

## **Event #4: Duck Tape First Aid Scoring Guidelines**

**Material to be provided by Station Master:** Scoring Rubric, 6 staves, 3 blankets, 3 one gallon pails, ruler, water, 3 stopwatches

In this event, Scouts are given the first aid scenario described below. Scouts must render first aid for each of the injuries by using duct tape as part of the treatment. Patrols will have to furnish all first aid supplies such as 3 gauze pads, latex gloves, and a roll of duct tape. Each patrol will have to provide its own victim. Only first aid knowledge required for BSA rank advancement (tenderfoot, second class, first class) will be used in the scenario. Scenario judges will judge the scenario throughout the day to ensure consistency in scoring.

### **First Aid Scenario**

Your patrol has ridden mountain bikes a couple of miles down a narrow trail when one of the patrol members hits a rock in the trail, loses control of the bike, and wrecks tumbling several yards down the hillside. Fortunately, he was wearing a helmet and did not appear to hit his head. Unfortunately, in the fall he landed on a jagged rock, cutting the lower part of his right arm. The cut is very deep and is bleeding severely. There are nasty scrapes on his right elbow and left knee. Your pal is complaining about pain in his left shoulder and right ankle. You run your fingers along his clavicle and see him wince as your fingers touch a lump in the middle of his collarbone. Bingo, it's broken. His right ankle appears to be swelling. Your friend looks pale and says he feels woozy.

### **Scoring Checklist:**

**The victim needs first aid for:**

- Severe bleeding
- Broken left collar bone
- Sprained right ankle
- Scrapes on elbow and knee
- Possible shock
- Transport to evacuation point.

**Scouts need to do the following:**

- Send two Scouts for help
- Stop serious bleeding by using direct pressure and applying a bandage. They should use latex gloves keep the pressure on the wound by securing the gauze pad with duct tape. The tape should be snug but not too tight as to cut off circulation.
- Simultaneously they should calm and reassure the victim that he will be taken care of.
- Treat for shock by getting him warm with a blanket or jackets and elevate the head and feet if possible.
- Immobilize the right ankle injury using duct tape wrapped over the boot or shoe.
- Create a sling out of duct tape to support the left arm and secure to the body with duct tape.
- Treat scrapes by first cleaning them and then securing gauze pads over the scrapes with duct tape

The Duck Tape First Aid event will conclude with patrols making an improvised stretcher and hauling a gallon pail of water filled to the brim to simulate the moving of an injured person quickly, but with minimal jarring to prevent further aggravation of broken bones and sprains. Four scouts will carry the stretcher to a pylon. At the pylon they must switch off with other members of their patrol who will return to the start line with the stretcher. Patrol members may be reused if 8 patrol members are not available. They will need to use care while carry this vessel. The water may spill or splash as they go along. The score for this event will be based on points received from the first aid scenario, the amount of liquid left in the pail as measured by a ruler to the nearest millimeter after it is placed on the ground at the finish line, and the overall time for the stretcher portion of the event.

## SCORING SHEET

Treatment		Possible Points	Actual Points
1	Two Scouts are sent for help (buddy system). 2 points if only one Scout is sent for help.	4	
2	Put on latex gloves	4	
3	Use direct pressure to stop blood flow from the fore arm.	4	
4	Dress the wound using duct tape to hold the dressing in place.	4	
5	Calm and reassure the victim.	4	
6	Treat for shock by getting him warm with a blanket and elevate right foot and head.	4	
7	The ankle should be immobilized by wrapping duct tape snugly over the boot.	4	
8	Make a sling out of duct tape and apply it to the left arm with minimal movement.	4	
9	Secure the sling snugly to the body with duct tape to prevent movement.	4	
10	Construct a stretcher using a blanket and staves and transport the victim (bucket of water) to the evacuation point.	4	
	Time to transport victim (see guidelines below).	15	
	Amount of water retained (as measured by a ruler).	15	
<b>Total Possible Points</b>		70	

### Time to transport victim:

1<sup>st</sup> place 15 points. Reduce by 1 point for each place that follows. If there are 15 or more patrols, 15<sup>th</sup> place and lower will receive 0 points.

### Amount of water retained in gallon pail:

1<sup>st</sup> place 15 points. Reduce by 1 point for each place that follows. If there are 15 or more patrols, 15<sup>th</sup> place and lower will receive 0 points.

If two or more patrols are tied after everything has been added up, the fastest transport time will determine the winner.

