

ONTARIO

**COMMUNITY SERVICES
PATIENT CARE COMPETITION**

SCENARIO # 1

Scenario Name: “One Leg at a Time”

APRIL 7, 2002

2002 ONTARIO COMMUNITY SERVICES PATIENT CARE SCENARIO
April 7, 2002 – Scenario 1

TEAM NAME: _____

TEAM CAPTAIN NAME: _____

JUDGE #1: _____

JUDGE #2: _____

FLOOR POSITION: _____

SCORING:

Page 1 Total: _____

Page 2 Total: _____

Page 3 Total: _____

Page 4 Total: _____

Page 5 Total: _____

Page 6 Total: _____

Grand Total: _____

2002 ONTARIO COMMUNITY SERVICES PATIENT CARE COMPETITION

JUDGES AND SIMULATORS COPY OF SCENARIO (DO NOT GIVE THIS SHEET TO TEAMS)

Team Scenario # 1

Your division is providing patient care services at a local conservation area about 30 minutes outside of the city.

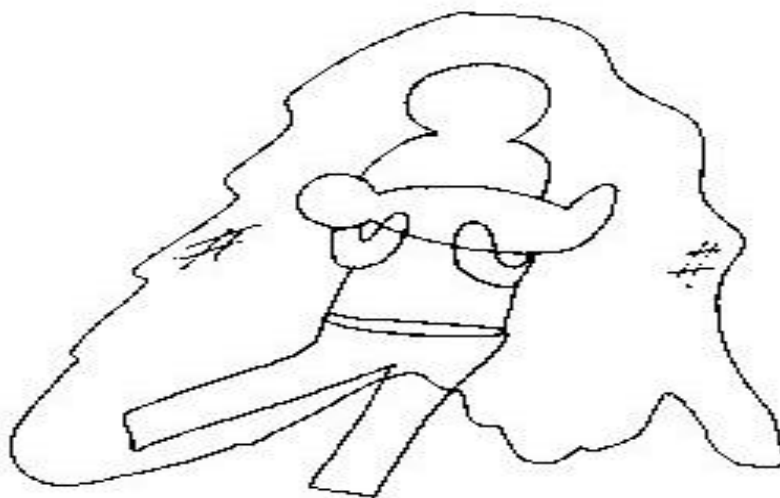
You and your partner are patrolling the area's waterfront. There is a small beach area with a sandy shore that meets the lake. There are some heavy canvas tents on the beach for the public to use as change areas.

It had been a nice day until about an hour ago when it started to get very windy. The water is getting rough and the sand is blowing around. As a result, there are few people left on the beach and you figure that this will be your last patrol for the day.

As you step onto the beach you notice that one of these large canvas tents has apparently collapsed from the wind. Two park maintenance workers are on scene trying to remove it and when they notice you, they wave for you to come over.

It is late afternoon, about 1600 hrs and while it is still sunny, there is quite a bit of wind and blowing sand.

DIAGRAM OF PROBLEM SCENE:



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TEAM COPY OF SCENARIO (*GIVE THIS SHEET TO TEAMS*)

Team Scenario # 1

Your division is providing patient care services at a local conservation area about 30 minutes outside of the city.

You and your partner are patrolling the area's waterfront. There is a small beach area with a sandy shore that meets the lake. There are some heavy canvas tents on the beach for the public to use as change areas.

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As you step onto the beach you notice that one of these large canvas tents has apparently collapsed from the wind. Two park maintenance workers are on scene trying to remove it and when they notice you, they wave for you to come over.

It is late afternoon, about 1600 hrs and while it is still sunny there is quite a bit of wind and blowing sand.

FURTHER DESCRIPTION OF PROBLEM FOR JUDGES:

The information in this area is to help with the judge's understanding of the problem only and should not be revealed in detail to the teams except where specifically indicated in the section "Specific team prompts by Judges".

