

Resusci Anne SkillReporter CPR-D Bid Specifications

These specifications are for a manikin that is to be used for integrated training of CPR and Early Defibrillation, with feedback and reporting capabilities and with an option to also accommodate training in Rescue/extrication or Life Saving First Aid.

- Airway must open/close by the following procedures when they are performed correctly as taught according to ILCOR guidelines:
 - Head tilt
 - Chin lift
 - Jaw thrust
- Ventilation of the manikin must be possible through the following procedures:
 - Mouth to mouth
 - Mouth to nose
 - Mask to mouth (both Pocket Mask and Bag-Valve Mask (BVM))
- The manikin must show a realistic chest rise during ventilation
 - The student must be provided correct feedback for either normal ventilation volumes or for volumes when supplementary oxygen is provided based on the ILCOR guidelines
 - Stomach insufflation should be indicated at too rapid inflation
- Removal and replacement of lungs and face skin must be easy without use of tools.
- Ears must be visible as a landmark for correctly aligning the head in order to apply a cervical spine extrication collar.
- The manikin must be equipped with an automatic bilateral carotid pulse.
- The manikin must be able to accept high voltage shock with a real defibrillator and correctly simulate conversion between cardiac rhythms as a result of defibrillation.
- It must be possible to simulate the following cardiac rhythms in the manikin:
 - Normal Sinus Rhythm (NSR)
 - Ventricular fibrillation
 - Ventricular Tachycardia, pulseless
 - Ventricular Tachycardia, with pulse
 - Asystole
 - PEA/EMD (pulseless electrical activity / electromechanical dissociation)

- The manikin must be equipped with means of providing feedback on performed CPR
- The manikin must be able to produce a printed report of the CPR performance. This should be made available as a statistical table and as a time line showing ventilation and compression curves with an indication of key CPR events along the time line.
- If defibrillation is performed on the manikin, the printed report must also produce key defibrillation data integrated with CPR data.
- The user must be able to choose whether to produce the printed report during the training session, or after the training session.
- The manikin must be available as either a Torso or a full body model.
- Arms and legs must be easily replaceable without the use of tools. Available arm and leg options must include:
 - Simple, non-articulated arms and legs
 - Articulated arms and legs with realistic movement and weight.
 - Articulated arms and legs with realistic movement and weight, plus a selection of simulated cuts/lacerations, fractures and burn wounds.

Resusci Anne SkillReporter Bid Specifications

These specifications are for a manikin that is to be used for training of CPR, with feedback and reporting capabilities and with an option to also accommodate training in Rescue/extrication or Life Saving First Aid.

- Airway must open/close by the following procedures when they are performed correctly as taught according to ILCOR guidelines:
 - Head tilt
 - Chin lift
 - Jaw thrust
- Ventilation of the manikin must be possible through the following procedures:
 - Mouth to mouth
 - Mouth to nose
 - Mask to mouth (both Pocket Mask and Bag-Valve Mask (BVM))
- The manikin must show a realistic chest rise during ventilation
 - The student must be provided correct feedback for either normal ventilation volumes or for volumes when supplementary oxygen is provided based on the ILCOR guidelines
 - Stomach insufflation should be indicated at too rapid inflation
- Removal and replacement of lungs and face skin must be easy without use of tools.
- Ears must be visible as a landmark for correctly aligning the head in order to apply a cervical spine extrication collar.
- The manikin must be equipped with a bilateral carotid pulse.
- The manikin must be equipped with means of providing feedback on performed CPR
- The manikin must be able to produce a printed report of the CPR performance. This should be made available as a statistical table and as a time line showing ventilation and compression curves with an indication of key CPR events along the time line.
- The user must be able to choose whether to produce the printed report during the training session, or after the training session.
- The manikin must be available as either a Torso or a full body model.
- Arms and legs must be easily replaceable without the use of tools. Available arm and leg options must include:
 - Simple, non-articulated arms and legs
 - Articulated arms and legs with realistic movement and weight.

