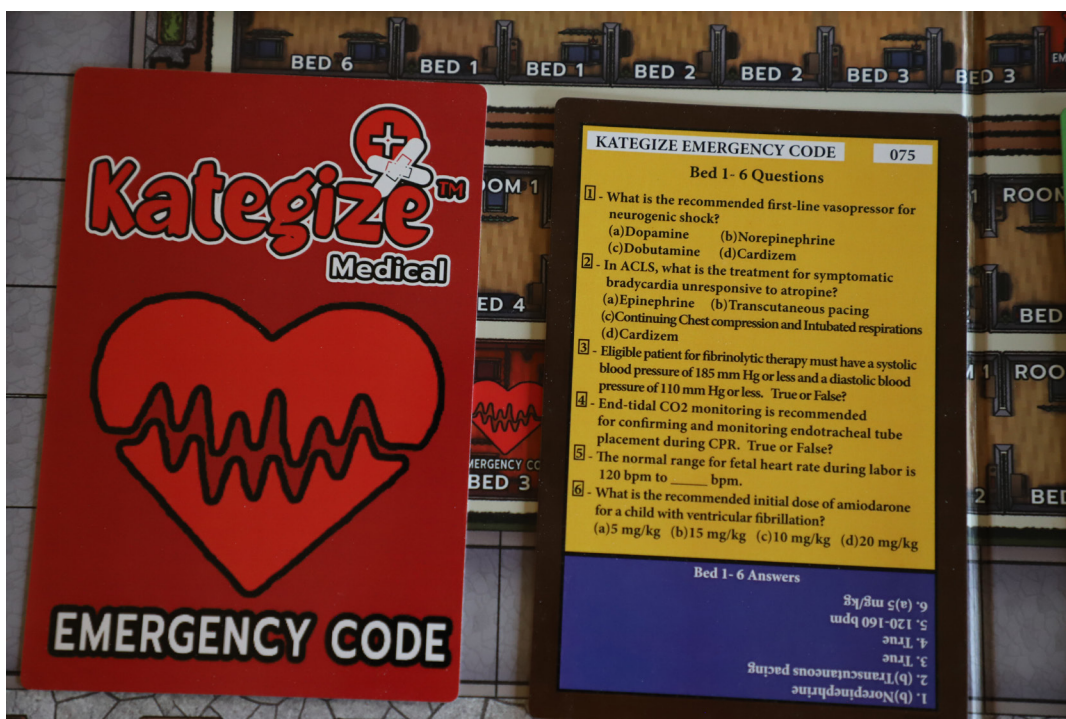
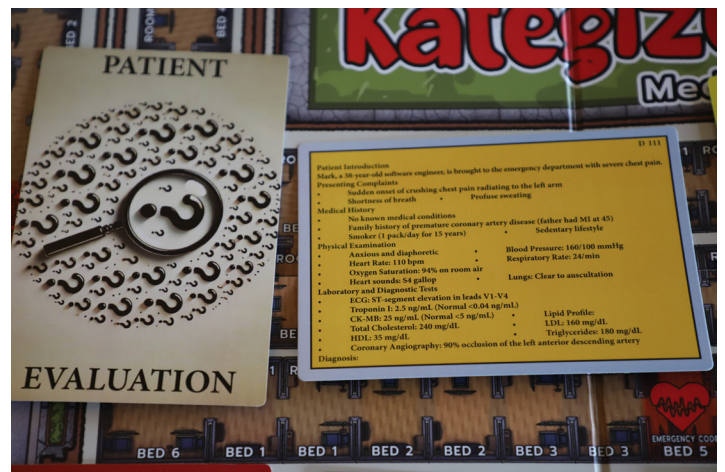