The background behind the problem is as follows; the adult patient went into the change tent to change their baby's diaper and get ready to go home but during this time, the heavy winds blew down the canvas tent.

Initially, only one leg of the parent will be visible to the team, as the rest of them is covered by the tent. The team will have to "sweat it out" for two minutes until the workmen free the tent from the casualties. The team members or any bystanders will be unable to speed up this process of tent removal as the workmen insist that it will be faster if the team lets them deal with it. They will tell the team that they "have done this before and there are a couple of catches to release to get it off". The team will also be prohibited by the workmen from touching the casualty through the "tent" as this will prevent them from being able to remove it. The exposed leg is however, accessible to the team and hopefully they will exploit this to their full advantage.

The baby - The parent's only thought when the tent collapsed was "I've got to hold onto my baby" and they held the baby tightly to their chest and protected it with their own body. Hence, the baby was well protected and is entirely injury free. The baby is all cleaned up, but is naked (as it was in the middle of having it's diaper changed after all) and will need to be properly carried from the parent, assessed, wrapped to prevent sunburn / heat loss and hopefully shielded from the blowing sand.

The parent - The parent, in order to protect the baby from harm, sustained all the injuries. The abrasions are the result of rubbing against the heavy tent material as it collapsed and the fracture from a falling support beam in the tent. The "safety" pin was meant for the diaper but the parent accidentally stuck themselves as the tent collapsed on them. Fortunately, there were no head injuries to either baby or parent and all findings will reinforce this.

Hopefully, this problem will incorporate both a technical and patient care challenge for the team. They will have to be creative and efficient in utilizing their waiting time for the tent to be removed only to then be faced with two potential casualties, one of which is a baby !

Thank you for your help today and your assistance in making this scenario a success is greatly appreciated !

SPECIFIC TEAM PROMPTS AND CUES BY JUDGES:

TIME CUES:

A ***two minute warning*** will be given - this will signify that the workmen have freed up the tent and will prompt the judges to remove the sheet/blanket that is simulating the tent.

A ***five minute warning*** will be given - this will signify the end of scoring points in the ESM / Primary Survey part of the score sheet.

A ***two minute remaining*** cue will be given to indicate that two minutes of working time remain

A ***problem complete cue will be given at 20 minutes*** from the start of the problem. No additional time is to be allowed for any reason (ie. PCR, etc) except for the judges to receive a verbal report from the team.

VERBAL CUES:

In the attempt to insure that all sites get as close as possible to the same information, all judges should convey only the following items.

Workmen:

In the first two minutes one of the judges will play the role of "workmen" and will make motions like you and your colleague are trying to free up the tent. You are busy working and don't acknowledge the casualty's cries for help.

You have the following information (only if asked):

You did not see who went in the tent.

You don't know how long they have been there.

You will not go to call help ("my job is to get this tent off of them") – *until the tent is removed !!!*

You do not have a radio.

You do know the location and address of the park.

You think it will take "a couple of minutes only" to get rid of the tent

You will not allow the team to help with tent removal

"we will get it off faster if you leave it to the two of us, we have done this before and there are few tricks to get it off safely"

You will not allow the team to touch the casualty through the tent

"you can't be touching that or we wont be able to get the tent off"

Parent Casualty:

At start of problem will be yelling "Help Me, Help me over here"

If asked where you are hurt you will be slightly evasive until the sheets come off

"I have pain but I can't see in here where I'm hurt"

If asked where your pain is, before the sheet is removed, you will pause briefly and then state "I've got pain just about everywhere, my arm, my hands, Please get me out of here !"

You will not deliberately reveal that you have a baby in the tent unless you are specifically asked about a baby. If asked how many people are inside you will respond "Just the two of us"

Will be attempting to console baby "Its okay baby, everything is all right" once the sheet comes off.

