

Task: Authors: Judges: Actors:

**Chair** Adriana Povinská (SK), Christoph Redelsteiner (A), Viliam Dobiáš (SK) Viliam Dobiáš (SK), Jorge Morales (E) Lukáš Bušek (CZ)

EUSEM

EUSEM 2023 Paramedics Cup

Maximum time limit to perform task: 12 minutes

# Assignment for competing team:

EMS Dispatch Center has received a call on emergency line and is sending you to event: Congress centre, congress attendee tripped over chair, lying on floor, not moving, unconscious but breathing. EMS was called by a congress center employee.

# Your tasks (must be provided in maximum time limit to perform task):

- Assess scene and correct work management on site.
- Examine and treat patient(s).
- Define working and differential diagnoses, administer therapy.
- If hospitalization is needed, define direction.
- Inform the judge of any further steps.

# Scene conditions:

 Date:
 September 18, 2023
 Time:
 01:30pm
 Outside temperature °C/°F°:
 24/75
 Weather:
 clear sky, no wind

 Call to address time:
 5
 minutes
 All requests and information to or from EMS Dispatch must be addressed to judge marked DISPATCH.

**On-Scene Situation:** 

A congress attendee, teacher, lying on the floor, he seems to be sleepy, slurred speech, small laceration on his forehead. Teacher's head is supported by his jacket by a congress centre employee who has called the EMS, his bag is lying nearby. Alcohol odour present. After searching, crew can find in the pocket/bag insulin and a bottle of liquid, after opening alcohol can be recognized.

# Correct procedure:

If crew proceed properly (give glucose, find insulin and alcohol), teacher regains full consciousness. Within diagnosis (medical report) suspicion of possible chronic problem with alcohol. He visited his primary care physician 14 days ago with sinusitis, is still on antibiotics, and suffers from diabetes.

If the crew doesn't find medications or alcohol, the patient will not talk about them.

#### Physical examination:

Teacher is sleepy, pupil isocoric, slowed reaction to light, breathing freely, clean, periphery pulse palpable well, pale skin, sweating, small abrasions on forehead, no other injuries.

#### Vital functions:

|                            | After arrival | During task |
|----------------------------|---------------|-------------|
| BP (mm Hg)                 | 140/90        | -           |
| Breathing (min)            | 18            | -           |
| CRT (s)                    | 2             |             |
| ECG                        | Sinus         | -           |
| GCS                        | E3 V3 M5 = 11 | -           |
| Glycaemia (mmol/l / mg/dl) | 1,9/34        | -           |
| HR (min)                   | 110           | -           |
| SpO2 (%)                   | 96            | -           |
| Temperature (°C/°F)        | 36,6/98       | -           |

# Key words:

Hypoglycaemia, alcohol.

