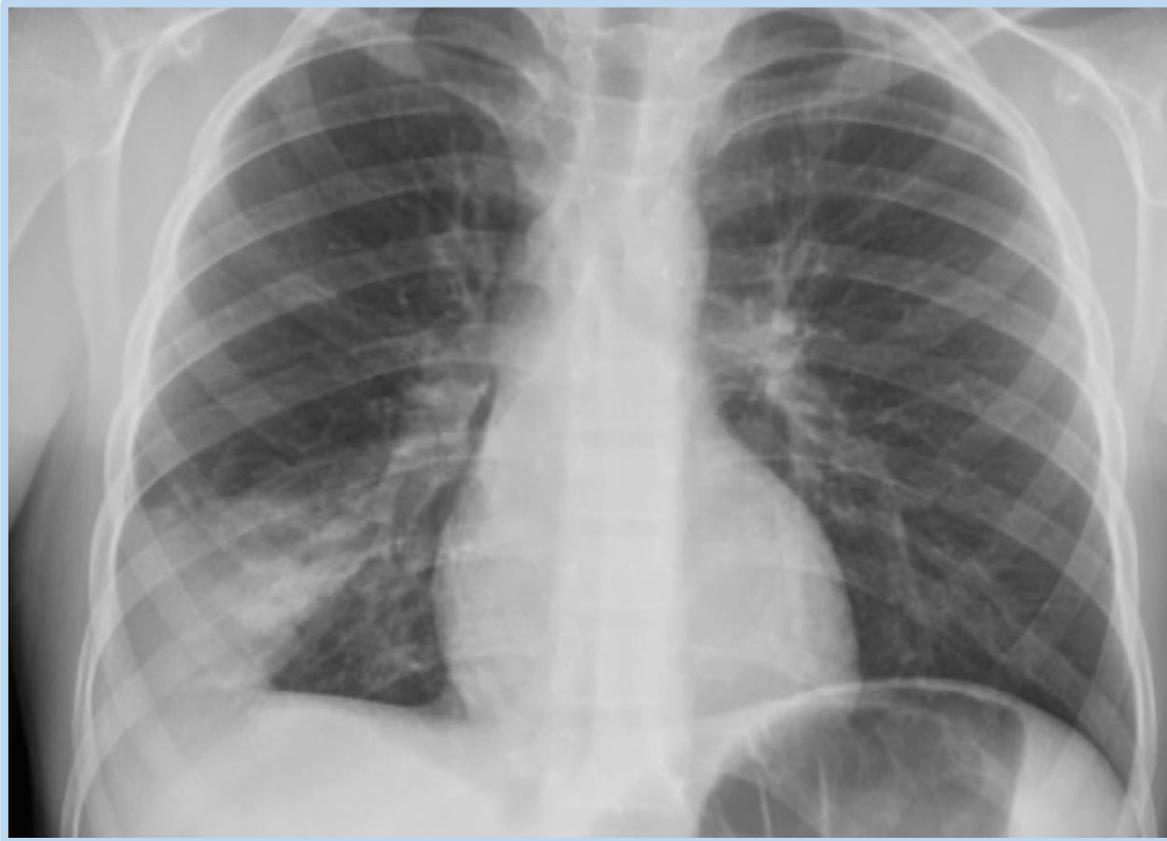


MEDICINE



1. Which of the following is seen in conn syndrome?

- a. Hyponatremia
- b. Pedal edema
- c. Postural hypotension
- d. Polyuria

2. 35-year-old female presents with bilateral ptosis and fatigue. On examination with flashlight both pupils are dilated. DTR and superficial reflexes are normal. Sensory and cerebellar examination is normal. Which of the following investigations should be done first in this case?

- a. MRI brain
- b. Single fiber electromyography
- c. Tensilon test
- d. Ice pack test

3. 50-year-old man with type 2 DM is having FPG 220 mg/dl and 2-hour PG value of 200 mg/dl. Which of the following explains this elevated fasting glucose levels.

- a. Increased hepatic gluconeogenesis
- b. Decreased peripheral uptake of glucose
- c. Somogyi phenomemon
- d. Decrease hepatic glycogenesis

4. A 34-year-old man with untreated HIV (CD4 count 45/ μL) presents with headache, fever, nausea, vomiting, and confusion. On examination, there is neck stiffness and altered mental status. Lumbar puncture shows elevated opening pressure, low CSF glucose, and encapsulated diplococci on India ink staining. What is the most appropriate initial treatment?