Is alert and oriented and can give all personal and medical ID details for self and baby if asked

Will give history of event and mechanisms of injury if asked

Once the blanket is off, you will be reluctant to give over your baby and will not do so until the team reassures you or indicates that they are going to check it over. You will warn them "Please be careful with my baby"

Baby:

It is an infant of 3 months of age

It will be crying once the sheet comes off

It will stop crying once swaddled in a blanket or otherwise wrapped

CASUALTY SIMULATION INFORMATION

PROPS:

- Blanket / sheet - 1-2 per team to be used to simulate the collapsed tent
Should be large enough to cover the seated casualty
- Large Doll - 1 per team to be used to simulate the baby
- Safety Pin -1 per parent casualty
- Casualty - 1 per team either male / female and preferably wearing shorts or rolled up pants

INJURIES:

- Baby - none, made naked if possible
- Parent - Palm of Left hand - embedded object (safety pin) that patient stuck self with when changing diaper and tent collapsed

Top of Right hand - abrasions (5cm x 5cm), no dirt, not bleeding; from contact with the canvas tent material

Right Humerus - closed fracture with swelling and discolouration about the middle of the humerus; was hit by a support pole of the tent

Forehead - slightly moist, not pale

POSITIONING:

Parent is seated with both legs outstretched. The "tent" (ie. blanket/sheets) is draped over them so as only their left leg is visible.

Under the blanket they are holding the baby with the baby's head on their right arm.

Simulators may also refer to the Diagram of Problem Scene in the Judge's package.

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Judges: Please check the patient simulation and positioning for accuracy

A = Action Required S = Statement Required A/S = Action or Statement Required

() = Further Information

E.S.M

(IMMEDIATE ACTION)

These first marks awarded within the first (2) two minutes only. There will be a two (2) minute signal at which time the judges will remove the blanket / sheet.

		Y	N
001	Did the team specifically ask the casualty how many people are in the tent (2)	S 10	0
002	team explained to casualty what was happening re: tent removal	S 10	0
003	team reassured casualty that help would be available once the tent was off	S 10	0
004	Did team assess the area for hazards initially (none)	A/S 10	0
005	Did team perform secondary assessment of the exposed leg (no injuries)	A 20	0

To be completed in five (5) minutes, no further marks awarded in this section after 5 minute signal

006	Did the team take charge of the scene once the tent was removed	A/S 10	0
007	Did the team reassess the scene for hazards once the tent was removed (none)	A/S 10	0
008	Did the team tell the parent not to move	S 10	0
009	Did the team identify both of themselves and offer to help	A/S 10	0
010	Did the team wear protective gloves	A 10	0
011	Did the team obtain consent from the parent to assess and treat the parent	A 5	0
012	Did the team obtain consent from the parent to assess and treat the baby	A 5	0
013	Did the team question the parent about mechanism of injury	S 10	0
014	Did the team send the workmen to call for help after they removed the tent (No cell phone will work- No service up here! ,)	A/S 10	0

PRIMARY SURVEY

To be completed in the first five (5) minutes, no further marks in this section after the 5 minute signal

015	Parent: Did the team assess the airway of the parent (clear, protected)	A/S 10	0
016	Parent: Did the team check for effective breathing (anxious, but effective)	A 10	0
017	Parent: Did the team check circulation (pt alert, orientated, pulses present)	A 10	0
018	Baby: Did the team assess the airway of the baby (clear, protected)	A 10	0
019	Baby: Did team check for effective breathing (baby starts crying as team checks)	A 10	0
020	Baby: Did the team check circulation (strong cry, moving all four limbs)	A 10	0

VITAL SIGNS (1st Set):

		Y	N
021	Parent: Level of Consciousness (Alert)	A	5 0
022	Parent: Temperature and Condition (slightly pale, warm, moist)	A	5 0
023	Parent: Pulse * award only if used uninjured arm/carotid (100,strong,regular)	A	5 0
024	Parent: Respirations (24, shallow, regular)	A	5 0
025	Baby: Level of Consciousness (Alert)	A	5 0
026	Baby: Temperature and Condition (pink, warm, dry)	A	5 0
027	Baby: Pulse apical via stethoscope or brachial pulse (140, strong, regular)	A	5 0
028	Baby: Respirations (40, deep, regular)	A	5 0

