Defibtech RMU 1000 Protocol

The RMU 1000 is an automated, portable, battery powered device that provides chest compressions on adult patients who have cardiac arrest. Provide consistent depth and rate chest compression. Allow for automated chest compressions in both the in hospital and out of hospital settings including during patient transport. Can be applied to the patient with minimal interruptions of CPR.

Indications for use:

- Is intended for use as an adjunct to manual cardiopulmonary resuscitation when effective manual CPR is not possilbe.
- When fatigue may prohibit the delivery of effective / consistent compressions to the victim.
- When insufficient personnel are available to provide effective CPR.

Contraindications for use:

- It is not possible to position the ACC safely or correctly on the patients chest.
- The patient is to small for the starting piston height to reach the patients chest
- The patient is to large for the frame to attach to the backboard.
- If the compression module / piston cannot be mounted without compressing the patient's chest.

Side effects:

- Rib fractures and other injuries are common but acceptable consequences of CPR given the alternative of death from cardiac arrest.

Components of device:

- Backboard
- Frame
- Carrying case
- Patient interface pad
- Patient wrist straps
- Battery pack
- Compression module
- AC Adapter
- Stabilization strap
- Chest suction cup
- User Manual and quick reference Guide

Assembly and use of device on patient:

- Place backboard under patient.
- Place frame over backboard and lock into place.
- Attach the suction cup to the frame where the plunger will come through**
- Lock in the compression module by placing in slot and turning until it clicks into place. Note battery pack should already be in place on device.
- Device can be programmed for 30/2 compressions or continuous compressions.
- Turn device on once powered up push down button to extend plunger downto make contract with chest.
- Once the plunger touches the chest it will be ready for operation.
- Push the run continuous button if advance airway in place if not push run with breaths button.

**If the plunger becomes dislodged from base, simply push it onto the bottom of the chest plunger

Post use procedures:

- Remove and dispose of the used patient interface pad.
- Remove and clean the stabilization strap
- The patient wrist straps may be removed for cleaning or if they need to be replaced.
- Clean all components that have been in contact with the patient and let them dry.
- Replace the battery pack with a fully charged battery pack or fully charge the battery pack in the ACC unit.
- Repack the ACC components and spares in the carry case.

Cleaning of device:

- To clean the ACC frame, backboard and compression module, use a soft cloth dampened with one the following recommended cleaning agents (Soapy water, ammonia-based cleaners, hydrogen peroxide, isopropyl alcohol 70% solution, chlorine bleach 30 ml/liter water).
- Do not immerse the frame, backboard or compression module components in fluids or allow fluids to enter unit.
- Do not spray cleaning solutions directly on the unit or its connectors.
- Do not use abrasive materials on strong solvents such as acetone or acetone based cleaning agents.
- After cleaning allow the unit to completely dry before returning to service.