

NEWBORN

Estimated Time: 15 minutes • Debriefing Time: 10 minutes



Scan to Begin



Patient Name: Olivia Brooks & Baby

SCENARIO OVERVIEW

Olivia Brooks is a 22-year-old female who was found in a public restroom at a local college after bystanders heard her yelling for help. She gave birth in the restroom with the help of a bystander.

Level 2 requires a “Scene Size-Up” and a “Primary Survey” based on the National Registry of Emergency Technicians Psychomotor Exam.

LEARNING OBJECTIVES

1. Gather information related to dispatch
2. Perform a “Scene Size-up”
3. Perform a “Primary Survey”
4. Make a Transport Decision

CURRICULUM MAPPING

WTCS EMT-P PROGRAM OUTCOMES

- Prepare for incident response and EMS operations
- Integrate pathophysiological principles and assessment findings to provide appropriate patient care.
- Communicate effectively with others
- Demonstrate professional behavior
- Meet state and national competencies listed for EMT- paramedic certification(s)

SIMULATION LEARNING ENVIRONMENT & SET-UP

PATIENT PROFILE

Patient: Olivia Brooks

DOB: 01/29/XX

Age: 22

Gender: Female

Height: 162.5 cm (5 ft 5 in)

Weight: 70.9 kg (156 lbs)

Patient: Nova Brooks

DOB: Today

Gender: Female

Height: Unknown

Weight: Unknown

EQUIPMENT/SUPPLIES/SETTINGS

Patient

- Street clothes, she is holding her newly born infant
- Bathroom is littered with bloody blankets and towels. There is blood on and around the toilet. Backpacks and books are present as she was at school when this occurred.

Monitor Settings

- none

QR CODES



TEACHING PLAN

PREBRIEF

The facilitator should lead this portion of the simulation. The following steps will guide you through Prebrief.

- Scan the **QR code: “Scan to Begin”** while students are in Prebrief
- “Meet Your Patient” (on iPad) and explain how the iPad works in the simulated learning environment including:
 - Facilitator note: This scenario has been designed to flow without scanning additional QR codes for convenience in the classroom. For added flexibility, you may elect to use the QR codes provided above to design your own scenario flow.
- Discuss the simulation “Learning Objective(s)” (on iPad) as well as any other Prebrief materials

STATE 1

RECEIVE DISPATCH

- Play “Dispatch” (on iPad): “ARISE EMS: You are dispatched for a 22-year-old who is about to give birth in the bathroom at ARISE University. Caller was not with the mom at the time of the 911 call and couldn’t give any other details. He was instructed to try to get mom to a cleaner area, if possible, and to find clean towels or blankets to keep mom, and possibly baby, warm until your arrival.”
- View the “En Route to the scene” message
- Preview the National Registry of EMT Psychomotor Examination form for Medical Assessment
- Possible Facilitator Question
 - What are your plans based on the dispatch you received?

STATE 2

SURVEY THE SCENE & PRIMARY SURVEY/RESUSCITATION

- Overview
 - A video plays of the EMT team meeting the 911 caller in a college hallway, proceeding to the public restroom and meeting the patient and her newly born infant.
- Expected Student Behaviors
 - Play “Scene Survey” video
 - View the “Scene Size-Up” plaque with the following questions:
 - Verbalize how you would perform a “scene size-up”
 - Verbalize appropriate PPE precautions
 - View the reminder plaque stating “Your transport decision must be made within 15 minutes.”
 - View the “Bystander” video
 - Verbalize how you would respond to the bystander
 - View the “Patient” video
 - Verbalize how you would respond to the patient
 - View the “Primary Survey/Resuscitation” plaque with the following questions:
 - Verbalize general impression of the patient
 - Verbalize responsiveness/LOC (AVPU)
 - Verbalize chief complaint/apparent life-threats
 - Assess airway and breathing
 - Verbalize how you would assure adequate ventilation
 - Verbalize how you would initiate appropriate oxygen therapy
 - Assess circulation

- Verbalize how you assess/control major bleeding
- Verbalize how you would assess skin
- Verbalize how you would assess pulse
- Identify priority patients/make a transport decision
- View plaque entitled “Indicate Transport Decision” with instructions to “Indicate you transport decision by tapping the Transport tab.”
 - Tap on the Menu icon in upper left-hand corner of the screen, then the Transport tab to indicate transport decision. See further instructions below under Transport tab.
 - Note: Students may receive a 10-minute warning message indicating, “This is your 10-minute warning, you have 5 minutes left to make your transport decision.” If 15 minutes elapse, they will receive a message that “Your 15-minute timer has ended” and they will be automatically exited from the scenario.
- Tabbed iPad Content

EMERGENCY HOME SCREEN

This is the home screen. In the top left corner is the “menu” icon where the tabs described below can be accessed.

