

1-DM

A 65-year-old gentleman presents with polyuria and weight loss. His random blood sugar is 310 mg/dL. You order an HbA1c, which is 11%.

A) What is your first-line choice of drug for this patient? Insulin

B) Mention two possible side effects for this drug? hypoglycemia & weight gain

2-HTN

A 50-year-old man has normal blood pressure readings in the clinic, but home measurements show elevated blood pressure.

A) What is the most likely diagnosis? Masked HTN

B) How to confirm your diagnosis? Ambulatory blood pressure monitoring

3- Fatigue

4 initial investigations for Chronic Fatigue syndrome? CBC, LFT, KFT, TSH

4-List three differential diagnoses for acute suprapubic abdominal pain in a male? Acute appendicitis, UTI, inguinal hernia

5-Dyspepsia

A patient presents with early satiety and postprandial fullness

occurring 3 days per week, along with epigastric pain. These symptoms

have been ongoing for 6 months. H. pylori testing is negative, and she

uses a PPI only as needed.

A) Ddx? Functional dyspepsia

B) next management step? PPI 4-8 weeks if it didn't work switch to TCA

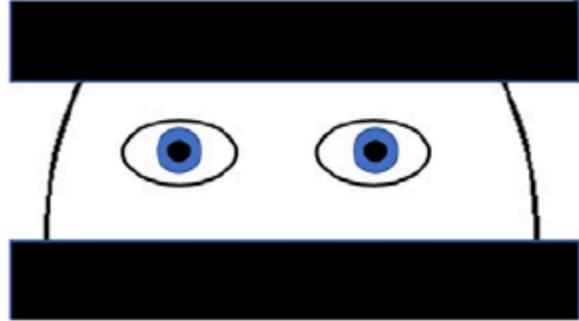
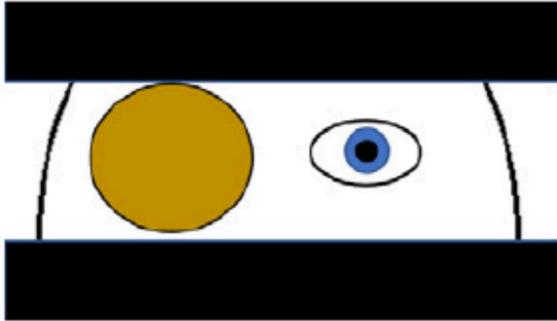
6-Adult health maintenance

Breast Cancer screening plan for a 30 yo female? Monthly: SBE, Annually: CBE, When she turns 40 she should start screening by a mammogram annually

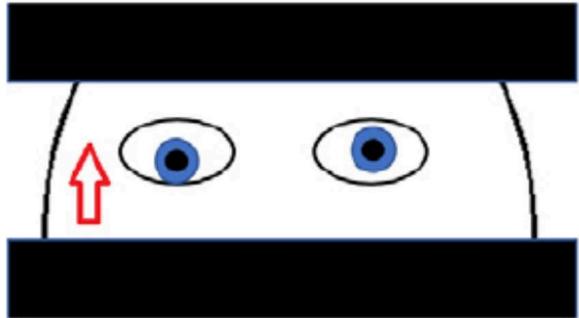
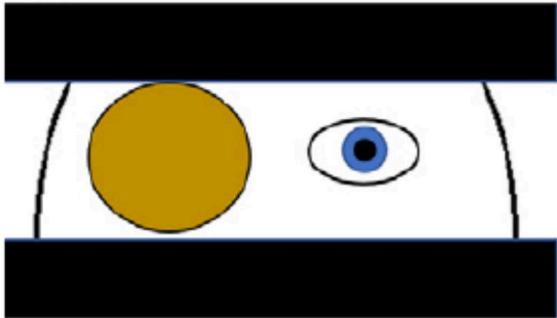
7- Dizziness

Based on the image:

3a.



3b.

