

HYPOTENSIVE RESUSCITATION

For use of this form see TC 8-800; the proponent agency is TRADOC.

TABLES: III

REFERENCES: STP 8-68W13-SM-TG, Tasks: 081-833-0033, Initiate an Intravenous Infusion; 081-833-0213, Perform a Tactical Casualty Assessment; 081-835-3025, Initiate a Saline Lock; Prehospital Trauma Life Support (*PHTLS*), *Revised Military Edition*.

1. **Soldier** (*Last Name, First Name, MI*)

2. **Date** (YYYYMMDD)

CONDITIONS: Given a casualty with unspecified wounds demonstrating the signs and symptoms of hypovolemic shock in a simulated combat environment. You are not in a CBRN environment.

The timely and appropriate use of intravenous therapy by the Soldier Medic could make the difference between a casualty dying of the wounds received or surviving evacuation to the next level of care.

STANDARDS: Perform all measures IAW the standards of evaluation outlined in C168W144/1 Tactical Combat Casualty Care. You must score at least 70% (*8 of 11 steps*) and not miss any critical (*) elements on the skill sheet.

SAFETY:

- o Risk Assessment: Medium. All bodily fluids should be considered potentially infectious; always observe body substance isolation (*BSI*).

- o Precautions: Wear gloves and eye protection as a minimal standard of protection.

- o Environmental: None.

NOTE: Soldier Medics must be observed. (*Evaluator to Soldier Medic ratio is 1:6*).

NOTE: This invasive procedure has the risk of accidental needle stick; this risk is profoundly minimized by adequate direct supervision and on-going instruction during the practical exercise. See DA Pam 40-11, *Preventive Medicine*.

TEST SCENARIO:

An infantryman was moving through a built-up area when an artillery round impacted approximately 20 meters from where he was standing. Following counter-battery, you move forward to his position. As you approach the casualty, you see him returning fire from a covered position. You determine the position is secure enough for you to provide emergency care from a kneeling position. You note considerable blood coming from behind the casualty's thigh. You must assess and manage this casualty; you have been provided the necessary medical equipment.

3. Evaluator's Comments and After-Test Recommendations:

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**HYPOTENSIVE RESUSCITATION
GRADING SHEET**

| TASK | COMPLETED | | | | | |
|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| | 1ST | | 2ND | | 3RD | |
| | P | F | P | F | P | F |
| 4. | | | | | | |
| a. * Took/verbalized body substance isolation (BSI) precautions. EVALUATOR: Inform the Soldier Medic that the casualty is now supine and behind cover. | <input type="checkbox"/> |
| b. Took steps to control the hemorrhage first. | <input type="checkbox"/> |
| c. Initiated intravenous access by IV. | <input type="checkbox"/> |
| d. If unable to initiate peripheral venous access, considered a sternal intraosseous line (F.A.S.T. 1™). | <input type="checkbox"/> |
| e. * Palpated for radial pulse and assessed casualty's mentation; reacted appropriately. EVALUATOR: Inform the Soldier Medic that 30 minutes has passed. | <input type="checkbox"/> |
| f. Rechecked the radial pulse in 30 minutes; reacted appropriately. EVALUATOR: Inform the Soldier Medic that another 30 minutes has passed. | <input type="checkbox"/> |
| g. Rechecked the radial pulse in 30 minutes; reacted appropriately. | <input type="checkbox"/> |
| h. * Considered triaging medical supplies. | <input type="checkbox"/> |
| i. * Protected the casualty from hypothermia pending evacuation. | <input type="checkbox"/> |
| j. Documented the procedure on the appropriate medical form. | <input type="checkbox"/> |
| k. * Did not cause further injury to the casualty. | <input type="checkbox"/> |

* CRITICAL ELEMENTS

HYPOTENSIVE RESUSCITATION EVALUATOR GUIDELINES AND INSTRUCTIONS

Inform the Soldier Medic of the CONDITIONS and STANDARDS as stated on this form.
Provide an optional scenario, if appropriate. This scenario should reinforce the unique or particular needs of the unit.
Allow sufficient time for the Soldier Medic to extract information from the scenario.
Provide each evaluator with the grading sheet.
Ensure the Soldier Medic has all required materials.
Explain how the exercise is graded.

Resource Requirements:

Evaluator: Grading Sheet and applicable scenario.

Soldier Medic: Applicable scenario, medical aid bag stocked with a basic load.

Additional Scoring Guidelines:

Palpated for radial pulse and assessed casualty's mentation; reacted appropriately.

- If radial pulse was present, and casualty was able, gave oral fluids.
- If radial pulse was absent, or casualty had altered mentation, started Hextend 500 ml as rapidly as possible.

Rechecked the radial pulse in 30 minutes; reacted appropriately.

- If the radial pulse had returned, held fluids (*initiates a saline lock*) and rechecked as often as possible.
- If the radial pulse had not returned or mentation had not improved, gave another 500 ml of Hextend.

Rechecked the radial pulse in 30 minutes; reacted appropriately.

- If radial pulse had returned, held fluids (*initiates a saline lock*) and evacuated the casualty as soon as possible.
- If radial pulse had not returned or mentation had not improved, determined if additional casualties existed and amount of fluid available in the medical aid bag.