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| Response | |
|-----------------|-------------------|
| Icon | Definition |


Tap and shout

| | |
|---|---|
|  | <p>Checks for response by tapping and shouting to determine the level of consciousness.</p> |
|---|---|

Check for normal breathing


| | |
|---|---|
|  | <p>Determines if the patient is breathing normally by observing chest movement.</p> |
|---|---|

Check carotid pulse


| | |
|---|--|
|  | <p>Performs a pulse check at the carotid artery. The rescuer feels for a pulse for at least 5 seconds but no more than 10 seconds.</p> |
|---|--|

| Airway | |
|---------------|-------------------|
| Icon | Definition |


Head tilt–chin lift

| | |
|---|---|
|  | <p>Performs a head tilt–chin lift. This relieves airway obstruction caused by the tongue blocking the airway.</p> |
|---|---|


Inspect mouth

| | |
|---|--|
|  | <p>Inspects mouth visually for potential foreign bodies or other obvious obstructions.</p> |
|---|--|


Suction

| | |
|---|---|
|  | <p>Performs suction of upper airway and airway adjuncts to remove secretions.</p> |
|---|---|

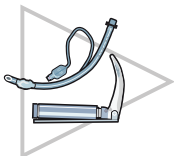
Oropharyngeal airway

| | |
|---|--|
|  | <p>Inserts an oropharyngeal airway to improve patency of the upper airway.</p> |
|---|--|


Nasopharyngeal airway

| | |
|--|--|
|  | <p>Inserts a nasopharyngeal airway to improve patency of the upper airway.</p> |
|--|--|

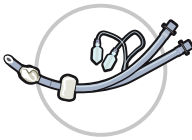
Menu: Advanced airways

| | |
|---|---|
|  | <p>Presents options for advanced airway adjuncts.</p> |
|---|---|

Endotracheal tube


| | |
|---|--|
|  | <p>Inserts endotracheal tube to improve patency of the airway.</p> |
|---|--|

Esophageal-tracheal tube


| | |
|---|---|
|  | <p>Inserts esophageal-tracheal tube to improve patency of the airway.</p> |
|---|---|



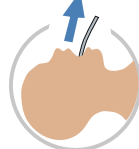
Laryngeal mask airway

| | |
|---|--|
|  | <p>Inserts laryngeal mask airway to improve patency of the airway.</p> |
|---|--|


Check tube

| | |
|---|--|
|  | <p>Checks the position of the endotracheal tube.</p> |
|---|--|


Withdraw tube

| | |
|--|--|
|  | <p>Adjusts the insertion depth of the endotracheal tube.</p> |
|--|--|


Use EDD

| | |
|---|--|
|  | <p>Checks the position of the endotracheal tube by using an esophageal detection device.</p> |
|---|--|

Secure tube

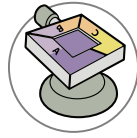
| | |
|---|---|
|  | <p>Secures the placement of the tube with tape.</p> |
|---|---|

Tube holder

| | |
|---|---|
|  | <p>Secures the placement of the tube with a commercial tube holder.</p> |
|---|---|



Colorimetric CO₂ detector



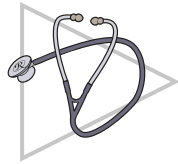
Detects exhaled CO₂ by colorimetry.

Attach capnometer



Attaches a dynamic CO₂ detector/capnograph.

Menu: Auscultate



Presents options for auscultation.

Two ventilations





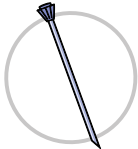


Gives 2 ventilations with a self-inflating bag.

