

* Describe how you would approach the care of each patient (ATLS)
* Highlight their key injuries, with particular attention to **airway** (inhalation) injury, **trauma** and **burn**
* Estimate the percentage of body surface area (BSA) burned for each patient
* Estimate likely amount of fluid resuscitation required for each patient

As a group, discuss how you would triage the patients and commit to an order of priority

Discuss the resources required and whether your hospital has the facilities and expertise to look after them, or whether anyone needs to be transferred elsewhere.

***SCENARIO***

*An explosion has occurred in a nearby home which was engulfed in flames. You receive notification that 2 ambulances are inbound with 5 patients from the scene, including a*

*child. They are brought to your hospital emergency department with spinal motion restricted on long spine boards and with cervical collars in place. The injured patients are as follows.*

***PATIENT A***

*A 45-year-old male, who entered the home to bring out the child, is coughing and expectorating carbonaceous material. Hairs on his face and head are singed. His voice is clear, and he reports pain in his hands, which have erythema and early blister formation. Vital signs are: BP 120 mm Hg systolic, HR 100 beats per minute, and RR 30 breaths per minute. Weight approx. 75kg.*

***PATIENT B***

*A 6-year-old female who was carried out of the home by Patient A appears frightened and is crying. She reports pain from burns (erythema/blisters) over her back, buttocks, and both legs posteriorly. Vital signs are: BP 110/70 mm Hg, HR 100 beats per minute, and RR 25 breaths per minute.*

***PATIENT C***

*A 62-year-old male is coughing, wheezing, and expectorating carbonaceous material. His voice is hoarse, and he responds only to painful stimuli. There are erythema, blisters, and charred skin on the face and neck, anterior chest and abdominal wall, and circumferential burns of all four extremities with sparing of the groin creases and genitals. Vital signs are: BP 80/40 mm Hg, HR 140 beats per minute, and RR 35 breaths per minute. Weight approx. 90kg.*

***PATIENT D***

*A 23-year-old female is obtunded but responds to pain when her right humerus and leg are moved. There is no obvious deformity of the arm, and the thigh is swollen while in a traction splint. Vital signs are: BP 140/90 mm Hg, HR 110 beats per minute, and RR 32 breaths per minute. Weight approx. 65Kg.*

***PATIENT E***

*A 30-year-old male is alert, pale, and reports pain in his pelvis. There is evidence of fracture with abdominal distention and tenderness to palpation. There is erythema and blistering of the anterior chest, abdominal wall, and thighs. He also has a laceration to the forehead. Vital signs are: BP 130/90 mm Hg, HR 90 beats per minute, and RR 25 breaths per minute. He has a pungent, oily liquid over his arms and chest. Weight approx.. 70kg.*