

UVA Community Health
Competency Verification Record (CVR)
Zoll Defibrillator R Series

Employee Name: _____ Employee ID #: _____ Date: _____

Competency Record Statement: Demonstrates correct use of Zoll R Series defibrillator

Section	Demonstrated Skill Behaviors for Competency	Evaluator's Initials
<i>Pad Placement</i>	For all Zoll Defib Pads <ol style="list-style-type: none"> A. Whenever able, ensure skin is clean and dry, removing all lotions and medication residue with water and mild soap, if necessary, prior to pad placement B. If applying pads in an anterior and posterior placement, ALWAYS place posterior pad FIRST to ensure there is good adherence and positioning C. Then place anterior pad, ensuring good coupling (connection) between pads and skin <ol style="list-style-type: none"> a. If the anterior pad is placed first and the patient is rolled, it is likely to result in lifting of the pad b. ALWAYS check pad adherence prior to and during therapy D. Electrodes should be changed after: <ol style="list-style-type: none"> a. 24 hours of use b. 8 hours of continuous pacing; OR c. 2 hours for radiolucent (procedural) pads 	
<i>Section 1</i>	Use of Zoll R Series Defibrillator- Basics and AED Mode <ol style="list-style-type: none"> A. Identifies device readiness (Green check mark is present, 2 cables (therapy cable and 3-lead monitoring cable), charging indicator, battery charged, check expiration of defib pads and monitoring electrodes) <ul style="list-style-type: none"> • Checks battery level • Verbalizes the importance of connecting new pads to the defibrillator after an event. B. Identifies correct pad placement C. Sets machine in Defib mode (red zone) D. Activates AED function by selecting “ANALYZE”, then presses “SHOCK”. E. Demonstrates compressions that fill the “CPR PPI” and “Release” indicators on device <p>NOTE: End of competency for any job role that requires BLS - uses AED Mode only</p>	
<i>Section 2</i>	Use of Zoll R Series in Manual Mode for staff with ACLS, PALS or NRP <ol style="list-style-type: none"> A. Activates manual mode by setting machine in Defib mode (red zone), pressing the “CHARGE” button (*energy auto escalates only if energy selector is not manually changed) B. Sets the machine to monitor mode to “dump” energy C. Identifies location and function of Lead, Size, Alarm Suspend and Recorder buttons D. Sets machine for cardioversion (aware of energy recommendations and the synchronize soft key that activates engage/disengage) E. Sets the machine to pacing mode and identifies adjustment knobs for output and rate F. Identifies location of 4:1 button and Async soft key G. Identifies capnography module H. Assess patient for hyperemia (expected redness) after electrical therapy, report any sloughing or blistering (not expected) as a safety event in reporting system <p>-----</p> <ol style="list-style-type: none"> I. **Licensed staff with weekly device check responsibility: Demonstrates when and how to complete a weekly device check (device should NOT be in clinical use when weekly check is performed) 	
<i>Section 3</i>	Staff with Pediatric Responsibility (PALS or NRP) <ol style="list-style-type: none"> A. Selects appropriate pads based on patient’s weight. B. Describes how to attach pediatric or neonatal pads with anterior/posterior placement C. Attaches therapy cable to pediatric or neonatal pads D. Verbalizes that for pediatrics and neonates the energy level must be set manually to desired joules <p>**All devices configured in standard adult mode; adjust energy for pediatric/neonatal patients**</p>	

Reference: R Series Training Guide. (2017). Zoll Medical Corporation.

Competency Verified by:

 Evaluator’s Name (printed) Evaluator’s signature Date: _____

Name of CVR: Zoll Defibrillator R Series

Subject Matter Expert: Clinical Nurse Educators

CVR created 9/17/2019; **Revised:** 02/18/20; **Revised** for UVA CH 2/27/24