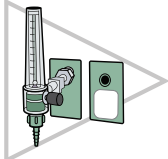
5-point auscultation




Listens to heart, lungs, and abdomen.

| Breathing | |
|---|--|
| Icon | Definition |
| Check for normal breathing | |
|  | Determines if the patient is breathing normally by observing chest movement. |
| Ventilate | |
|  | Gives continuous ventilations with a self-inflating bag. |
| Attach pulse oximeter | |
|  | Measures the oxygen saturation of the peripheral arterial blood and the peripheral pulse rate. |
| Attach capnometer | |
|  | Attaches a dynamic CO ₂ detector/capnograph. |
| Needle decompression | |
|  | Punctures the pleural cavity to deflate potential tension pneumothorax. |

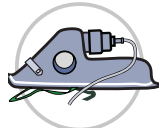
Menu: Supplementary oxygen

| | |
|---|---|
|  | <p>Presents options for different oxygen supplements.</p> |
|---|---|

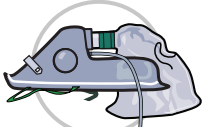
Nasal cannula

| | |
|---|---|
|  | <p>Places a nasal cannula on the patient, allowing for increased oxygen supply.</p> |
|---|---|

Simple oxygen mask

| | |
|--|--|
|  | <p>Places a simple oxygen mask on the patient, allowing for increased oxygen supply.</p> |
|--|--|

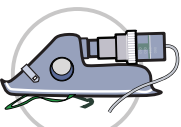
Nonrebreathing mask

| | |
|---|---|
|  | <p>Places a nonrebreathing mask on the patient, allowing for increased oxygen supply.</p> |
|---|---|

T-piece

| | |
|---|---|
|  | <p>Places a T-piece on the endotracheal tube, allowing for spontaneous breathing and oxygen supply.</p> |
|---|---|

Oxygen mask with nebulizer

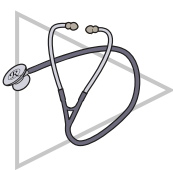
| | |
|---|---|
|  | <p>Places an oxygen mask with nebulizer reservoir on the patient, allowing for increased oxygen supply and nebulized drug administration.</p> |
|---|---|




Warm and humidify oxygen

| | |
|---|--|
|  | Administers warm humidified oxygen to the patient. |
|---|--|

Menu: Auscultate

| | |
|---|------------------------------------|
|  | Presents options for auscultation. |
|---|------------------------------------|

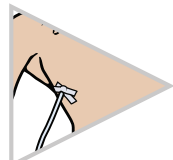
Two ventilations

| | |
|--|---|
|  | Gives 2 ventilations with a self-inflating bag. |
|--|---|

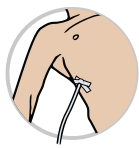
5-point auscultation

| | |
|---|---------------------------------------|
|  | Listens to heart, lungs, and abdomen. |
|---|---------------------------------------|

Menu: Chest tube


| | |
|---|---|
|  | Presents options for placement of a chest tube. |
|---|---|

Insert chest tube

| | |
|---|--|
|  | Places a chest tube in the pleural cavity. |
|---|--|




Check chest tube

| | |
|---|--|
|  | <p>Checks the placement of the chest tube by inspecting the site of insertion.</p> |
|---|--|


Circulation

| Icon | Definition |
|------|------------|
|------|------------|


Check carotid pulse

| | |
|--|--|
|  | <p>Performs a pulse check at the carotid artery. The rescuer feels for a pulse for at least 5 seconds but no more than 10 seconds.</p> |
|--|--|


CPR 30:2

| | |
|---|---|
|  | <p>Performs CPR with cycles of 30 chest compressions and 2 ventilations. (Press button again to stop compressions.)</p> |
|---|---|


Continuous CPR

| | |
|---|---|
|  | <p>Performs chest compressions at 100 compressions per minute continuously without pauses for ventilation. Meanwhile you should set the ventilation and oxygen rates delivered by the other provider (preferably 8 to 10 breaths per minute with high-flow oxygen).</p> |
|---|---|

Check radial pulse

| | |
|---|---|
|  | <p>Checks the peripheral pulse rate at the radial artery.</p> |
|---|---|