|   | Team scoring   | 1  | 2   | 3  | 4   | 5  | Max. points<br>(w/o time)<br>1 400 | Correct decisions<br>and performance   |
|---|--|--|---|--|---|--|------------------------------------|--|
| 1 | Orientation at the site, organization of activities                                  | Evaluation of situation on site                              | Obtain the<br>patient's history<br>from the<br>employee                         | Finding<br>insulin   | Finding<br>alcohol                                      |  | 140                                | Orientation at the scene, get<br>information from congress centre<br>employee, find medication and alcohol<br>in jacket and bag.   |
|   |  | 20   | 20  | 60   | 40  |  |                                    |  |
| 2 | Primary examination  | LOC, breathing,<br>BP, HR, SpO2,<br>5 x 30                   | Glycaemia   | the head<br>(sight, palpation)                                     | Palpation chest,<br>abdomen, pelvis,<br>limbs<br>4 x 30 | GCS, pupils<br>2 x 30                                      | 420                                | Complete examination includes: LOC<br>(level of consciousness), auscultation,<br>BP, pulse, SpO2, glycaemia, physical<br>examination of the head, chest,<br>abdomen, pelvis, extremities, GCS and<br>pupils.   |
|   |  | 150  | 60  | 30   | 120   | 60   |                                    |  |
| 3 | Therapy  | Glucose 40%<br>60 - 120 ml IV                                | Glucagon<br>1 dose IM   | Laceration injury<br>on forehead                                   |   |  | 230                                | Glucose 40% IV, 60 - 120 ml (after 60<br>ml regains full consciousness),<br>eventually Glucagon one dose.<br>Treating a wound on his forehead.   |
|   |  | 200  | 100   | 30   |   |  |                                    |  |
| 4 | Patient history,<br>secondary examination<br>(after return to full<br>consciousness) | Personal, drug,<br>allergies and<br>abuses history<br>4 x 30 | LOC:<br>site, time,<br>personality<br>3 x 30                                    | Neurological<br>examination -<br>FAST                              |   |  | 270                                | Patient history including permanent<br>treatment, allergic history, ingestion of<br>alcohol, drugs, detect diabetes treated<br>with insulin.<br>Final examination, check for full<br>consciousness.  |
|   |  | 120  | 90  | 60   |   |  |                                    |  |
| 5 | Working diagnosis,<br>direction  | Hypoglycaemia<br>within DM                                   | Alcohol<br>intoxication   | Laceration<br>wound on<br>forehead                                 | Direction:<br>nearest ED                                |  | 190                                | Transport by ground to nearest ED.<br>Serious brain injury is unlikely due to<br>mechanism of injury.  |
|   |  | 100  | 30  | 30   | 30  |  |                                    |  |
| 6 | Team cooperation<br>and communication  | Clear and<br>obvious<br>teamleader                           | Crew<br>communicates<br>as a team and<br>passes<br>information to<br>the leader | Leader receives<br>and responds to<br>information<br>from the crew | Well managed<br>and controlled<br>patient handling      | Team<br>communication<br>with patients<br>and other actors | 50                                 | Crew cooperation as a team, obvious<br>and visible teamleader.<br>Unambiguous and clear<br>communication with judges (no<br>repeated questions about the same -<br>usually vitals), patients and others.<br>Introduce after arrival, informing the<br>patient at every move, lift, touch,<br>examination, procedure, transport and<br>explaining why is this done. |
|   |  | 10   | 10  | 10   | 10  | 10   |                                    |  |
| 7 | Actors - players   | Teacher  | Employee  |  |   |  | 100                                | Subjective evaluation by actors -<br>players (simulated patients, relatives,<br>bystanders, witnesses etc.).   |
|   |  | 90   | 10  |  |   |  |                                    | ,  |



Task: Authors: Judges: Actors:

**Saw** Petr Černohorský (CZ), Francis R. Mencl (USA), Viliam Dobiáš (SK) Katarína Veselá (CZ), Veronika Mohylová (CZ) Jan Maršálek jr. (CZ)



Maximum time limit to perform task: 12 minutes

#### Assignment for competing team:

EMS Dispatch Center has received a call on emergency line and is sending you to event:

A distraught woman called. She found her husband lying under a tree in the garden, where he had gone to prune branches with a saw. She doesn't know what's wrong with him, he's restless, not communicating, maybe breathing, no visible injuries or blood.

Your tasks (must be provided in maximum time limit to perform task):

- Assess scene and correct work management on site.
- Examine and treat patient(s).
- Define working and differential diagnoses, administer therapy.
- If hospitalization is needed, define direction.
- Inform the judge of any further steps.

# Scene conditions:

 Date:
 September 18, 2023
 Time:
 01:30pm
 Outside temperature °C/°F°:
 24/75
 Weather:
 clear sky, no wind

 Call to address time:
 8
 minutes

All requests and information to or from EMS Dispatch must be addressed to judge marked DISPATCH.

## **On-Scene Situation:**

Middle-aged man lying under a tree, beside him a saw and a branch. Soporous, cyanotic, stertorous breathing, more less gasping, cold periphery, sweaty, peripheric pulse filiform, badly palpable, without reaction to voice, tachycardic, without injury, isocoric pupils, evident edema of neck and face (alternatively wasp on the skin of the neck).