SECONDARY ASSESSMENT:**Baby:**

029	Did team take baby out of parent's arms for assessment (baby will cry)	A	5 0
030	Did team hold baby being sure to adequately support the head and neck	A	5 0
031	Did team try to calm baby with rocking, toy or speaking prior to assessment (baby will settle if comforted, otherwise will cry during assessment)	A	5 0
032	Check baby's skull (unremarkable, normal baby "soft spots")	A	5 0
033	Check baby's face (no injury, tears from crying)	A	5 0
034	Check baby's chest (bare, no bruising, moves symmetrically - uninjured)	A	5 0
035	Check baby's abdomen (bare, no bruising, soft non-tender, - uninjured)	A	5 0
036	Check baby's arms (bare, no bruising, moving spontaneously, - uninjured)	A	5 0
037	Check baby's legs (bare, no bruising, moving spontaneously - uninjured)	A	5 0
038	Did team ask parent about Baby's allergies (amoxicillin)	A	5 0
039	Did team ask parent about Baby's medications (none)	A	5 0
040	Did team ask parent about Baby's medical history (ear infection in past)	A	5 0
041	Did team ask parent about Baby's last meal (full bottle about 1 hour ago)	A	5 0
042	Did team update parent about results of assessment on baby	S	5 0
043	Did team reassure parent about results of assessment of baby	S	5 0

SECONDARY ASSESSMENT:**Parent:**

		Y	N
044	Skull (no injury)	A	5 0
045	Face (no injury - not pale, slightly moist)	A	5 0
046	Eyes (pupils equal - reactive)	A	5 0
047	Ears (no blood / fluid)	A	5 0
048	Nose (no blood / fluid)	A	5 0
049	Mouth (clear)	A	5 0
050	Neck (no pain, no injury)	A	5 0
051	Shoulder blades (no injury)	A	5 0
052	Collarbones (no injury)	A	5 0
053	Chest (equal expansion, deep breath without pain, no injury)	A	5 0
054	Abdomen (soft, not tender, no injury)	A	5 0
055	Pelvis (stable, no injury)	A	5 0
056	Right arm (swelling discolouration, tenderness at middle of upper arm)	A	5 0
057	Right hand (abrasion, not bleeding, not soiled)	A	5 0
058	Left arm (no injury)	A	5 0
059	Left hand (safety pin embedded deep into tissue of palm, dried blood only)	A	5 0
060	Right leg (no injury)	A	5 0
	<i>Note: * Lt leg not included here - to be assessed while waiting for tent removal</i>		
061	Back (no injury)	A	5 0

		Y	N
TREATMENT: (Baby)			
062	Did team apply an improvised diaper to baby (parent lost diaper in commotion)	A	10 0
063	Did team wrap the baby in a way to prevent heat loss from the wind	A	10 0
064	Did team wrap baby in a way to shield the baby's face from blowing sand	A	10 0
065	Was the baby properly carried, supported and safely handled during treatment	A	10 0
066	Was the baby monitored while being handled and not left unattended	A	10 0
VITAL SIGNS ASSESSMENT - 2nd Set (Baby):			
067	Baby: Level of Consciousness (Alert)	A	5 0
068	Baby: Temperature / Condition (pink, warm, dry)	A	5 0
069	Baby: Pulse apical via stethoscope or brachial pulse (130, strong, regular)	A	5 0
070	Baby: Respirations (30, deep, regular)	A	5 0
CONTINUING CARE: (Baby)			
071	Did team reassure the parent about the baby following any treatment rendered	S	10 0
072	Did team monitor baby at least once following treatment	A	10 0
073	Did team properly remove of gloves at the conclusion of treatment of baby	A	10 0
DOCUMENTATION: (Baby)			
074	Was date and time of incident recorded		5 0
075	Was patient name and address recorded		5 0
076	Did team members sign the PCR		5 0
077	Did team member record an accurate history of events		5 0
078	Did team record an accurate result of assessment (history of an ear infection)		5 0
079	Did team record an accurate account of treatment provided		5 0
080	Did team record baby's medications (none)		5 0
081	Did team record baby's allergies (amoxicillin)		5 0
082	Were vital signs time and results recorded accurately - 1st set		5 0
083	Were vital signs time and results recorded completely - 1st set		5 0
084	Were vital signs time and results recorded accurately - 2 nd set		5 0
085	Were vital signs time and results recorded completely - 2 nd set		5 0
Judge: At end of problem allow team one minute to give a report about the baby			
086	Can the team give an accurate report to ambulance personnel (Must include all of: name, age, event history, assessment results, treatment, medications, allergies)		10 0