MEDICAL ASSESSMENT FORM



**National Registry of Emergency Medical Technicians®
Emergency Medical Technician Psychomotor Examination**

PATIENT ASSESSMENT/MANAGEMENT – MEDICAL

Candidate: _____ Examiner: _____

Date: _____ Signature: _____

Scenario # _____

Actual Time Started: _____ Possible Points Points Awarded

Takes or verbalizes appropriate PPE precautions	1	
SCENE SIZE-UP		
Determines the scene/situation is safe	1	
Determines the mechanism of injury/nature of illness	1	
Determines the number of patients	1	
Requests additional EMS assistance if necessary	1	
Considers stabilization of the spine	1	
PRIMARY SURVEY/RESUSCITATION		
Verbalizes the general impression of the patient	1	
Determines responsiveness/level of consciousness (AVPU)	1	
Determines chief complaint/apparent life-threats	1	
Assesses airway and breathing		
-Assessment (1 point) -Assures adequate ventilation (1 point) -Initiates appropriate oxygen therapy (1 point)	3	
Assesses circulation		
-Assesses/controls major bleeding (1 point) -Checks pulse (1 point)	3	
-Assesses skin [either skin color, temperature or condition] (1 point)		
Identifies patient priority and makes treatment/transport decision	1	
HISTORY TAKING		
History of the present illness		
-Onset (1 point) -Quality (1 point) -Severity (1 point)		
-Provocation (1 point) -Radiation (1 point) -Time (1 point)	8	
-Clarifying questions of associated signs and symptoms related to OPQRST (2 points)		
Past medical history		
-Allergies (1 point) -Past pertinent history (1 point) -Events leading to present illness (1 point)	5	
-Medications (1 point) -Last oral intake (1 point)		
SECONDARY ASSESSMENT		
Assesses affected body part/system		
-Cardiovascular -Neurological -Integumentary -Reproductive	5	
-Pulmonary -Musculoskeletal -GI/GU -Psychological/Social		
VITAL SIGNS		
-Blood pressure (1 point) -Pulse (1 point) -Respiratory rate and quality (1 point each)	4	
States field impression of patient	1	
Interventions [verbalizes proper interventions/treatment]	1	
REASSESSMENT		
Demonstrates how and when to reassess the patient to determine changes in condition	1	
Provides accurate verbal report to arriving EMS unit	1	
Actual Time Ended: _____	TOTAL	42

CRITICAL CRITERIA

- Failure to initiate or call for transport of the patient within 15 minute time limit
- Failure to take or verbalize appropriate PPE precautions
- Failure to determine scene safety before approaching patient
- Failure to voice and ultimately provide appropriate oxygen therapy
- Failure to assess/provide adequate ventilation
- Failure to find or appropriately manage problems associated with airway, breathing, hemorrhage or shock
- Failure to differentiate patient's need for immediate transportation versus continued assessment or treatment at the scene
- Performs secondary examination before assessing and treating threats to airway, breathing and circulation
- Orders a dangerous or inappropriate intervention
- Failure to provide accurate report to arriving EMS unit
- Failure to manage the patient as a competent EMT
- Exhibits unacceptable affect with patient or other personnel
- Uses or orders a dangerous or inappropriate intervention

You must factually document your rationale for checking any of the above critical items on the reverse side of this form.

PATIENT PROFILE

- Demographic information about both patient is displayed under this tab.

SCENE SURVEY

Tap here to replay the video of the scene.

PATIENT

Tap here to replay the video of the patient.

BYSTANDER

Tap here to replay the video of the bystander.

TRANSPORT

Tap here to indicate transport decision. The following text appears:

- “Have you made your transport decision? Yes/No”
 - If student selects “No”: a 15-minute timer appears with reminder “Your transport decision must be made within 15 minutes.”
 - If student selects “Yes”: Another question appears: “Will you transport?”
 - If student selects “Yes”: Student will see “Prepare to Transport” message followed by a message “Scenario objectives have been met. You may exit the scenario.”
 - If student selects No: Student will see “Communicate your decision to dispatch”

Note: Students have 15 minutes to indicate a Transport decision or they are automatically exited from the scenario. Students will receive a 10-minute warning.

SCANNER

Use this to scan optional QR Codes.

EXIT

If all the objectives have not been met, the iPad reads, “Are you sure you want to exit? All data will be lost?”

- If “No” is selected, the iPad will return to the tabbed content.
- If “Yes” is selected, the iPad will let the student(s) exit and prompt them to complete an embedded 3-5 minute survey.

When the student taps the Exit tab after making their transport decision, the iPad reads, “All scenario objectives have been completed. Would you like to exit the scenario?”

- If “No” is selected, the iPad will return to the tabbed content.
- If “Yes” is selected, the iPad will let the student(s) exit and prompt them to complete an embedded 3-5 minute survey.

DEBRIEF

Nothing needed from the iPad.

QUESTIONS

1. How did you feel this scenario went?
2. Review understanding of scenario learning objectives.
 - a. Was the scene safe? Explain.
 - b. What actions are required when a birth occurs prior to EMS arrival?
 - c. What PPE precautions were appropriate?
 - d. What is the nature of both patient's conditions?
 - e. Did you require additional EMS assistance? Why or why not?
 - f. What did you discover during your Primary Survey?
 - g. What information did you gather while performing History Taking?
 - h. What was your transport decision? Why?
 - i. If you could "do over," would you do anything differently?
3. Summary/Take Away Points:
 - a. "Today you analyzed the scene for a 22-year-old pregnant female has just given birth in a public restroom of a local college. What is one thing you learned from participating in this scenario that you will take with you into your EMS practice?" (Each student must share something different from what the others' share.)

NOTE: Debriefing technique is based on INASCL Standards for Debriefing

SURVEY

Print this page and provide to students.

Students, please complete a brief (2-3 minute) survey regarding your experience with this ARISE simulation. There are two options:

1. Use QR Code: Survey
 - a. Note: You will need to download a QR Code reader/scanner onto your own device (smartphone or tablet). There are multiple free scanner apps available for both Android and Apple devices from the app store.
 - b. This QR Code will not work in the ARIS app.



2. Copy and paste the following survey link into your browser.
 - a. https://ircvtc.co1.qualtrics.com/SE/?SID=SV_6Mwfv98ShBfRnBX

CREDITS

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