#### Physical examination:

Patient GCS 6 (no opening eyes - 1, no response to voice - 1, non-targeted response to pain - 4).

Extreme edema of neck and face, visible stings, cyanotic, extreme sweating. Neurological examination without lateralization, without injury at chest, abdomen and limbs. No breath sounds by auscultation, percussion normal findings, retraction during inspirium, abdomen normal findings, lower limbs without edemas. Homans negative.

Rescue breaths by mask impossible. ETI, laryngeal cannula and combitube impossible to introduce.

## Patient history (from wife):

Personal dataJan Marsalek, born on 07.02.1983, European Health Insurance Card VZP (111).Medical historyHusband doesn't smoke, doesn't drink, doesn't take drugs, doesn't have any illness.MedicationsNegativeAllergiesNegativeFamily medical historyNegative

| Vital functions:           | After arrival            | During task |
|----------------------------|--------------------------|-------------|
| BP (mm Hg)                 | 60 systolic by palpation | -           |
| Breathing (min)            | 5 (gasping)              | -           |
| CRT (s)                    | 3                        |             |
| ECG                        | Sinus tachycardia        | -           |
| GCS                        | E1 V1 M4 = 6             | -           |
| Glycaemia (mmol/l / mg/dl) | 6,6/119                  | -           |
| HR (min)                   | 130                      | -           |
| SpO2 (%)                   | 55                       | -           |
| Temperature (°C/°F)        | 36,6/98                  | -           |

# Key words:

Emergency treatment in prehospital settings, assessment of the situation, urgent treatment, diagnosis of anaphylactic reaction to bee stings, emergency coniopunction or coniotomy on model, correct treatment.

|   |   |   |   |   |   |  | Max. points |  |
|---|---|---|---|---|---|--|-------------|--|
|   | Team scoring  | 1   | 2   | 3   | 4   | 5  | (w/o time)  | Correct decisions  |
|   |   |   |   |   |   |  | 1 400       | and performance  |
| 1 | Orientation at the site, organization of activities | Evaluation of situation on site                   | Obtain the<br>patient's history<br>from the wife                                | Basic<br>examination to<br>exclude trauma   | Neck edema<br>examination   | Stinger (insect)<br>finding                                | 130         | Evaluation of situation on site, trauma<br>exclusion, neck edema examination<br>and stinger (insect) finding.  |
|   |   | 20  | 20  | 30  | 30  | 30   |             |  |
| 2 | Physical examination,<br>diagnosis                  | 1) SpO2<br>2) Monitor<br>3) BP<br>3 x 30          | 1) Primary<br>examination<br>2) O2 by mask<br>2 x 30                            | Systematic and<br>correct physical<br>examination:<br>head, neck,<br>chest, abdomen,<br>limbs<br>5 x 30 | Diagnosis   |  | 400         | Complete and correct physical<br>examination.<br>Working diagnosis: anaphylactic shock<br>with airway obstruction.   |
|   |   | 90  | 60  | 150   | 100   |  |             |  |
| 3 | Airway management                                   | Invasive airway<br>management up<br>to 3rd minute | Invasive airway<br>management up<br>to 4th minute                               | Invasive airway<br>management up<br>to 6th minute   | Invasive airway<br>management up<br>to 8th minute                 | Over 8 minutes   | 300         | Etiology of suffocation, impossibility to<br>introduce any cannula by mouth,<br>invasive coniotomy or punction up to<br>3rd minute from the start of the task.<br>Paramedic crews: online consultation<br>is not a task, life-saving procedure<br>have to be done immediately.   |
|   |   | 300   | 200   | 100   | 50  | 0  |             |  |
| 4 | Therapy, direction                                  | 2 x IV line<br>+<br>crystaloids<br>30 + 30 + 30   | Coniopunction<br>+<br>ventilation<br>2 x 100                                    | Alternative<br>coniopunction<br>by cannulas   | Epinephrine<br>(Adrenalin)<br>up to 3 x 0,1 mg<br>IV or 0,5 mg IM | Direction:<br>nearest ED                                   | 420         | Practical execution of coniotomy,<br>minimal 2 x IV access, 1.000 ml<br>crystaloids, artificial ventilation,<br>epinephrine (Adrenalin) IV or IM.<br>Transport by ground to nearest ED.  |
|   |   | 90  | 200   | 100   | 100   | 30   |             |  |
| 5 | Team cooperation<br>and communication               | Clear and<br>obvious<br>teamleader                | Crew<br>communicates<br>as a team and<br>passes<br>information to<br>the leader | Leader receives<br>and responds to<br>information<br>from the crew                                      | Well managed<br>and controlled<br>patient handling                | Team<br>communication<br>with patients<br>and other actors | 50          | Crew cooperation as a team, obvious<br>and visible teamleader.<br>Unambiguous and clear<br>communication with judges (no<br>repeated questions about the same -<br>usually vitals), patients and others.<br>Introduce after arrival, informing the<br>patient at every move, lift, touch,<br>examination, procedure, transport and<br>explaining why is this done. |
|   |   | 10  | 10  | 10  | 10  | 10   |             |  |
| 6 | Actors - players                                    | Patient   | Wife  |   |   |  | 100         | Subjective evaluation by actors -<br>players (simulated patients, relatives,<br>bystanders, witnesses etc.).   |
|   |   | 80  | 20  |   |   |  |             | ,  |