Switch providers

| | |
|---|---|
|  | <p>Causes the rescuers to switch positions when CPR is stopped, to prevent rescuer fatigue and maintain an adequate compression rate and depth.</p> |
|---|---|


Place backboard

| | |
|---|---|
|  | <p>Places a rigid backboard to improve the quality of chest compressions.</p> |
|---|---|

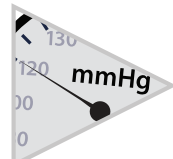
Valsalva maneuver

| | |
|--|---|
|  | <p>The patient performs the Valsalva maneuver to increase vagal tone.</p> |
|--|---|


Carotid sinus massage

| | |
|---|---|
|  | <p>Performs carotid sinus massage. This increases the vagal tone and might reduce the heart rate.</p> |
|---|---|

Menu: Blood pressure


| | |
|---|--|
|  | <p>Presents options for measuring the blood pressure of the patient.</p> |
|---|--|

Capillary refill time


| | |
|---|---|
|  | <p>Checks the capillary refill time of the patient.</p> |
|---|---|




Manual blood pressure

| | |
|---|---|
|  | <p>Measures the blood pressure of the patient manually.</p> |
|---|---|

Set up automatic NIBP

| | |
|---|---|
|  | <p>Initiates automatic noninvasive blood pressure (NIBP) measurement.</p> |
|---|---|

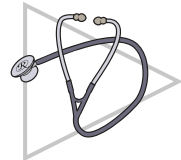
NIBP interval

| | |
|--|--|
|  | <p>Sets the time interval for repeated automatic NIBP measurement.</p> |
|--|--|


Remeasure NIBP

| | |
|---|--|
|  | <p>Listens to heart, lungs, and abdomen.</p> |
|---|--|

Menu: Auscultate

| | |
|---|---|
|  | <p>Presents options for auscultation.</p> |
|---|---|

Two ventilations

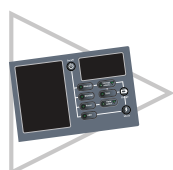
| | |
|---|--|
|  | <p>Gives 2 ventilations with a self-inflating bag.</p> |
|---|--|



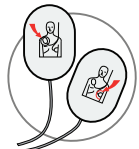
5-point auscultation

| | |
|---|--|
|  | <p>Listens to heart, lungs, and abdomen.</p> |
|---|--|


Menu: ECG & Defibrillator

| | |
|---|--|
|  | <p>Presents options for various electrophysiologic interventions and cardiac monitoring options.</p> |
|---|--|


Attach pads

| | |
|--|---|
|  | <p>Opens a detailed view of the patient's bare chest where you can apply the AED pads by dragging them to the correct position.</p> |
|--|---|


Attach 3-lead ECG

| | |
|---|-------------------------------------|
|  | <p>Attaches 3-lead ECG monitor.</p> |
|---|-------------------------------------|

Change ECG display lead


| | |
|---|---|
|  | <p>Changes the ECG lead displayed on the monitor.</p> |
|---|---|

Stand clear


| | |
|---|--|
|  | <p>Gives a verbal warning to stay clear of the patient. Any rescuers in contact with the victim will stop touching the victim.</p> |
|---|--|



Obtain 12-lead ECG

| | |
|---|---|
|  | <p>Presents recorded 12-lead ECGs of the patient.</p> |
|---|---|


Check electrodes

| | |
|---|--|
|  | <p>Checks the placement of the ECG electrodes.</p> |
|---|--|


Examine

| Icon | Definition |
|------|------------|
|------|------------|


Check the skin

| | |
|---|--|
|  | <p>Checks the condition of the patient by inspecting clinical signs of the skin.</p> |
|---|--|

Check NIH scale

| | |
|---|---|
|  | <p>Performs complete National Institutes of Health Stroke Scale (NIHSS) neurologic assessment of the patient.</p> |
|---|---|

