

Which medication should not be prescribed during an acute gout flare?

Question options:

- ☐ Colchicine
- ☐ Steroids
- ☒ Allopurinol
- ☐ NSAIDs

Question 2

The right lymphatic ducts drain into what part of the circulatory system?

Question options:

- ☐ capillary bed
- ☒ venous
- ☐ arterial
- ☐ arteriovenous

Question 3

Which presentation is most suspicious for penile cancer?

Question options:

- ☐ a group of small, scattered vesicles
- ☐ papules with a variety of shapes

☐ a chancre

☒ a nontender, indurated penile nodule

Question 4

Which cranial nerves are assessed when assessing bilateral eye movement?

Question options:

☐ II, III, IV

☐ II, IV, VI

☐ III, IV, VII

☒ III, IV, and VI

Question 5

Which type of insulin will help to reduce nocturnal hypoglycemia?

Question options:

☐ NPH

☐ immediate-acting

☐ regular

☒ long-acting

Question 6

Which area does not drain to the right lymph duct?

Question options:

- ☒ the right leg
- ☐ the right arm
- ☐ the right upper thorax
- ☐ the right side of the head

Question 7

What is likely to be elevated in a woman with polycystic ovarian syndrome?

Question options:

- ☐ estrogen
- ☒ insulin
- ☐ progesterone
- ☐ renin

Question 8

What is a frequent side effect of SSRIs?

Question options:

- ☒ sexual dysfunction
- ☐ anorexia
- ☐ depression
- ☐ delayed response time of 2-3 weeks

Question 9

Which is not a location of pain associated with kidney and ureter disorders?

Question options:

- ☐ back
- ☒ suprapubic
- ☐ flank
- ☐ abdominal

Question 10

Which medication targets postprandial glucose by blocking its transport across the intestine into the bloodstream?

Question options:

- ☐ metformin (Glucophage)
- ☐ rosiglitazone (Avandia)
- ☒ acarbose (Precose)
- ☐ glipizide (Glucotrol)

Question 11

Jugular venous distention accompanied by chest pain is associated with:

Question options:

- ☐ pneumonia

- ☐ asthma
- ☒ heart failure
- ☐ hypertension

Question 12

What suggests hyperandrogenism in an adolescent female?

Question options:

- ☐ polycystic ovaries
- ☒ hirsutism
- ☐ obesity
- ☐ high pitched voice

Question 13

A clinical breast exam should include palpation at the tail of Spence. Where is this located?

Question options:

- ☒ laterally across the anterior axillary fold
- ☐ lower inner quadrant
- ☐ upper inner quadrant
- ☐ lower outer quadrant

Question 14

What medication is used first line for a patient with benign positional vertigo?

Question options:

- ☐ hydrochlorothiazide
- ☐ pseudoephedrine
- ☒ meclizine
- ☐ promethazine

Question 15

How would you describe the lesions of condyloma accuminata in a male patient?

Question options:

- ☐ a red, nontender, enlarging nodule with induration
- ☐ a chancre
- ☐ a group of small, scattered vesicles
- ☒ multiple papular lesions with a verrucous appearance

Question 16

Your 62 year old patient has been taking Griseofulvin 500 mg po BID for 3 weeks to treat tinea capitis and has only had marginal improvement. What is your next step?

Question options:

- ☐ prescribe a short course of oral steroids
- ☐ have the patient shave his head and warn him that hair regrowth will be slow



continue the current therapy for 6-8 weeks



Add 2.5% selenium sulfide shampoo twice weekly to the regimen

Question 17

When measuring the fundal height of a pregnant woman at 32 weeks, which measurement would prompt the nurse practitioner to suspect fetal growth restriction?

Question options:



29 cm



30 cm



31 cm



32 cm

Question 18

Which is a synovial joint?

Question options:



pubic symphysis of the pelvis



skull



vertebral bodies of the spine



shoulder

Question 19

What is the most common characteristic among patients with migraine headache?

Question options:

- ☒ family history
- ☐ initial onset after age 35
- ☐ weakness
- ☐ focal deficits

Question 20

A pregnant patient presents for her 16 week prenatal visit. Her blood pressure had reduced from 118/79 to 109/68. What hemodynamic change is responsible for this?

Question options:

- ☒ decrease in systemic vascular resistance
- ☐ decrease in stroke volume
- ☐ decrease in cardiac output
- ☐ decrease in preload

Question 21

A 40 year old female patient has breasts with a soft texture, but uneven contour bilaterally. What is the most likely diagnosis?

Question options:

- ☐ malignancy
- ☐ fibroadenoma

☐ cystic breasts

☒ normal finding

Question 22

Which medication is not contraindicated in a patient with sulfa allergy?