Qakino Kateřina Ningerová (CZ), Viliam Dobiáš (SK) Katarína Veselá (CZ), Veronika Mohylová (CZ) Lukáš Bušek (CZ), Jan Maršálek jr. (CZ)



Maximum time limit to perform task: 12 minutes

#### Assignment for competing team:

EMS Dispatch Center has received a call on emergency line and is sending you to event: Mr. Karel Alberto is calling EMS to the flat of his friend Mr. Roman Quakino, who has just experienced weakness and confusion during Karel's visit.

#### Your tasks (must be provided in maximum time limit to perform task):

- Assess scene and correct work management on site.
- Examine and treat patient(s).
- Define working and differential diagnoses, administer therapy.
- If hospitalization is needed, define direction and prepare patient for transport.
- Inform the judge of any further steps.

## Scene conditions:

 Date:
 September 18, 2023
 Time:
 01:30pm
 Outside temperature °C/\*F°:
 24/75
 Weather:
 clear sky, no wind

 Call to address time:
 5
 minutes

All requests and information to or from EMS Dispatch must be addressed to judge marked DISPATCH.

#### **On-Scene Situation:**

The patient is sitting at the table, spontaneously breathing, fully conscious, with partial verbal perception. He does not speak, but understands and responds with a nod to simple questions, cooperates, complies with prompts.

#### Correct procedure (see table for details):

It is necessary to obtain full medical history (high blood pressure, ischaemic heart disease, MI, stroke, diabetes, operations/surgery, cancer), medicines taken (there is a paper in his wallet with a list of written medication) and allergies.

It is important to take a telephone number of his friend Karel, who witnessed his health problem and also of his relatives (in his wallet is a note with names Kacenka, Jenik). Ask about pain, palpitations, shortness of breath, nausea/vomitus, fever.

#### Clinical status upon arrival:

Regular, palpable pulse on a. radialis, regular heart rate, no murmurs. Breathing clear, symetrical, alveolar, no pathological phenomenons. Abdomen soft, painless, freely paipable. Lower limbs without edemas and signs of inflammation.

Neurological examination (FAST): Expressive aphasia (he can not talk but he understands, can nod yes-no responses nonverbally). Iisocoric pupils 2/2 mm constricting to light, ocular movements are normal, decreased teeth showing on the right side, tongue is put out in medial line, no tenderness and normal movements of cervical spine.

Upper extremities: Mingazzini test: Slow fall on the right side, weak R hand squeeze, hit test normal.

