

CONTROL BLEEDING USING AN IMPROVISED TOURNIQUET

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

TABLES: I

REFERENCES STP 8-68W13-SM-TG, Task: 081-833-0210, Apply a Tourniquet to Control Bleeding; Emergency Care and Transportation of the Sick and Wounded.

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

2. **Date** (YYYYMMDD)

CONDITIONS: Given a casualty with significant extremity hemorrhage in a simulated combat environment. You are not in a CBRN environment. Direct pressure, elevation, and pressure dressings applied directly to the wound usually control bleeding; however, they are not always effective. In the case of traumatic amputations and in a tactical environment, use of tourniquets will greatly decrease the mortality of severely injured casualties, and may be the initial intervention to control severe hemorrhaging.

STANDARDS: Perform all measures IAW the standards of evaluation outlined in C168W144/1 Tactical Combat Casualty Care. You must score at least 70% (10 of 14 steps) and not miss any critical (*) elements on the skill sheet.

SAFETY:

- o Risk Assessment: Low. 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).

TEST SCENARIO:

Your infantry squad has been assigned the task to patrol the outskirts of a village. To your front, a mortar round impacts near your squad's point man; you drag the Soldier behind cover and perform your initial and rapid trauma assessment. The casualty is conscious and has a traumatic amputation of his left lower leg. You determine that a tourniquet is the best way to bring the hemorrhage under control. You do not have access to your M-5 medical aid bag; you must apply an improvised tourniquet using the materials available.

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

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**CONTROL BLEEDING USING AN IMPROVISED TOURNIQUET
GRADING SHEET**

TASK	COMPLETED					
	1ST		2ND		3RD	
	P	F	P	F	P	F
4.						
a. * Took/verbalized body substance isolation (BSI) precautions.	<input type="checkbox"/>					
b. Exposed the injury by cutting away the casualty's clothing.	<input type="checkbox"/>					
c. Assembled the materials for the improvised tourniquet.	<input type="checkbox"/>					
d. * Placed the improvised tourniquet between the casualty's heart and the wound; left at least 2 inches of uninjured skin between the tourniquet and the wound.	<input type="checkbox"/>					
e. Wrapped the improvised tourniquet (cravat) around the extremity and tied a half-knot on the anterior surface of the extremity.	<input type="checkbox"/>					
f. Placed a stick or similar object (windlass) directly over the half-knot; tied a square knot over the stick.	<input type="checkbox"/>					
g. * Twisted the stick until bleeding stopped. EVALUATOR: If a fellow Soldier is used as the simulated casualty, prompt the Soldier Medic when bleeding has stopped. Use care to not overtighten the tourniquet on the simulated casualty.	<input type="checkbox"/>					
h. * Secured the stick in place using tape or another cravat.	<input type="checkbox"/>					
i. Using a marker, drew a "T" on the casualty's forehead and recorded the date and time the tourniquet was applied (scrap paper or FMC). EVALUATOR: The Soldier Medic must not cover the tourniquet.	<input type="checkbox"/>					
j. Dressed the stump.	<input type="checkbox"/>					
k. Preserved the amputated part (if possible).	<input type="checkbox"/>					
l. Transported the casualty as soon as possible to an MTF; transported the amputated part with the casualty (if possible).	<input type="checkbox"/>					
m. Documented the procedure on the appropriate medical form (at the first opportunity).	<input type="checkbox"/>					
n. * Did not cause further injury to the casualty.	<input type="checkbox"/>					

* Critical Elements

**CONTROL BLEEDING USING AN IMPROVISED TOURNIQUET
GRADING SHEET (cont'd)**

5. Demonstrated Proficiency Yes No

6. Start Time	7. Stop Time	8. Initial Evaluator
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9. Start Time	10. Stop Time	11. Retest Evaluator
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12. Start Time	13. Stop Time	14. Final Evaluator
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15. Remarks

**CONTROL BLEEDING USING AN IMPROVISED TOURNIQUET
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, cravats and sticks, adhesive tape, marker.

Additional Scoring Guidelines: None