Question options:

☐ sumatriptan (Imitrex)

☒ glimepride (Amaryl)

☐ celecoxib (Celebrex)

☐ silver sulfadiazine (Silvadene)

Question 23

At what point in pregnancy should Rh negative women receive Rhogam (Rho D immune globulin)?

Question options:

☐ 35 weeks

☒ 28 weeks

☐ 12 weeks

☐ 6 weeks

Question 24

What is the single dose treatment for chlamydia?

Question options:

- ☐ Flagyl (metronidazole) 2 g po
- ☐ Rocephin (ceftriaxone) 250 mg IM
- ☐ Vibramycin (doxycycline) 200 mg po
- ☒ Zithromax (azithromycin) 1 g po

Question 25

You might suspect small bowel obstruction in a patient who complains of:

Question options:

- ☐ hematemesis and bloody stool
- ☐ indigestion and anorexia
- ☐ nausea and diarrhea
- ☒ vomiting and pain

Question 26

Which medication is contraindicated in a child with acute sinusitis?

Question options:

- ☐ decongestants
- ☐ nasal steroids
- ☐ antihistamines
- ☒ expectorants

Question 27

A 62 year old male presents with leg pain and occasional numbness that is worse with ambulation and improved with lumbar flexion. What is the likely diagnosis?

Question options:

- ☐ cauda equina syndrome
- ☒ spinal stenosis
- ☐ ankylosing spondylitis
- ☐ bursitis

Question 28

How do 5-alpha reductase inhibitors work to reduce the symptoms of BPH?

Question options:

- ☒ increase blood flow to the prostate
- ☐ decrease the size of the prostate
- ☐ relax smooth muscle in the bladder neck
- ☐ relax smooth muscle in the prostate capsule

Question 29

What is the mechanism of action of prostaglandin E1 in a patient with transposition of the great arteries?

Question options:

- ☐ to prevent cyanotic episodes by trapping blood in the lower extremities
- ☐ to maintain patency of the great arteries
- ☐ to maintain equal pressure in the ventricles
- ☒ to produce vasodilation and adequate oxygen saturation

Question 30

During abdominal exam, which sound over the bulging area of the abdomen would indicate ascitic fluid?

Question options:

- ☐ normal resonance
- ☐ hyperresonance
- ☒ dullness
- ☐ tympany

Question 31

Which condition is associated with chronic, bloody diarrhea?

Question options:

- ☐ Hepatitis A
- ☒ Crohn's disease
- ☐ irritable bowel syndrome
- ☐ celiac disease

Question 32

What would you advise for a patient taking an oral glucocorticoid?

Question options:

- ☐ crush it in applesauce
- ☐ take it in an empty stomach
- ☒ take it with food
- ☐ chew it prior to a high fat meal

Question 33

Which immunization protects against a virus that is transmitted through blood and body fluids and can lead to chronic liver disease?

Question options:

- ☐ Hepatitis A
- ☐ Hepatitis B
- ☒ Hepatitis C
- ☐ Typhoid fever vaccine

Question 34

Which risk factor is not associated with breast cancer?

Question options:

- ☐ use of hormone replacement therapy

- ☐ postmenopausal obesity
- ☒ low socioeconomic status
- ☐ personal or family history of breast cancer

Question 35

A pediatric patient has areas of scaling on the scalp with round patches of hair loss. What is the likely diagnosis?

Question options:

- ☐ trichotillomania
- ☒ tinea capitis
- ☐ alopecia areata
- ☐ seborrheic dermatitis

Question 36

What finding would be suggestive of osteosarcoma in a pediatric patient?

Question options:

- ☐ apophyseal avulsion
- ☐ pathologic fracture
- ☒ pain in the affected bone
- ☐ repeat fracture

Question 37

Your 70 year old patient complains of a sore mouth that prevents her from eating. On exam you note a beefy red, glossy smooth tongue. What do you suspect?

Question options:

- ☐ a neurological disorder such as Parkinson's disease
- ☐ secondary hypothyroidism
- ☒ pernicious anemia due to insufficient intrinsic factor
- ☐ cheilosis, a serious disease of the mouth and oropharynx

Question 38

Rapid HIV testing would be most appropriate for a patient with complaints of:

Question options:

- ☐ painful bowel movements, anal itching, and abnormal menstrual bleeding or painful and swollen testicles
- ☐ painful urination, lower abdominal pain, and dyspareunia
- ☒ painful urination, dyspareunia, and penile or vaginal discharge
- ☐ fever, headache, and lymphadenopathy

Question 39

Which is a contraindication for menopausal estrogen replacement therapy in a 55 year old woman?