Lower extremities: Mingazzini test without fall, wide stance, requires assistance to walk, but no signs of paralysis. There is right hemisensory loss and no signs of meningeal irritation. **CONCLUSION:** Fully conscious patient with normal circulation.

FAST: Expressive aphasia, right faciobrachial hemiparesis with right hemisensory loss.

#### Patient history: Roman Oakino, born on 17.09.1967, address: Jilkova 219, Brno, CZ, European Health Insurance Card VZP (111). Personal data He denies smoking or illicit drug abuse, suffers from high blood pressure, no history of heart disease, no history of stroke, no cancer treatment, he had an Medical history inguinal hernia surgery in 2009. Betaloc ZOK 50 - metoprolol, Prestance 5/5 - amlodipine and perindopril, Sortis 40 - atorvastatin, Pantoprazol 40, Furosemid (a note in his wallet with a list Medications of medications). If questioned, he denies taking Furosemide nowadays. lodine - patient had an intravenous urography and had a problem (it is necessary to think about principles of emergency imaging and focus the question to Allergies IV contrast agent). He suddenly started with confusion - words in improper relation, a strange, uncertain walk to toilet, he says nonsenses. He had drunk a pint of beer during Recent health problem 2 hours of his friend's visit, he does not drink beer regularly. This happened about 30 minutes before EMS crew arrival. If asked (goal directed) he confirms chest pain and palpitations. Family medical history Not available Vital functions: After arrival During task 3 min after start of monitoring BP (mm Hg) 170/90 132/91 Breathing (min) 13 16

| CRT (s)                    | 1 (what you see)            | 1 (what you see)   |
|----------------------------|-----------------------------|--|
| ECG                        | Sinus                       | Atrial fibrillation with fast (rapid) ventricular response |
| GCS                        | E4 V5 M6 = 15/E4 V4 M6 = 14 | E4 V5 M6 = 15/E4 V4 M6 = 14                                |
| Glycaemia (mmol/l / mg/dl) | 6,7/121                     | 6,7/121  |
| HR (min)                   | 80                          | approx. 103 (irregular)                                    |
| SpO2 (%)                   | 97                          | 95   |
| Temperature (°C/°F)        | 36,6/98                     | 36,6/98  |
|                            |                             |  |

## Key words:

Patient history, stroke management, communication with stroke or cerebrovascular treatment center, rapid and appropriate transport.