TREATMENT: (Parent)		Y	N
087	Abrasion: Did team cleanse the affected areas with suitable product	A	5 0
088	Abrasion: Did team cleanse from inside of the abrasion to the outside	A	5 0
089	Abrasion: Did the team dress the abrasion with sterile material	A	5 0
090	Abrasion: Did the team use a technique that did not contaminate the abrasion	A	5 0
091	Pin: Did the team tent a dressing over the embedded safety pin	A	10 0
092	Pin: Did the team apply appropriate support around the safety pin	A	10 0
093	Pin: Did the team secure the appropriate support and dressing	A	10 0
094	Pin: Did the team keep the hand elevated or at least level	A	10 0
095	Humerus: Did the team apply an arm sling to the right arm	A	10 0
096	Humerus: Did the team apply a broad bandage above the fracture site	A	10 0
097	Humerus: Did the team apply a broad bandage below the fracture site	A	10 0
098	Humerus: Did the team apply padding under the elbow to position the arm in the position of greatest comfort	A	10 0
099	Humerus: Did team check the circulation of Rt hand before & after treatment	A	10 0
100	General: Did the team apply a blanket or sheet for warmth / shock	A	10 0

VITAL SIGNS ASSESSMENT - 2nd Set (Parent):

101	Parent: Level of Consciousness (Alert)	A	5 0
102	Parent: Temperature / Condition (pink, warm, moist)	A	5 0
103	Parent: Pulse * award only if used uninjured arm/carotid (80, strong, regular)	A	5 0
104	Parent: Respirations (16, deep, regular)	A	5 0

CONTINUING CARE: (Parent)

105	Did team reassure the parent about the parent following their treatment	S	10 0
106	Did team monitor parent at least once following treatment	A	10 0
107	Did team properly remove of gloves at the conclusion of treatment of the parent	A	10 0

DOCUMENTATION: (Parent)		Y	N
108	Was date and time of incident recorded	5	0
109	Was patient name and address recorded	5	0
110	Did team members sign the PCR	5	0
111	Did team member record an accurate history of events	5	0
112	Did team record an accurate result of assessment (must include all 3 injuries)	5	0
113	Did team record accurate account of treatment provided for the abrasions	5	0
114	Did team record accurate account of treatment provided for the embedded pin	5	0
115	Did team record accurate account of treatment provided for the humerus	5	0
116	Did team record accurate account of treatment provided for the shock/warmth	5	0
117	Did team record parent's medications (none)	5	0
118	Did team record parent's allergies (none)	5	0
119	Were vital signs time and results recorded accurately - 1st set	5	0
120	Were vital signs time and results recorded completely - 1st set	5	0
121	Were vital signs time and results recorded accurately - 2 nd set	5	0
122	Were vital signs time and results recorded completely - 2 nd set	5	0
<i>Judge: At end of problem allow team one minute to give a report about the parent</i>			
123	Can the team give an accurate report to ambulance personnel (Must include all of: name, age, event history, assessment results, treatment, medications, allergies)	10	0