Question options:

- ☒ prior breast or uterine carcinoma

- ☐ current or past migraine headaches
- ☐ family history of lung cancer
- ☐ history of phlebitis

Question 40

Which is not a typical symptom of late stage HIV?

Question options:

- ☐ night sweats
- ☒ persistent vomiting
- ☐ persistent, unexplained fatigue
- ☐ lymphadenopathy of more than 3 months

Question 41

What historical finding may predispose a patient to testicular cancer?

Question options:

- ☐ epididymitis
- ☐ inguinal hernia
- ☐ testicular torsion
- ☒ cryptorchidism

Question 42

A Hispanic woman at 26 weeks of pregnancy tells you that she has been eating ice. What should the NP do?

Question options:

- ☐ tell her this is a dangerous cultural practice
- ☒ check the patient for anemia
- ☐ encourage her to eat more at mealtimes
- ☐ check the patient for diabetes

Question 43

What is the term for excess fluid that accumulates in the pleural cavity between the visceral and parietal spaces?

Question options:

- ☐ chylothorax
- ☒ pleural effusion
- ☐ pleural empyema
- ☐ pericardial effusion

Question 44

Which pathogen is associated with common UTIs?

Question options:

- ☐ Streptococcus
- ☐ Proteus mirabilis
- ☒ E coli
- ☐ Klebsiella

Question 45

You are evaluating an 80 year old patient for recent episodes of incontinence and confusion. His family states that this is unusual for him and he has become increasingly forgetful over the past two weeks. Which medication might be responsible for this?

Question options:

- ☐ Altace (ramipril)
- ☒ Tagamet (cimetidine)
- ☐ Coumadin (warfarin)
- ☐ Vitamin B-12

Question 46

Which is a true statement about varicose veins?

Question options:

- ☒ They are more symptomatic during ovulation.
- ☐ They are usually diagnosed on clinical presentation.
- ☐ They are not affected by pregnancy.
- ☐ They are due to congenital valve deformities.

Question 47

What symptoms in a college student living in a dorm would be suspicious for atypical community acquired pneumonia?

Question options:

- ☒ low grade fever, malaise, and crackles audible throughout the lung fields
- ☐ temp of 102, dyspnea, and diminished lung sounds on auscultation
- ☐ low grade fever, malaise, and clear lung fields on auscultation
- ☐ temp of 101.2, sore throat, and diminished lung sounds on auscultation

Question 48

Which type of incontinence is most likely in a patient with Alzheimer's disease who cannot reach the toilet in time?

Question options:

- ☒ Functional
- ☐ Overflow
- ☐ Urge
- ☐ Stress

Question 49

You are seeing a 63 year old male who has decreased chest expansion, symmetric thorax with moderate kyphosis, and bilateral diaphragm distention of 2 cm. What is the most likely diagnosis?

Question options:

- ☒ COPD
- ☐ rib fracture
- ☐ pneumothorax

- ☐ pleural effusion

Question 50

You are evaluating a 15 year old patient for bipolar disorder. His parents tell you that he has severe mood swings, is easily distracted, and constantly corrects his teachers. You would have a high suspicion for bipolar if which symptom was present?

Question options:

- ☐ he does not complete tasks
- ☐ he blurts out answers in class inappropriately
- ☐ he is forgetful
- ☒ he sleeps less than 4 hours nightly

Question 51

What is a typical finding in a patient with a meniscal tear?

Question options:

- ☐ audible click at the joint line
- ☒ positive McMurray's test
- ☐ positive anterior drawer test
- ☐ fixed patellar subluxation

Question 52

What is important to consider before prescribing metronidazole for giardiasis?

Question options:

- ☐ whether the patient is at least 18 years of age
- ☒ whether the patient drinks alcohol
- ☐ presence of a sulfa allergy
- ☐ past medical history of peptic ulcer disease

Question 53

Which headache sign does not warrant an immediate investigation?

Question options:

- ☐ new onset after age 50
- ☐ precipitated by Valsalva maneuver
- ☐ aggravated or relieved by change of position
- ☒ relieved with use of common analgesics

Question 54

What clinical manifestation suggests primary syphilis?

Question options:

- ☒ a single painless genital lesion
- ☐ no symptoms
- ☐ poor muscle coordination
- ☐ rash marked by red or reddish-brown penny sized lesions on the palms and soles

Question 55

In which condition would the use of triptans for migraine headaches be contraindicated?

Question options:

- ☐ kidney stones
- ☐ osteoarthritis
- ☐ vertigo
- ☒ hypertension

Question 56

Using GTPAL nomenclature, how would you document a patient currently pregnant with a history of an uncomplicated term vaginal delivery, preterm delivery of liveborn twins, and an 8 week elective abortion?