|   | Team scoring                          | 1   | 2   | 3  | 4   | 5   | 6   | Max. points<br>(w/o time)<br>1 400 | Correct decisions<br>and performance  |
|---|---------------------------------------|---|---|--|---|---|---|------------------------------------|---|
| 1 | Patient history                       | Medical history:<br>1) High BP<br>2) IHD<br>3) MI<br>4) Stroke<br>5) Diabetes<br>6) Cancer<br>7) Operations<br>8) Head trauma<br>8 x 20                   | Abuse:<br>1) Alcohol<br>2) Smoking<br>3) Illegal drugs<br>3 x 20  | Allergy<br>to iodine   | A slip of paper<br>with<br>medications and<br>allergies found<br>and checked:<br>1) Medication<br>2) Recheck<br>informations<br>3) Relatives<br>phone numbers<br>3 x 30 | Get contact info<br>from a friend<br>Karel<br>(min. last name<br>and cell phone)  | Obtain the exact<br>time of onset of<br>the patient's<br>current<br>difficulties<br>(30 minutes<br>prior to EMS<br>arrival) | 460                                | Taking a patient's history at least to the extent specified above.  |
|   |                                       | 160   | 60  | 60   | 90  | 30  | 60  |                                    |   |
| 2 | Examination, therapy                  | Neurological<br>Assessment<br>(FAST):<br>1) Right facial<br>nerve paralysis<br>2) Right upper<br>arm paresis<br>3) Right<br>hemisensory<br>loss<br>3 x 20 | 1) BP<br>2) HR<br>3) SpO2<br>4) Glycaemia<br>5) Temperature<br>5 x 10   | Focused<br>questions about:<br>1) Chestpain<br>2) Palpitation<br>3) Headache<br>3 x 20   | ECG sinus   | <ol> <li>Tachycardia<br/>recognizing</li> <li>Paroxysmal</li> <li>AF identification</li> <li>IV access</li> <li>X 20</li> </ol> | Nauzea and<br>vomitus<br>questions<br>2 x 20  | 330                                | ECG monitoring during transport is<br>necessary to detect and document AF<br>paroxysm - it is often the embolus<br>from the left atrium that causes the<br>stroke. AF paroxysm can be recorded<br>in field if ECG monitor left on 3<br>minutes after connection.<br>IV access - green or wider cannula is<br>best to be ready for angiography.  |
|   |                                       | 60  | 50  | 60   | 60  | 60  | 40  |                                    |   |
| 3 | Direction, diagnosis                  | Direction:<br>1) Stroke or<br>cerebrovascular<br>treatment<br>center<br>(SC)<br>2) After prior<br>consultation<br>30 + 20                                 | Contact SC:<br>By recorded call<br>through EMS<br>dispatch center<br>50<br>Call directly<br>from your phone<br>25 | <ol> <li>Expressive<br/>aphasia</li> <li>Mild right<br/>faciobrachial<br/>hemiparesis</li> <li>Right<br/>hemisensory<br/>loss</li> <li>x 30</li> </ol> | Highlight iodine<br>allergy<br>information<br>when speaking<br>with SC<br>40  | Highlight AF<br>paroxysm<br>information<br>when speaking<br>with SC<br>40   | Correct GCS:<br>E4 V5 M6 = 15<br>or<br>E4 V4 M6 = 14  | 310                                | Adequate and correct description of<br>stroke symptoms (triage positive)<br>when speaking to SC physician. It is<br>necessary to consult neurologist to<br>confirm triage positivity and to agree<br>with admission and to tell him all<br>important informations, especially<br>possible IV contrast allergy<br>(angiography is still possible but special<br>caution is needed). The information<br>about allergy would not be possible to<br>check again in the hospital due to<br>neurological worsening to global<br>aphasia.<br>GCS - to be aware what is checked<br>(verbal response can be checked<br>nonverbally and should be 4 or 5).<br>GCS should be told to the neurologist<br>on call or he will ask the EMS crew<br>about it. |
| 4 | Preparation<br>for transport          | Patient must be<br>ready for<br>transport with:<br>established ECG<br>monitoring<br>30  | Patient must be<br>ready for<br>transport with:<br>adequate IV<br>access<br>20                                    |  |   |   |   | 50                                 | Stroke Triage Positive patient suffers<br>from at least one primary symptom or<br>at least two secondary symptoms of<br>acute stroke within 24 hours (clinical<br>view), including completely improved<br>symptoms - transitory ischaemia ('time<br>view').<br>ECG to be monitored during transport -<br>see above).  |
| - |                                       | 30  | 20<br>Atrial fibrillation   |  |   |   |   |                                    |   |
| 5 | Diagnostic and therapeutic reasoning  | Stroke  | (AF) or narrow<br>QRS complex<br>tachycardia<br>50  |  |   |   |   | 100                                | Making the right diagnosis and<br>treatment decisions.<br>5/2: For paramedic crews.   |
| 6 | Team cooperation<br>and communication | Clear and<br>obvious<br>teamleader<br>10  | Crew<br>communicates<br>as a team and<br>passes<br>information to<br>the leader<br>10                             | Leader receives<br>and responds to<br>information<br>from the crew<br>10   | Well managed<br>and controlled<br>patient handling<br>10  | Team<br>communication<br>with patients<br>and other actors<br>10  |   | 50                                 | Crew cooperation as a team, obvious<br>and visible teamleader.<br>Unambiguous and clear<br>communication with judges (no<br>repeated questions about the same -<br>usually vitals), patients and others.<br>Introduce after arrival, informing the<br>patient at every move, lift, touch,<br>examination, procedure, transport and<br>explaining why is this done.  |
|   |                                       | Patient   | Friend  | 10   | 10  | 10  |   |                                    | Subjective evaluation by actors   |
| 7 | Actors - players                      | Patient<br>Roman Qakino<br>70   | Friend<br>Karel Albert<br>30  |  |   |   |   | 100                                | Subjective evaluation by actors -<br>players (simulated patients, relatives,<br>bystanders, witnesses etc.).  |
| L | 1                                     | 70  | 30  |  |   |   |   | 1                                  | l   |