# KATEGIZE MEDICAL





# KATEGIZE MEDICAL



## KATEGIZE MEDICAL

ROOM 1 062

ANSWERS ON  
reverse side

### Bed 1 - 6 Questions

- What is the gold standard for diagnosing peptic ulcer disease?  
(a) Barium swallow (b) CT scan  
(c) Endoscopy (d) H. pylori breath test
- The most appropriate initial treatment for a patient with hypertensive urgency?  
(a) Intravenous nitroprusside (b) Oral captopril  
(c) Sublingual nifedipine (d) Intravenous labetalol
- Test for diagnosing pulmonary hypertension.  
(a) Echocardiography (b) Right heart catheterization  
(c) Pulmonary function tests (d) Chest X-ray
- Anxiety disorders are the most common mental health disorders in the U.S. True or False?
- Voriconazole is effective against Candida species. True or False?
- Do not use adenosine in irregular or polymorphic wide-complex tachycardias. True or False?

### ROOM 2 Bed 1 - 6 Answers

- Inhibit the conversion of angiotensin I to angiotensin II
- (b) Pregnancy
- True
- Chemotherapy
- True
- True

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## KATEGIZE MEDICAL

ROOM 2 062

ANSWERS ON  
reverse side

### Bed 1 - 6 Questions

- What is the primary mechanism of action of angiotensin-converting enzyme (ACE) inhibitors?
- Which of the following is a contraindication for the MMR vaccine?  
(a) Recent administration of antibiotics  
(b) Pregnancy  
(c) Breastfeeding
- The ciliary muscle is responsible for accommodation of the lens. True or False?
- The primary treatment for acute lymphoblastic leukemia (ALL) in children is \_\_\_\_\_ therapy.
- Meningitis can be caused by a reaction to certain medications. True or False?
- A platelet count below 150,000/ $\mu$ L is considered thrombocytopenia. True or False?

### ROOM 1 Bed 1 - 6 Answers

- (c) Endoscopy
- (b) Oral captopril
- (b) Right heart catheterization
- True
- True
- True

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**EMERGENCY CODE**

## KATEGIZE EMERGENCY CODE

013

### Bed 1- 6 Questions

- 1 - The primary mechanism of action of epinephrine in cardiac arrest is Alpha-1 adrenergic receptor agonism, causing vasoconstriction. True or False?
- 2 - Recommended maximum infusion rate for intravenous nicardipine in hypertensive emergencies?  
(a) 5 mg/hr (b) 10 mg/hr (c) 15 mg/hr (d) 20 mg/hr
- 3 - What is the standard dose of epinephrine in cardiac arrest?  
(a) 1 mg IV/IO every 3-5 mins  
(b) 10 mg IV/IO every 10 mins  
(c) 5 mg IV/IO every 3-5 mins  
(d) 5 mg IV/IO every 10 mins
- 4 - Lidocaine is an alternative to amiodarone in cardiac arrest from VF and pulseless VT. True or False?
- 5 - The loading dose of amiodarone for pulseless VT/VF?  
(a) 100 mg IV/IO (b) 300 mg IV/IO  
(c) 150 mg IV/IO
- 6 - Lidocaine dose should be increased with impaired liver function. True or False?

### Bed 1- 6 Answers

1. True
2. (c) 15 mg/hr
3. (a) 1 mg IV/IO every 3-5 mins
4. True
5. (b) 300 mg IV/IO
6. False

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D 013

**Patient History:** Linda, a 45-year-old corporate executive, sought medical attention for rapid weight gain, particularly in her face and abdomen. She also reported easy bruising, muscle weakness, and mood swings.

#### Symptoms

- Rapid weight gain with central obesity
- Moon face and buffalo hump
- Easy bruising
- Proximal muscle weakness
- Mood swings and irritability
- Hypertension
- Irregular menstrual cycles

#### Laboratory Results

- 24-hour Urinary Free Cortisol: 250 µg/24h (Normal: 20-90 µg/24h)
- Morning Serum Cortisol: 30 µg/dL (Normal: 5-25 µg/dL)
- ACTH: 80 pg/mL (Normal: 10-60 pg/mL)
- Dexamethasone Suppression Test: No suppression of cortisol

#### Diagnosis:

**KATEGIZE MEDICAL**

**PATIENT**



**EVALUATION**