- a. Intravenous amphotericin B plus fluconazole
- b. Intravenous acyclovir
- c. Intravenous amphotericin B plus flucytosine
- d. Ceftriaxone with vancomycin

5. 50-year-old man presents with chronic diarrhea, weight loss, arthralgia and hyperpigmentation on extensor surfaces and flexural area. On examination systolic murmur is heard in aortic area. Biopsy of small intestine is shown below. Which of the following statements are correct about this patient condition?

- a. Caused by gluten allergy
- b. Presents with culture negative endocarditis
- c. Polyps in jejunum
- d. Associated with enteropathy associated T cell lymphoma



6. 50-year-old man with Type 2 DM underwent PCI with stenting. Physician wants to maintain his blood sugar with rapid acting insulin. Which of following should be started?

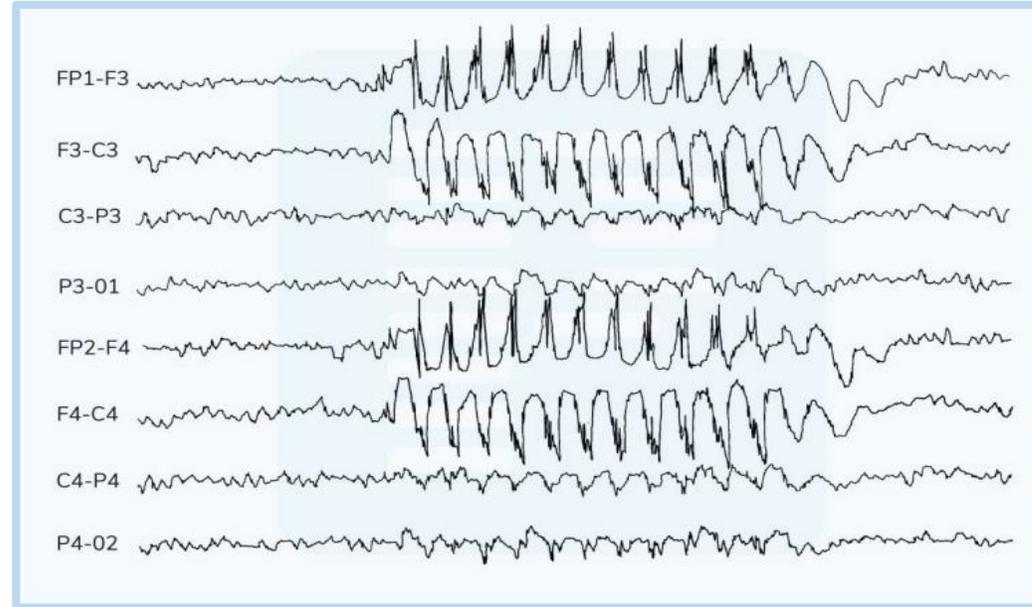
- a. Glargine
- b. Glulisine
- c. Detemir
- d. Icodec

7. You are managing with Addisonian crisis with dexamethasone. Which of the following will not improve with treatment?

- a. Hyponatremia
- b. Hyperkalemia
- c. Hypoglycemia
- d. Postural hypotension

8. 5-year-old child has repeated episodes of vacant stare and poor school performance. EEG is shown below. Which of the following drugs can worsen this patient?

- a. Carbamazepine
- b. Ethosuximide
- c. Valproate
- d. Lamotrigine



9. 50-year-old man with CKD missed a haemodialysis session and complains of vomiting, lethargy and vomiting. Which of the following is most likely to occur in this patient?

- a. Metabolic alkalosis with hyperkalemia
- b. Metabolic acidosis with hyperkalemia
- c. Metabolic alkalosis with normal anion gap metabolic acidosis
- d. Metabolic acidosis with hypokalemia

10. Which of the following is used for treatment of malignant pheochromocytoma

- a. MIBG scan using I-131
- b. Sodium nitroprusside
- c. Phentolamine with propranolol
- d. Propranolol with phentolamine

11. Which of the following clinical features are seen with Acute Myeloid Leukemia?

- a. Gum hypertrophy
- b. Skin infiltration
- c. Lower limb weakness
- d. Papilledema

- 1. a, b
- 2. b, c
- 3. a, b, c
- 4. a, b, c, d

12. While evaluating a pulse of patient you notice a tapping character when you raise hv the arm of patient above his head. Which of the following conditions would not be present in this case?

