

SCENARIO

- Two-vehicle collision. Both vehicles are travelling at high speed on a motorway. Vehicle 'A' has lost control and rolled several times before coming to rest on its side. Vehicle 'B' then collided into vehicle 'A'
- Vehicle 'A' has two occupants one is restrained by the seatbelt, but they are not physically trapped. The second occupant is in the rear seat behind the driver
- The occupants of vehicle 'B' have self-released but remain at the scene and are showing signs of shock



EQUIPMENT

- Stabilisation equipment, glass management tools, hydraulic rescue tools, hand tools, medical equipment and rescue board
- 1 scrap car and 1 prop vehicle (or suitable blocking prop)
- 2 Live casualty or 2 training dummies



SCENARIO PREPARATION

- A single vehicle (A) on its side, 70 % glass intact
- One casualty in the driver's seat, a second casualty is in the rear seat behind the driver. Both are resting on their side against the doors of the vehicle
- Access is available to the boot and nearside rear door of vehicle 'A'
- The engine is off, hand-brake off, still in gear
- Props – None
- Prop vehicle (B) (or a suitable alternative) is obstructing access to the front screen and partial blocking the roof of the vehicle 'A.'



INJURIES

Casualty 'A'

- Major – Spinal injury
- Minor – Broken right wrist
- Illness / Condition – Stable

Casualty 'B'

- Major – Head Injury
- Minor – Soft tissue damage to the side of the face
- Illness / Condition – Unconscious / Critical



SIGNS AND SYMPTOMS

Casualty 'A'

- Casualty responsive and alert
- Pain in the upper neck and right wrist
- Pulse Rate = 101
- Respiratory Rate = 23

Casualty 'B'

- Unresponsive
- Unequal pupils
- Blood from ear
- Pulse Rate = 38
- Respiratory rate = 8



HEALTH AND SAFETY

- Weather conditions
- Ground conditions and vehicle movements
- Manual handling
- Housekeeping
- Scrap vehicle and its content
- Live casualties (if used)



Purpose

- Initial or refresher training
- Practising the Six Phases of Extrication - Hard scenario, single vehicle road traffic collision
- Casualty assessment and handling



KEY CONSIDERATIONS

- Assess the outer and inner cordons, mechanism of injury
- Set up equipment area
- Stabilise the vehicle
- Access to casualties and their assessments
- Vehicle survey – inner and outer – Dynamic risk assessment
- Safe systems of work
- Information gathering and planning
- Access to the casualty and priorities
- Extrication pathway



KEY ACTIONS

- Assess the outer and inner cordons, mechanism of injury
- Set up equipment area
- Stabilise the vehicle
- Access to casualty and assessment
- Vehicle survey – inner and outer
- Information gathering and planning
- Casualty extrication



Debrief

- Situation
- How it went
- Address concerns
- Review learning points
- Plan ahead





SCENARIO ACTION CARD 2.4

Level of Difficulty

Hard

Basic

Easy

Standard

Hard

Complex

Six Phases of an Extrication – Scenario – Visual Aide



No access, forced entry required



Access available



Door locked