



Mechanical Chest Compression Device

BLS PROCEDURE BP-02

INDICATION	<ul style="list-style-type: none"> • Non-traumatic cardiac arrest, where manual CPR is indicated. • Locally approved mechanical chest compression devices: <ul style="list-style-type: none"> • Physio-Control LUCAS. • Zoll Auto-Pulse.
CONTRAINDICATION	<ul style="list-style-type: none"> • Age Restrictions: <ul style="list-style-type: none"> • Auto-Pulse: < 18 years old. • LUCAS: < 15 years old. • Traumatic arrest. • Patients who do not fit with the device due to being too small or too large.
PROCEDURE	<ul style="list-style-type: none"> • Initiate resuscitative measures according to Cardiac Arrest Management C-01. <ul style="list-style-type: none"> • Manual chest compressions must be initiated immediately while the mechanical chest compression device is being placed on the patient. • Limit interruption in chest compressions to 10 seconds or less. • Remove all clothing from the front and back of the patient's torso. • Follow manufacturer recommendations for application and use of mechanical compression device.
KEY CONCEPTS	<ul style="list-style-type: none"> • Defibrillation can be performed with a mechanical chest compression device in place. There is no need to stop the device for the purpose of defibrillation. • In the event of a disruption or malfunction of the mechanical chest compression device, immediately revert to manual CPR. • Mechanical chest compression devices can and should be used during transport of the patient.