- a. Aortic regurgitation
- b. Anaemia
- c. Left ventricular failure
- d. Thiamine deficiency

13. 10-year-old child is admitted in ICU for abdominal pain and vomiting episodes. ABG shows pH = 7.3, pCO₂= 30 mm Hg, HCO₃=15 meq/L, RBS = 350 mg/dl. Urine Ketostix is 4+. He is managed with 1L saline and insulin infusion 0.1 U/kg per hour and child recovers by day 3. Which of the following is correct about the cause of this presentation?

- a. Insulin resistance
- b. Leading cause of death is hyponatremic dehydration
- c. Occurs due to defect of chromosome 6
- d. Start on basal bolus regimen with carbohydrate restriction

14. Calcitonin levels are increased in which of the following

- a. Hypoparathyroidism
- b. Hyperparathyroidism
- c. Follicular carcinoma thyroid
- d. Digeorge syndrome

15. A 32-year-old man is brought in by paramedics after being involved in a motor vehicle collision. He has multiple fractures and is hypotensive and tachycardic. Heart sounds are normal, but his neck veins are distended and there are decreased breath sounds on the left with displaced apex beat . Which of the following should be done immediately?

- a. Chest X-ray in the upright position
- b. Chest tube placement in the fifth intercostal space along the midaxillary line
- c. Needle thoracostomy in the second intercostal space along the midclavicular-line
- d. Emergency thoracotomy

16. RHD patient with Mitral stenosis has developed PAH. Which of the following JVP findings will be likely to be seen

- a. Large a wave
- b. Canon a wave
- c. Absent a wave
- d. Kussmaul sign

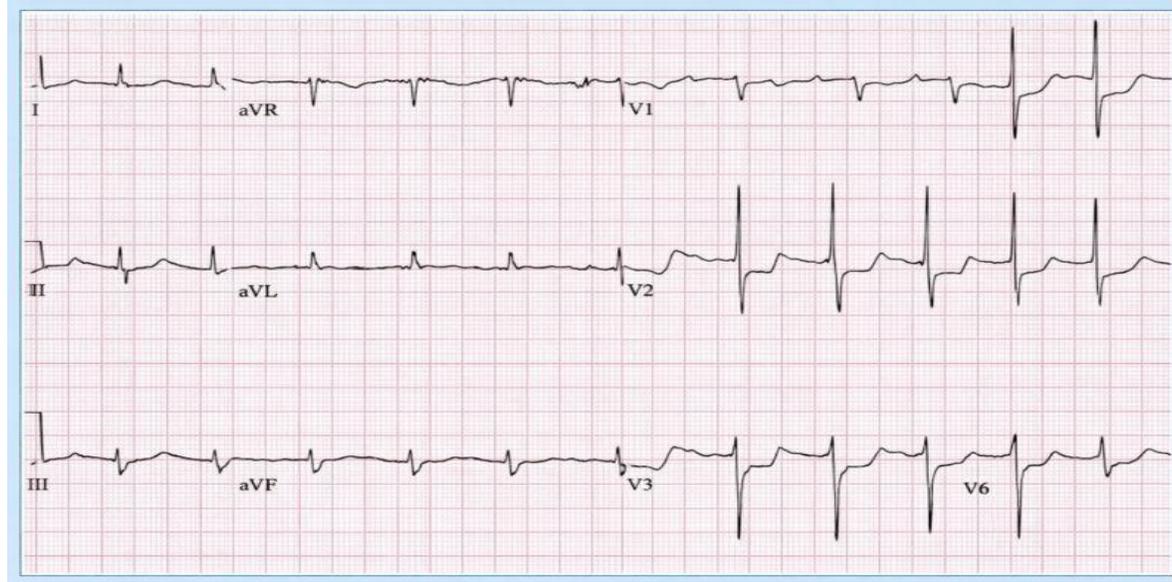
17. A 28-year-old marathon runner collapses just before the finish line after consuming large amounts of water during the race. He develops acute onset confusion followed by generalized tonic–clonic seizures. What is the most appropriate immediate management?

Vitals	Labs
BP: 90/60 mm Hg	Serum sodium: 124 mEq/L
Pulse: 112/min	Serum potassium: 3.4 meq/L
RR: 24/min	BUN is 60 mg /dl
SpO ₂ : 96% on room air	S. creatinine 1.4 mg/dl
GCS: 9/15	

- a. Fluid restriction and oral salt tablet
- b. Slow correction of sodium over 48 hours at 4-6 mEq/L per 24 hours
- c. Slow correction of sodium over 48 hours at 8-10 mEq/L per 24 hours
- d. 3% saline bolus

18. 60-year-old man presents with chest pain for 4 hours radiating to left shoulder and sweating. Pulse: 100/min, BP 140/100 mm Hg. ECG is shown below. Diagnosis is?

