

SUBJECT AND CURRICULUM REFERENCE:

VF arrest: BLS and defibrillation.

- Medical Expertise
- Teamwork and Collaboration
- Prioritisation and Decision Making
- Leadership

Length: 10 minutes

CLINICAL SCENARIO STEM:

A 54yo man has been brought to the ED via ambulance following the onset of central chest pain while riding his bike. He has been administered Aspirin, GTN, and intravenous morphine. He is being cardiac monitored in a resuscitation cubicle and a 12 lead ECG has just been performed (show ECG-shows an anterior STEMI). He has a peripheral IV cannula.

As you are reading the ECG, the emergency buzzer sounds. You only have one nurse to assist you.

INSTRUCTIONS:

Candidate: The scenario is in the Resuscitation Room. There is a high fidelity mannequin that will respond as a live patient.

Role player – nurses

You are an experienced ED nurse. You will follow the candidate's instructions promptly, efficiently and competently. You will not prompt him with regards to patient management. You will alert him to significant deterioration in the patient's condition.

Examiner:

This scenario requires a BLS mannequin, basic airway equipment, defibrillator, resuscitation drugs and a competent nurse to assist the candidate.

The candidate must proceed through the VF algorithm. The patient will revert to sinus rhythm after the second defibrillation.

Assessment criteria

- recognition of VF
- Call for help
- Continuous CPR
- Application of pads, safe defibrillation
- Effective BVM ventilation
- Coordination of ventilations/compressions
- Role allocation