- Articulated arms and legs with realistic movement and weight, plus a selection of simulated cuts/lacerations, fractures and burn wounds.

Resusci Anne SkillGuide Bid Specifications

These specifications are for a manikin that is to be used for training of CPR, with feedback on the performed CPR and with an option to also accommodate training in Rescue/extrication or Life Saving First Aid.

- Airway must open/close by the following procedures when they are performed correctly as taught according to ILCOR guidelines:
 - Head tilt
 - Chin lift
 - Jaw thrust
- Ventilation of the manikin must be possible through the following procedures:
 - Mouth to mouth
 - Mouth to nose
 - Mask to mouth (both Pocket Mask and Bag-Valve Mask (BVM))
- The manikin must show a realistic chest rise during ventilation
 - The student must be provided correct feedback for either normal ventilation volumes or for volumes when supplementary oxygen is provided based on the ILCOR guidelines
 - Stomach insufflation should be indicated at too rapid inflation
- Removal and replacement of lungs and face skin must be easy without use of tools.
- Ears must be visible as a landmark for correctly aligning the head in order to apply a cervical spine extrication collar.
- The manikin must be equipped with a bilateral carotid pulse.
- The manikin must be equipped with means of providing feedback on performed CPR
- The manikin must be available as either a Torso or a full body model.
- Arms and legs must be easily replaceable without the use of tools. Available arm and leg options must include:
 - Simple, non-articulated arms and legs
 - Articulated arms and legs with realistic movement and weight.
 - Articulated arms and legs with realistic movement and weight, plus a selection of simulated cuts/lacerations, fractures and burn wounds.

Resusci Anne Basic Bid Specifications

These specifications are for a manikin that is to be used for training of CPR with an option to also accommodate training in Rescue/extrication or Life Saving First Aid.

- Airway must open/close by the following procedures when they are performed correctly as taught according to ILCOR guidelines:
 - Head tilt
 - Chin lift
 - Jaw thrust
- Ventilation of the manikin must be possible through the following procedures:
 - Mouth to mouth
 - Mouth to nose
 - Mask to mouth (both Pocket Mask and Bag-Valve Mask (BVM))
- The manikin must show a realistic chest rise during ventilation
 - The student must be provided correct feedback for either normal ventilation volumes or for volumes when supplementary oxygen is provided based on the ILCOR guidelines
 - Stomach insufflation should be indicated at too rapid inflation
- Removal and replacement of lungs and face skin must be easy without use of tools.
- Ears must be visible as a landmark for correctly aligning the head in order to apply a cervical spine extrication collar.
- The manikin must be equipped with a bilateral carotid pulse.
- The manikin must be available as either a Torso or a full body model.
- Arms and legs must be easily replaceable without the use of tools. Available arm and leg options must include:
 - Simple, non-articulated arms and legs
 - Articulated arms and legs with realistic movement and weight.
 - Articulated arms and legs with realistic movement and weight, plus a selection of simulated cuts/lacerations, fractures and burn wounds.

AED Resusci Anne SkillReporter Bid Specifications

These specifications are for a manikin that is to be used for integrated training of CPR and early defibrillation without visible chest skin connectors for training electrodes, with feedback and reporting capabilities and with an option to also accommodate training in Rescue/extrication or Life Saving First Aid. This manikin should also have the capability to communicate via special training pads with the Laerdal or Heartstream branded AED Trainer 2 device for training of key defibrillation techniques including proper pad placement of the defibrillation pads.