- a. NSTEMI Anterior wall MI
- b. Inferior wall MI
- c. Posterior wall MI
- d. Lateral wall MI



19. Alcoholic is brought unconscious to ER. His wife tells that he was passing black color stools for past 2 days. RBS is 55 mg/dl and INR is 10. What should be next step in management of this patient?

- a. IV 25% dextrose + IV thiamine
- b. IV thiamine + IV 25% dextrose
- c. IV FFP and Lactulose via NG tube
- d. IV FFP and Vitamin K1 5 mg IV

20. You are caring for an unconscious patient in the intensive care unit. The patient is exhibiting signs of respiratory distress, including increased respiratory rate, use of accessory muscles and a decrease in oxygen saturation. He recently had episode of GI bleed. Which is correct about next step in his management

- a. Administering oxygen via nasal cannula at 2 liters per minute
- b. Placing the patient in a high Fowler's position
- c. Initiating non-invasive positive pressure ventilation (NIPPV)
- d. Insert Wide bore needle in 5th intercostal space

21. Patient with chest trauma has 500 mL bloody drainage in collection chamber in the last 2 hours. Which is correct next best step in management of this patient

- a. Arrange for instrument set for chest tube insertion
- b. Observation of drain amount per hour
- c. Initiate massive Blood transfusion
- d. Inform Surgeon

22. 8-year-old patient with a history of Type 1 diabetes mellitus presents to the emergency department vomiting and epigastric pain. RBS =300 mg/dl, urine dipstick is 4+ and ABG shows metabolic acidosis. Patient has thready pulse with circulatory failure. Which of the following is the most important priority nursing intervention in the initial management of this patient?

- a. Initiate fluid replacement with saline bolus
- b. Initiate fluid replacement with 1 liter of IV fluids and start IV regular insulin infusion.
- c. Check for urine ketones and initiate potassium replacement before fluids.
- d. Start oral insulin therapy once the patient becomes alert

23. A 25-year-old male presents with complaints of shortness of breath. Pulse is 100/min, BP 130/100 mmHg and RR 20/min. CXR shows cavity in right upper zone and echocardiography confirms a pericardial effusion. Sputum smear is positive for AFB. Which of the following is the most appropriate next step in management?

- a. Administering high-dose intravenous diuretics.
- b. Scheduling a planned pericardiocentesis for CBNAAT
- c. Perform an urgent pericardiocentesis
- d. Start ATT and monitor with serial echocardiogram

24. A 30-year-old woman presents with a history of shortness of breath and bilateral ankle oedema for past 3 months. Auscultation reveals a loud diastolic sound. Echo shows abnormal interventricular septal motion. Which of the following conditions is most likely responsible for these findings?

- a. Mitral stenosis
- b. Constrictive pericarditis
- c. Left atrial myxoma
- d. Pericardial tamponade

25. Multiple residents of same residential society present with jaundice and vomiting episodes for past 3 days after floods. On examination tender hepatomegaly is noted. Which of the following is first differential diagnosis

- a. Viral hepatitis
- b. Leptospirosis
- c. Scrub typhus
- d. Amoebic liver abscess

26. Which of the following is correct about RTA type 1?

- a. Hypocalciuria
- b. Metabolic acidosis with anion gap of > 12
- c. Aminoaciduria
- d. Urine pH of 9.4

27. 45-year-old woman with a history of Graves' disease presents to the emergency department with a fever of 103.1°F, palpitations, tremors, and severe agitation. On physical examination, she has a heart rate of 140 bpm, blood pressure of 160/100 mmHg, and a fine tremor in her hands. Lab results reveal elevated free T4 and suppressed TSH. Which of the following will be used in management of this patient?

- a. Rectal propylthiouracil
- b. Esmolol
- c. S.S.K.I
- d. Hydrocortisone

- 1. a, b
- 2. a, c
- 3. a, b, c
- 4. a, b, c, d

28. 45-year-old woman presented to the OPD with persistent abdominal pain, episodes of diarrhoea, and flushing. Laboratory tests reveal elevated serum calcium levels. A family history is notable for her sister having a parathyroid adenoma. Which of the following is the most likely diagnosis based on the clinical presentation and family history?