Task: Authors: Judges:

**Trip** Ilja Chocholouš (CZ), Viliam Dobiáš (SK) Viliam Dobiáš (SK), Jorge Morales (E)



Maximum time limit to perform task: 12 minutes

# Assignment for competing team:

EMS Dispatch Center has received a call on emergency line and is sending you to event: **Bus accident near the metro station, one EMS unit is already on the scene.** 

# Your tasks (must be provided in maximum time limit to perform task):

Assess situation at scene and choose correct work procedure in accordance with the instructions of MCI commander.

Inform the judge of any further steps.

# Scene conditions:

 Date:
 September 19, 2023
 Time:
 01:30pm
 Outside temperature °C/°F°:
 24/75
 Weather:
 clear sky, no wind

 Call to address time:
 8
 minutes
 All requests and information to or from EMS Dispatch must be addressed to judge marked DISPATCH.

#### **On-Scene Situation:**

When the crew arrives at the scene, the MCI commander (judge) instructs the crew: "Perform START triage and related activities in the unexplored portion of the site. The site is secure." and begins timing.

### **Practical execution:**

Patients (14 images of injured persons with description of injury and selected clinical parameters needed for triage) are spread around the room and the crew must find and triage them.

# T3 GREEN: At the request of the crew, they "leave" the scene = the judge hands their pictures to the competing crew.

2 minutes before the time limit, the judge asks the crew to report the status of the triage (number of injured, classification, patients summary). The task is to triage using the triage tags and at least the patients summary.

# Key words:

START, triage tag, patients summary.

|     | Team scoring  | 1                                     | 2                          | 3                         | 4   | 5  | Max. points<br>(w/o time)<br>1 950 | Correct decisions  |
|-----|---------------|---------------------------------------|----------------------------|---------------------------|---|--|------------------------------------|--|
| 1   | Triage        | Find all those<br>affected<br>14 x 20 | Use triage tags<br>14 x 10 | Correct triage<br>14 x 90 | Recording triage<br>in an overall<br>overview | Correct<br>interpretation of<br>triage results to<br>MCI Commander | 1 950                              | Correct triage, use of triage tags +<br>keeping an overall sorting overview.<br>1/4: Some "paper" on which to keep a<br>triage summary, ideally a patient<br>summary.<br>1/5: At least the number of affected<br>persons and their classification. |
|     |               | 280                                   | 140                        | 1260                      | 130   | 140  |                                    |  |
| Fou | nd            | Triage<br>tag                         | Correct<br>triage          |                           | Found   |  | Triage<br>tag                      | Correct<br>triage  |
|     | 1 A T2 YELLOV |                                       |                            |                           | 8 0   | T2 YELLOV  |                                    |  |
|     | 2 C T1 RED    |                                       |                            |                           | 9 P   | T2 YELLOV  |                                    |  |
|     | 3 F T2 YELLOV |                                       |                            |                           | 10 S  | T2 YELLOV  |                                    |  |
|     | 4 G T3 GREEN  |                                       |                            |                           | 11 T  | T2 YELLOV  |                                    |  |
|     | 5 I T3 GREEN  |                                       |                            |                           | 12 U  | T4 BLACK   |                                    |  |
|     | 6 K T1 RED    |                                       |                            |                           | 13 X  | T2 YELLOV  |                                    |  |
|     | 7 L T2 YELLOV |                                       |                            |                           | 14 Z  | T1 RED   |                                    |  |