- Airway must open/close by the following procedures when they are performed correctly as taught according to ILCOR guidelines:
 - Head tilt
 - Chin lift
 - Jaw thrust
- Ventilation of the manikin must be possible through the following procedures:
 - Mouth to mouth
 - Mouth to nose
 - Mask to mouth (both Pocket Mask and Bag-Valve Mask (BVM))
- The manikin must show a realistic chest rise during ventilation
 - The student must be provided correct feedback for either normal ventilation volumes or for volumes when supplementary oxygen is provided. Based on the current ILCOR guidelines
 - Stomach insufflation should be indicated at too rapid inflation
- Removal and replacement of lungs and face skin must be easy without use of tools.
- Ears must be visible as a landmark for correctly aligning the head in order to apply a cervical spine extrication collar.
- The manikin must be equipped with a bilateral carotid pulse.
- The manikin must be equipped with a special chest skin that has pad placement sensors moulded on the underneath side.
 - This chest skin must be able to communicate via training electrodes to a Laerdal or Heartstream branded AED Trainer 2 device.
- The manikin must be able to accept **simulated** voltage shock with the Laerdal or Heartstream branded AED Trainer 2 device and correctly simulate conversion between cardiac rhythms as a result of defibrillation as well as recognising proper pad placement on the chest skin.

- It must be possible to simulate the following cardiac rhythms in the manikin:
 - Normal Sinus Rhythm (NSR)
 - Ventricular fibrillation
 - Ventricular Tachycardia, pulseless
 - Ventricular Tachycardia, with pulse
 - Asystole
 - PEA/EMD (pulseless electrical activity / electromechanical dissociation)
- The manikin must be equipped with means of providing feedback on performed CPR and early defibrillation.
- The manikin must be able to produce a printed report of the CPR and defibrillation performance. This should be made available as a statistical table and as a time line showing ventilation and compression curves with an indication of key CPR and early defibrillation events along the time line.
- The user must be able to choose whether to produce the printed report during the training session, or after the training session.
- The manikin must be available as either a Torso or a full body model.
- Arms and legs must be easily replaceable without the use of tools. Available arm and leg options must include:
 - Simple, non-articulated arms and legs
 - Articulated arms and legs with realistic movement and weight.
 - Articulated arms and legs with realistic movement and weight, plus a selection of simulated cuts/lacerations, fractures and burn wounds.

AED Resusci Anne SkillGuide Bid Specifications

These specifications are for a manikin that is to be used for training of CPR and early defibrillation, with feedback on the performed CPR and early defibrillation and with an option to also accommodate training in Rescue/extrication or Life Saving First Aid. This manikin should also have the capability to communicate via special training pads with the Laerdal or Heartstream branded AED Trainer 2 device for training of key defibrillation techniques including proper pad placement of the defibrillation pads.

- Airway must open/close by the following procedures when they are performed correctly as taught according to ILCOR guidelines:
 - Head tilt
 - Chin lift
 - Jaw thrust
- Ventilation of the manikin must be possible through the following procedures:
 - Mouth to mouth
 - Mouth to nose
 - Mask to mouth (both Pocket Mask and Bag-Valve Mask (BVM))
- The manikin must show a realistic chest rise during ventilation
 - The student must be provided correct feedback for either normal ventilation volumes or for volumes when supplementary oxygen is provided based on the ILCOR guidelines
 - Stomach insufflation should be indicated at too rapid inflation
- Removal and replacement of lungs and face skin must be easy without use of tools.
- Ears must be visible as a landmark for correctly aligning the head in order to apply a cervical spine extrication collar.
- The manikin must be equipped with a bilateral carotid pulse.
- The manikin must be equipped with a special chest skin that has pad placement sensors moulded onto its underneath side.
 - This chest skin must be able to communicate via training electrodes to the Laerdal or Heartstream branded AED Trainer 2 device.
- The manikin must be able to accept **simulated** voltage shock with the Laerdal or Heartstream branded AED Trainer 2 device and correctly simulate conversion between cardiac rhythms as a result of defibrillation as well as recognising proper pad placement on the chest skin.

- The manikin must be equipped with means of providing feedback on performed CPR and early defibrillation
- The manikin must be available as either a Torso or a full body model.
- Arms and legs must be easily replaceable without the use of tools.
Available arm and leg options must include:
 - Simple, non-articulated arms and legs
 - Articulated arms and legs with realistic movement and weight.
 - Articulated arms and legs with realistic movement and weight, plus a selection of simulated cuts/lacerations, fractures and burn wounds.