

# QUICK SOLUTION GUIDE

STROKE MIMIC BY HYPOGLYCEMIA



SCENARIO

#67

**NAME**

RALPH SANDFORD

**SPECIALTY**

Neurology

**DIFFICULTY LEVEL**

INTERMEDIATE

**SIMULATION ENVIRONMENT**

PRE HOSPITAL - AMBULANCE

# Dialogues

Ask the following questions to the patient:

## History Taking

### Chief Complaint

- What happened to you?

### History of Present Illness

- When was the last time that you had something to eat?

### Past Medical/Surgical History

- Do you have any other health problems?
- Have you had any severe illnesses or injuries before?

### Medications and allergies

- What medication have you been taking?
- Have you started any new medication?

# Physical examination

Perform the following physical examinations:

## Airway

- Airway observation

## Breathing

- O2 Sat (%)
- Pulmonary auscultation
- Respiratory rate (/min)

## Circulation

- Blood pressure (mmHg)
- Capillary refill time (s)
- Cardiac auscultation
- Heart rate (bpm)
- Pulse palpation
- Urinary output (mL/kg/h)

## Disability

- Blood glucose (mg/dL)

- Glasgow Coma Scale
- Pupil light reflex

### **Exposure**

- Temperature (°C)

## **Medical tests**

Request the following medical tests:

### **Decision aids**

- FAST scale

## **Treatments**

Administer the following treatments:

### **To treat: Hypoglycemia - optimal. One of the following:**

- Medications | 30% Glucose
- Medications | 50% Glucose

### **To treat: Hypoxia/severe hypoxia. One of the following:**

- Interventions | High flow mask
- Interventions | Nasal cannula

### **To notify hospital**

- Call | Notify hospital

### **i.47**

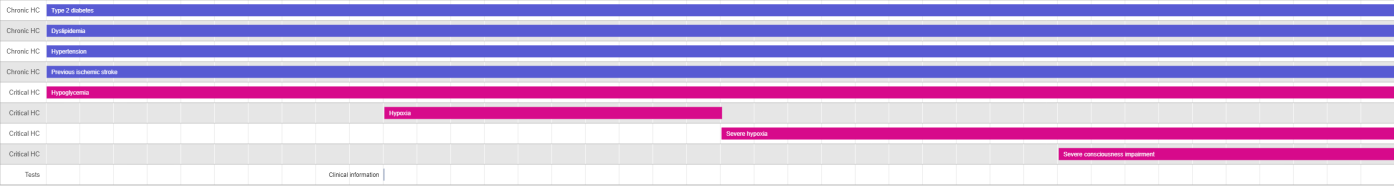
- Medications | Hormones | Glucagon

### **i.48**

- Interventions | Catheters & tubes | IV peripheral catheter

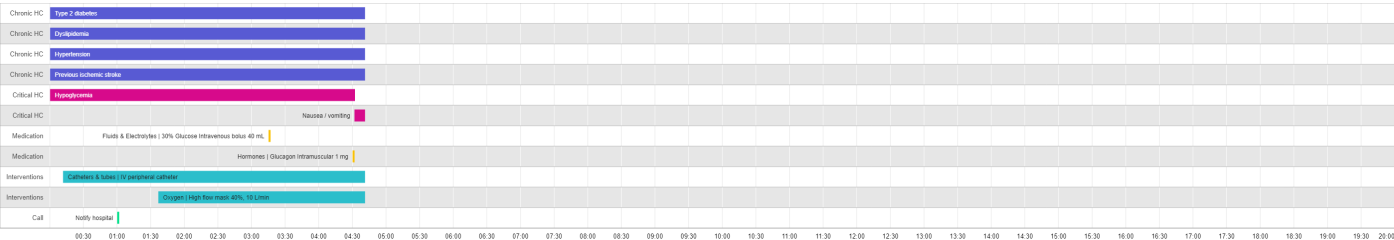
# Baseline

Visualize the baseline approach. The baseline predicts scenario behavior assuming no actions by the trainee, which usually represents the worst-case scenario.



# Optimal approach - International

Visualize the optimal approach to end your simulation successfully.



## Assessment question(s)

Questions presented to the trainee in order to have a more detailed evaluation of the use of the clinical scenario.

### Summative Multiple Choice Question:

#### Question

What is the most likely diagnosis?

#### Correct answer

Hypoglycemia

#### 3 Incorrect answer(s)

Acute ischemic stroke

Meningitis

Epileptic fit