




SYNCRONISED DEFIBRILLATION USING TRANSPORT ZOLL X SERIES

DEFIBRILLATOR OPERATOR'S STEP BY STEP GUIDE

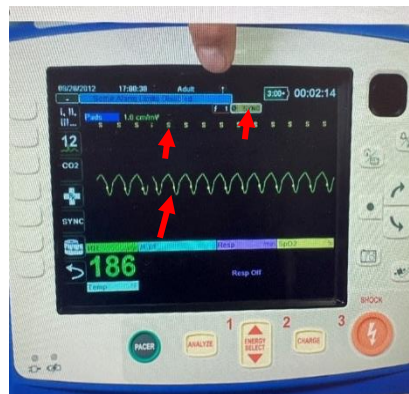
| Defibrillator Set up | | |
|----------------------|--|--|
| 1 | Ensure baby's skin is dry and free of fluid or gel | |
| 2 | Obtain defibrillator pads |  |
| 3 | Attach the pads to the baby; either right anterior and left lateral or anterior and posterior (in the midline). The pads are clearly marked to which one goes in which position. |  |
| | Attach pads to the defibrillation lead (which is already attached to the monitor). Make sure the white connector clicks into place. |  |

Defib process:

- 4 Press the SYNC button on the side of the monitor






The synchronized mode is indicated by an **S** above the R waves, a **dot** on the R wave and the flashing green **SYNC indicator** at the top of the monitor (red arrows).



If the sync mode is not visible on the menu on the left hand side it may be the menu is on the 2nd page. Press the return arrow to change back to 1st menu page (red circle)



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| 4 | <p>Select energy required using Button 1 “Energy select” at the bottom of the machine. Use the up and down arrows to select the energy according to algorithm</p> <p>1st shock; 0.5 J/Kg (round up to nearest whole number even if .1 to .5)</p>  | |
| 5 | <p>Defibrillator operator to say “Oxygen Away”</p> <p>Before charging ensure all oxygen or gas sources (CPAP or DuoPap/High flow/Nasal Prongs/ Neopuff facemask) are removed to > 1 m from patient.</p> <p>If patient is intubated (even with uncuffed tube) or has iGel in situ, the ventilator circuit or neopuff circuit can remain in situ and oxygen does not need to be turned down.</p> <p>If patient is intubated or has iGel in situ and is on the ventilator ensure neopuff tubing has not been left in the bed.</p> | |
| 6 | <p>Defibrillator operator to say “Charging. Everyone else away”</p> <p>Defibrillator operator to press Button 2 “Charge”.</p> | |

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| | <p>The screen will then indicate the device is charging by the flashing orange charging box in bottom left corner on the monitor and intermittent beeping will sound.</p>  | |
| 7 | <p>Defibrillator operator to say “Stand back from baby’s area. Shock being delivered”</p> <p>Defibrillator operator to scan area to ensure everyone is clear</p> <p>Once the device is charged button 3 will light up, the orange box on the monitor will display “Charged. Press to shock” and the beep will become continuous.</p> <p>Defibrillator operator then to press and hold Button 3 Shock</p>  | |
| 8 | <p>Defibrillator operator to say “Shock delivered. Re position oxygen supply if removed”</p> <p>The orange box will turn green and confirm the delivered energy and button 3 will stop being illuminated once shock has been delivered.</p> | |
| 9 | <p>If cardioversion has not occurred then;</p> <p>2nd shock to be given at 1 J/Kg</p> <p>If cardioversion has not occurred:</p> <p>Amidarone (5 mg/kg) over 20 mins can be given before 3rd shock</p> <p>3rd shock to be given at 2 J/Kg</p> | |

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If at any time from the point of charging to delivering the shock, you need to remove the charge then press the “Disarm” button on the left-hand side of the monitor.