- a. Multiple endocrine neoplasia type 1
- b. Multiple endocrine neoplasia type 2
- c. Multiple endocrine neoplasia type 3
- d. Multiple endocrine neoplasia type 4

29. 35-year-old woman presented to the OPD with recurrent migraines that occur several times per month, significantly affecting her quality of life. She reports that headaches are often accompanied by nausea and sensitivity to light. She has been using sumatriptan for acute attacks, which provides relief but does not prevent the migraines. Which of the following medications is most appropriate for prophylaxis of her migraines?

- a. Sumatriptan nasal spray
- b. Acetaminophen
- c. Galcanezumab
- d. Oral sumatriptan

30. 45-year-old woman presents with symptoms of Cushing syndrome, including weight gain, hypertension, and glucose intolerance. Which of the following treatment options is considered the first-line approach for managing ACTH independent cushing syndrome ?

- a. Transsphenoidal resection of pituitary adenoma
- b. Adrenalectomy
- c. Radiation therapy
- d. Medical therapy with Metyrapone

31. 28-year-old right-handed man is brought to the ER after experiencing a brief episode of abnormal jerking movements of his right hand and face, followed by confusion lasting several minutes. His wife reports that he remained conscious during the episode but was unable to speak clearly. EEG shows focal epileptiform discharges in the left frontal region. Which of the following is the most appropriate initial pharmacological management for this patient?

- a. IV Lorazepam
- b. IV Valproate
- c. Oral Levetiracetam
- d. Oral Carbamazepine

32. 4-year-old boy is brought to the clinic by his parents because of difficulty in walking and frequent falls. His parents report that he uses his hands to push himself up from the floor. On examination, the child has pseudohypertrophy of the calves and a positive Gowers' sign. Which of the following is the most appropriate next step to confirm the diagnosis?

- a. Muscle biopsy
- b. Electromyography (EMG)
- c. CK-MM levels
- d. Gene sequencing

33. 22-year-old man presents with progressive weakness of both lower limbs for the past 3 days. He reports a recent episode of diarrhea about 2 weeks ago that resolved spontaneously. On examination, there is symmetric flaccid paralysis of both legs with absent deep tendon reflexes. Sensory examination is normal. Which if the following tests will be done next to confirm the diagnosis?

- a. Lumbar puncture for cyto-albuminocytological dissociation
- b. NCV for demyelination of peripheral nerves and nerve roots
- c. Stool ELISA for C. Jejuni
- d. Anti GM1 antibody titers

34. 72-year-old man is brought to the clinic by his daughter due to forgetfulness and difficulty managing daily tasks for the past 6 months. MMSE score is 22/30. Diagnosis is?

- a. Mild cognitive impairment
- b. Alzheimer disease
- c. Parkinson disease
- d. Huntington disease

35. Which of the following is correct about diagnosis of sepsis

- a. Rise of SOFA score > 2 points above baseline on serial examination
- b. SIRS plus 1 positive blood culture
- c. SIRS plus 2 positive blood culture
- d. SIRS plus BP < 90/60 mm Hg persisting for > 1 hour in spite of vasopressor support

36. 72-year-old woman presented with difficulty walking, frequent falls, and urinary incontinence. Her cognitive evaluation shows impairments in executive function and memory. Her gait is characterized by a wide base and shuffling step. What is the most likely diagnosis?

- a. Lewy Body Dementia
- b. Fronto-temporal dementia
- c. Normal Pressure Hydrocephalus
- d. Alzheimer's disease

37. Which of the following statements about Bell's palsy is false?

- a. Uprolling of eyeball on forcible closure of eye
- b. Inability to open the affected eye
- c. Corticosteroids are commonly used as part of the initial treatment
- d. Dribbling of saliva from corners of mouth

38. 30 year old lady presents with following skin lesions and difficulty in climbing stairs. CPK MM is elevated and MRI guided muscle biopsy reveals perimysial inflammation and perifascicular atrophy. Which antibody will confirm the diagnosis?

- a. Anti Mi-2
- b. Anti Ro antibody
- c. Anti Jo-1 antibody
- d. Anti MDA5



39. 63-year-old woman presented to the emergency department with a severe, unilateral headache that has been present for the past two weeks. She describes the pain as sharp, shooting, and intense, localized around the right side of her face. Along with the headache, she has a recent history of scalp tenderness and occasional vision changes. Which of the following is used for treatment?