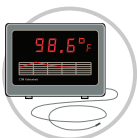
Check CPSS

| | |
|---|--|
|  | <p>Performs Cincinnati Prehospital Stroke Scale (CPSS) neurologic evaluation of the patient.</p> |
|---|--|

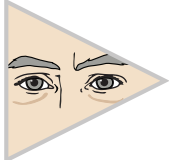
Measure temperature

| | |
|---|---|
|  | <p>Measures the temperature of the patient with an ear probe.</p> |
|---|---|


Continuous temperature

| | |
|---|--|
|  | <p>Continuously measures the temperature of the patient with a rectal probe.</p> |
|---|--|


Menu: Examine eyes

| | |
|--|--|
|  | <p>Presents options for examining the eyes of the patient.</p> |
|--|--|


Test eye movement

| | |
|---|---|
|  | <p>Checks the eye movements of the patient.</p> |
|---|---|

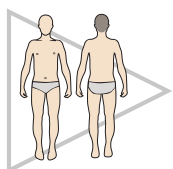
Test pupil responsiveness

| | |
|---|--|
|  | <p>Checks the pupillary light reflex of the patient.</p> |
|---|--|


Eyelash and cornea reflex

| | |
|---|---|
|  | <p>Checks the ciliary and/or corneal reflex of the patient.</p> |
|---|---|


Menu: Head-to-toe examination

| | |
|---|--|
|  | <p>Allows for full body clinical examination, including findings from inspection and palpation of the different regions of the body.</p> |
|---|--|


Menu: Auscultate

| | |
|---|---|
|  | <p>Presents options for auscultation.</p> |
|---|---|

Two ventilations

| | |
|--|--|
|  | <p>Gives 2 ventilations with a self-inflating bag.</p> |
|--|--|

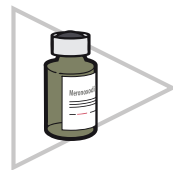
5-point auscultation

| | |
|---|--|
|  | <p>Listens to heart, lungs, and abdomen.</p> |
|---|--|

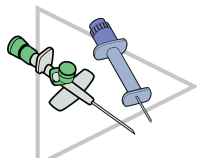
Drugs & Manage IV/IO

| Icon | Definition |
|------|------------|
|------|------------|

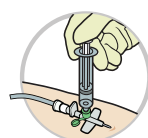
Administer drugs

| | |
|---|--|
|  | <p>Presents the various drugs and fluids available for treating the patient.</p> |
|---|--|

Manage IV/IO

| | |
|---|--|
|  | <p>Presents options for placing intravenous (IV) and/or intraosseous (IO) cannulas at different sites.</p> |
|---|--|


Flush IV/IO

| | |
|---|---|
|  | <p>Flushes the IV/IO with a 5 mL bolus of saline.</p> |
|---|---|

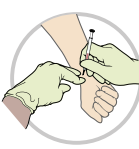
Lab

| Icon | Definition |
|------|------------|
|------|------------|


View lab results

| | |
|---|--|
|  | <p>Allows you to study the results of the blood tests ordered.</p> |
|---|--|

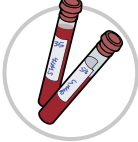
Arterial puncture

| | |
|---|--|
|  | <p>Performs arterial blood gas test. The results are returned in the medical record after a short while.</p> |
|---|--|

Venous blood sample

| | |
|---|---|
|  | <p>Collects venous blood samples. The results are returned in the medical record after a short while.</p> |
|---|---|

Troponin test

| | |
|---|--|
|  | <p>Checks the troponin (I/T) level of the blood. The result is returned as positive or negative in the medical record after a short while.</p> |
|---|--|


Measure glucose

| | |
|---|--|
|  | <p>Checks the capillary glucose level.</p> |
|---|--|

Diagnostics

| Icon | Definition |
|------|------------|
|------|------------|


View diagnostics results

| | |
|---|---|
|  | <p>Presents results of the diagnostics performed during simulation.</p> |
|---|---|