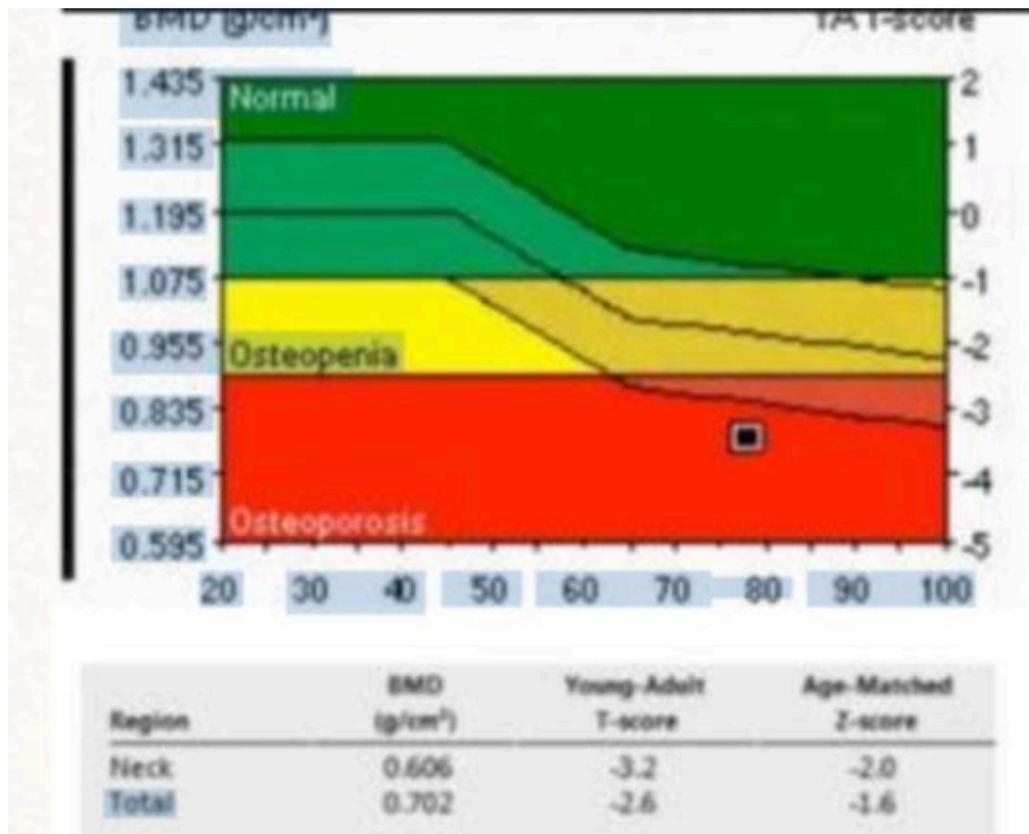


A) what is the name of this test? Test of Skew

B) What's your diagnosis based on the result? There is the central cause of vertigo (Stroke)

8- Osteoporosis

Based on the image:



A) What is the diagnosis? Osteoporosis

B) What is the first-line treatment for this condition? bisphosphonate

9-Introduction to FM

skills of a family medicine doctor?

Communication skills, Therapeutic skills, Preventive skills

10- Chest pain

Based on the image:

Wells Score Criteria Description	Points
Active Cancer (treatment within last 6 months or palliative)	+1 point
Calf swelling \geq 3 cm compared to asymptomatic calf (measured 10 cm below tibial tuberosity)	+1 point
Swollen unilateral superficial veins (non-varicose, in symptomatic leg)	+1 point
Unilateral pitting edema (in symptomatic leg)	+1 point
Previous documented DVT	+1 point
Swelling of entire leg	+1 point
Localized tenderness along the deep venous system	+1 point
Paralysis, paresthesia, or recent cast immobilization of lower extremities	+1 point
Recently bedridden \geq 3 days, or major surgery requiring regional or general anesthetic in the past 12 weeks	+1 point
Alternative diagnosis at least as likely	-2 points

A) Name of this criteria? Well's criteria

B) What is it for? Risk of PE in DVT patients

11- Headaches

A 17 yo male with sever headache, neck stiffness, fever.

A) What is the diagnosis? Meningitis

B) Give 2 other ddx for secondary headache? onset of headache > 50 yo , headache increase in frequency and intensity although treated

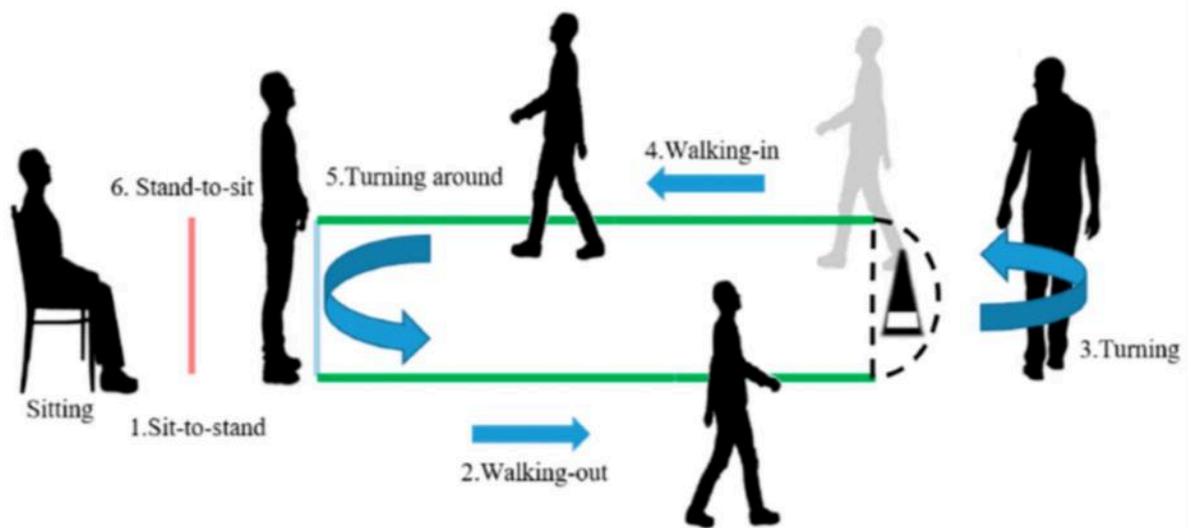
12-URTI

A) Diagnosis? Strep pharyngitis

B) Centor's? 4

13- Geriatrics

Based on the image:



A) what is the name of this test? time up and go test (TUG)

B) It's use for the assessment of what? Fall risk

14-Dyslipidemia

Non diabetic patient ASCVD 14%, LDL<190, TG=300 what's your management?
Moderate intensity statin, lifestyle modification (weight loss, diet, exercise)