Question options:

- ☐ G4 T1 P2 A1 L3
- ☐ G5 T1 P2 A2 L2
- ☒ G3 T1 P1 A1 L3
- ☐ G4 T1 P1 A1 L3

Question 57

What is the most common presenting symptom of a woman with trichomoniasis?

Question options:



vaginal discharge



dyspareunia and abdominal pain



fever, papules, and vaginal discharge with burning



painless, ulcerated vulvar lesion with vaginal discharge

Question 58

A child with enuresis should be treated with nasal desmopressin (DDAVP) for which symptom?

Question options:



daytime incontinence



nocturnal enuresis



secondary enuresis



urinary pain

Question 59

What should not be prescribed for migraine prophylaxis in a 42 year old woman?

Question options:



amitriptyline (Elavil)



sumatriptan (Imitrex)



metoprolol (Lopressor)



verapamil (Verelan)

Question 60

Which medication inhibits blood coagulation by selectively blocking the active site of factor X-a?

Question options:

- ☐ Pradaxa (dabigatran)
- ☐ Lovenox (enoxaparin)
- ☐ Coumadin (warfarin)
- ☒ Eliquis (apixaban)

Question 61

Which medication is appropriate for a woman with bladder sphincter dysfunction and stress incontinence?

Question options:

- ☐ Minipress (prazosin)
- ☐ Urecholine (bethanechol)
- ☐ pseudoephedrine
- ☒ Urispas (flavoxate)

Question 62

What pathological finding is noted in asthma?

Question options:

- ☐ absence of goblet cells
- ☐ necrosis of small airways

☐ absence of ciliary regeneration

☒ hypertrophy of smooth muscle

Question 63

Which condition is best treated by using alpha adrenergic antagonists?

Question options:

☐ renal insufficiency

☐ functional incontinence

☒ overflow incontinence

☐ urge incontinence

Question 64

What medication is used to relieve acute wheezing in a patient with asthma?

Question options:

☐ long acting beta agonist

☐ short acting beta agonist

☒ oral corticosteroid

☐ inhaled corticosteroid

Question 65

How would a 60 year old man typically describe prostate pain?

Question options:



Located in the suprapubic area



Located in the lower back



Located in the perineum



Located in the glans penis

Question 66

Which symptom is most associated with testicular torsion?

Question options:



testicular pain



erectile dysfunction



testicular swelling



penile warts

Question 67

A 67 year old woman with atrial fibrillation and an ejection fraction of 48% is on digoxin and has had normal digoxin levels of 0.8– 2 ng/dL for the past 9 months. Today, the level is 0.4 ng/dL. What could account for this change?

Question options:



increased exercise



regular use of an antacid



weight loss

- ☐ decreased creatinine clearance

Question 68

What test of renal function is the best measure of renal insufficiency?

Question options:

- ☐ BUN
- ☐ serum creatinine
- ☒ 24 hour creatinine clearance
- ☐ serum uric acid

Question 69

Which medication is indicated for patients with Generalized Anxiety Disorder (GAD)?

Question options:

- ☒ Buspirone (Buspar)
- ☐ Bupropion (Wellbutrin)
- ☐ Citalopram (Celexa)
- ☐ Imipramine (Tofranil)

Question 70

Which is common among patients with psoriasis?

Question options:

- ☐ pruritis, pitted nails, and satellite lesions

- ☐ dermatomal rash and satellite lesions
- ☒ pitted nails and plaques
- ☐ pruritis, positive Auspitz sign, and pitted nails

Question 71

A 26 year old woman with bulimia is likely to be:

Question options:

- ☐ not concerned with weight
- ☒ of average weight
- ☐ very overweight
- ☐ very underweight

Question 72

Which patient would be at highest risk for contracting TB?

Question options:

- ☒ A person who smoke 2 packs per day
- ☐ A low income immigrant
- ☐ Someone who had recent contact with an infected patient
- ☐ A nursing home resident

Question 73

Which best describes the lower extremity calf pain associated with peripheral artery disease?

Question options:

- ☐ pulsating pain
- ☐ electric shock
- ☐ sharp, stabbing pain

☒ dull aching or cramping

Question 74

During a migraine, what happens to the cerebral arteries?

Question options:

- ☐ they constrict
- ☐ they vibrate

☒ they dilate

☐ they pulsate

Question 75

What is the most likely presenting symptom in a pediatric patient with croup?

Question options:

☒ A barking cough

☐ nocturnal symptoms

☐ shortness of breath

☐ sudden onset of symptoms
