

Information for facilitators

This teaching session is designed to be delivered by the roadside to a small group. It generally runs for 20 minutes followed by a debrief of approximately 20-25 minutes (40-45 mins total).

Aim

The aims for this session is to provide management to an open fracture of a tib/fib; and appropriate assessment and sedation techniques to allow manipulation and ongoing management.

What you will need

There are THREE components to this session:

Page 2 contains **background information** that can be read to the group and an expected sim progression.

Page 3 contains **details of the scenario** with expected progression for the sim technician.

Page 4 contains the **checklist for facilitators** to fill out during the scenario and a list of equipment required.

Introduction

“You are responding to a Category 2 call of a railway worker who has fell at work and sustained a fracture to his lower leg.”

Expected Progression

- To fully assess and identify the isolated injury.
- To make an appropriate analgesia/sedation plan to allow manipulation with appropriate further management.

Case title	Isolated open tib/fib fracture			Sim no.	PRU 7
Setting	Railway siding	Patient age	34	Patient sex	M
Diagnosis	Distal tib/fib fracture (open)			Curriculum code	
Injuries	<ul style="list-style-type: none"> Complex open fracture of the distal tib/fib 				
Staff required	1 x PRU Paramedic, 1 x PRU Doctor, 2 x Ambulance staff, RIO				
Learning objectives	<ol style="list-style-type: none"> To gain familiarity with railway environment Understand and use analgesia/sedation techniques Management of open fractures 				

INITIAL SETUP

Observations				Arrival route	N/A
HR	87	GCS	E 4 V 5 M 6 = 15/15	Carers?	None
RR	18			Visible external findings: Open fracture to the right lower leg. Progression: To fully assess and identify the isolated injury. To make an appropriate analgesia/sedation plan to allow manipulation with appropriate further management.	
SpO2	99%				Pupils
BP	112/45	Temp	36.7°C		
CRT	<2 secs	Weight	70 kg		
Glucose	6.1				
Equipment on arrival	Standard response bags	Additional info	Adult mannequin		

DOMAIN	TASK	TIME	DONE
Preparation	Role allocations		
	Disposition discussions		
Initial Actions	Scene safety		
	Information gathering		
	Introductions to individuals on scene		
	Early update to control		
Assessment	A-E assessment		
	Neurovascular assessment of limb		
	Monitoring applied		
	Focused history		
Interventions	Rapid analgesia		
	IV access		
	Sedation		
	Appropriate monitoring		
	Dressing		
	Splint		
	IV antibiotics		
Decision-Making	Plan for extrication		
	Sedation/analgesia		
	Destination selection		