X-ray

| | |
|---|--------------------------------------|
|  | <p>Performs on-site chest x-ray.</p> |
|---|--------------------------------------|


CT scan

| | |
|---|---|
|  | <p>Transports the patient to a CT scanner to perform a CT scan of the brain. The simulation is fast-forwarded during the procedure.</p> |
|---|---|

Fibrinolytic checklist

| | |
|---|---|
|  | <p>Performs a systematic workup before potential fibrinolytic administration.</p> |
|---|---|

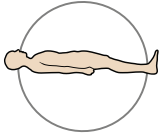
Obtain 12-lead ECG

| | |
|---|--|
|  | <p>Presents recorded 12-lead ECGs.</p> |
|---|--|


MISC

| Icon | Definition |
|------|------------|
|------|------------|

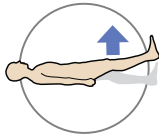
Supine

| | |
|---|---|
|  | <p>Places the patient in supine position.</p> |
|---|---|

Sit up

| | |
|---|--|
|  | <p>Places the patient in a sitting position.</p> |
|---|--|

Raise legs

| | |
|---|--|
|  | <p>Elevates the legs of the patient.</p> |
|---|--|


Insert urinary catheter

| | |
|---|---|
|  | <p>Places a urinary catheter in the bladder of the patient.</p> |
|---|---|


Check catheter output

| | |
|---|--|
|  | <p>Checks the urinary output from the patient.</p> |
|---|--|


Blanket

| | |
|--|---|
|  | <p>Places a blanket on the patient.</p> |
|--|---|


Therapeutic hypothermia

| | |
|---|--|
|  | <p>Begins preparation for post–cardiac arrest therapeutic hypothermia.</p> |
|---|--|


Call MET

| | |
|---|--|
|  | <p>Activates the medical emergency team by calling for help.</p> |
|---|--|


Consult Cardiology

| | |
|---|--|
|  | <p>Calls for cardiologic consultation.</p> |
|---|--|

Consult Neurology

| | |
|---|---|
|  | <p>Calls for neurologic consultation.</p> |
|---|---|


Open Handbook

| | |
|---|---|
|  | <p>Pauses the simulation and shows the BLS section of the <i>2010 Handbook of Emergency Cardiovascular Care for Healthcare Providers</i>.</p> |
|---|---|


Other actions



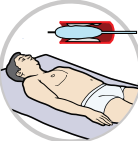


| Icon | Definition |
|------|------------|
|------|------------|

Call code


| | |
|---|--|
|  | <p>Activates the emergency response system, resulting in emergence of 2 additional rescuers to assist with CPR later on.</p> |
|---|--|

Medical record


| | |
|---|---|
|  | <p>Opens the medical record to review patient history, clinical signs, and lab findings obtained during the patient case.</p> |
|---|---|

| Transfer Patient | |
|---|---|
| Icon | Definition |
| ICU/monitored bed | |
|  | Ends the scenario by transferring the patient to an Intensive Care Unit or other unit with advanced monitoring. |
| Transvenous pacing | |
|  | Ends the scenario by transferring the patient to a laboratory with option for invasive pacing. |
| PCI | |
|  | Ends the scenario by transferring the patient to a coronary artery angiography laboratory with possibility for dilatation and stenting. |
| Discharge | |
|  | Ends the scenario by discharging the patient from the hospital. |
| Medical Ward | |
|  | Ends the scenario by transferring the patient to a medical ward with standard care level. |


Surgical Ward

| | |
|---|---|
|  | Ends the scenario by transferring the patient to a surgical ward. |
|---|---|

Stroke Unit

| | |
|---|--|
|  | Ends the scenario by transferring the patient to a stroke unit for careful observation and physiologic optimization. |
|---|--|

Stop further treatment

| | |
|--|--|
|  | Ends scenario by aborting all interventions and withholding further treatment. |
|--|--|