- a. High flow oxygen @15L /min
- b. Rizatriptan
- c. Prednisolone
- d. Etorocoxib

40. 52-year-old man with a history of chronic liver disease presents to the clinic with confusion, lethargy, and involuntary flapping movements of his hands when his arms are extended. On examination, he is found to have asterixis. Which of the following is the most likely location of the lesion causing this symptom?

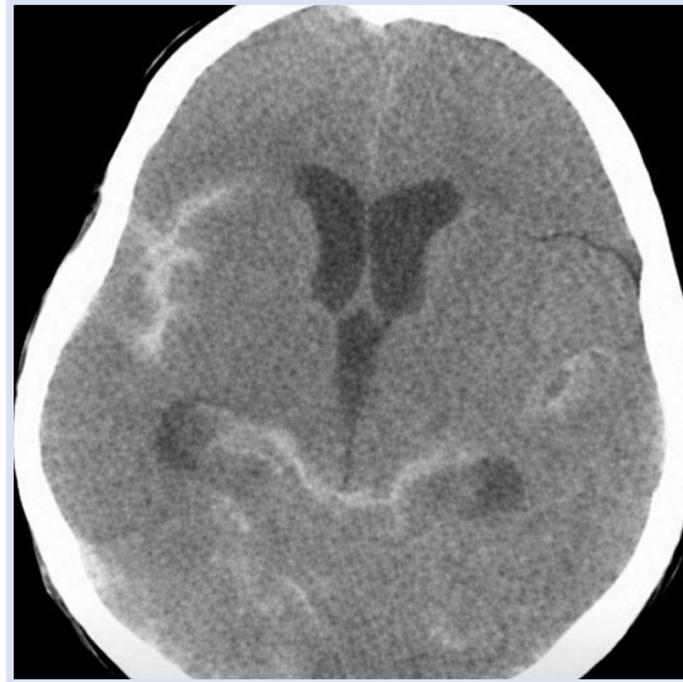
- a. Basal ganglia
- b. Cerebellum
- c. Cerebral cortex
- d. Caudate nucleus

41. 60-year-old man presents with weakness and decreased sensation in his legs. Neurological examination reveals absent deep tendon reflexes in both lower extremities. Which of the following conditions is not typically associated with absent deep tendon reflexes?

- a. Peripheral neuropathy
- b. Guillain-Barré syndrome
- c. Myasthenia Gravis
- d. Spinal cord injury

42. 30-year-old male patient was brought to the casualty with a history of road traffic accident. On CT brain imaging, the following image was seen. What is the most probable diagnosis in this patient?

- a. Intracerebral haemorrhage
- b. Subdural haemorrhage
- c. Subarachnoid haemorrhage
- d. Diffuse axonal injury



43. In a patient with a traumatic brain injury which of the following is the most ominous clinical finding and suggests impending brain herniation?

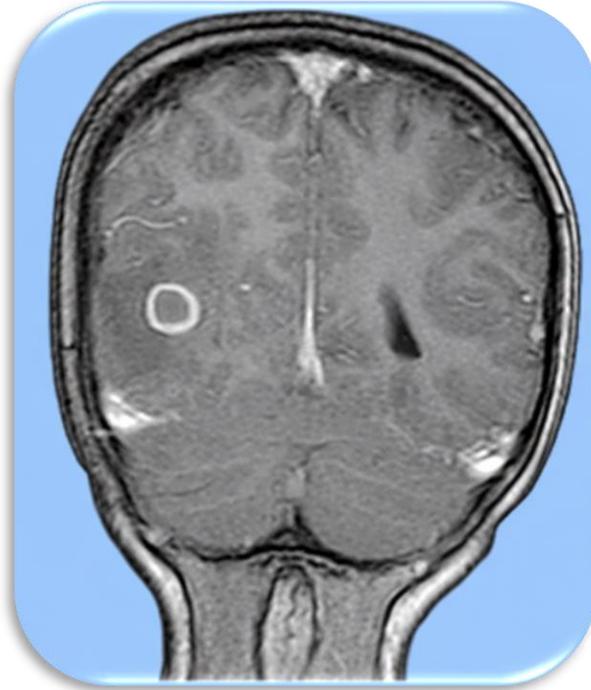
- a. Widened pulse pressure
- b. Bilateral extensor plantars
- c. Cheyne-Stokes breathing
- d. Unilateral dilated and sluggishly reactive pupil

44. A 55-year-old male presents with a headache that is worse in the morning, along with nausea and horizontal double vision that is more prominent when looking toward the right. On examination, he has bilateral papilledema. Which cranial nerve is most likely responsible for his double vision?

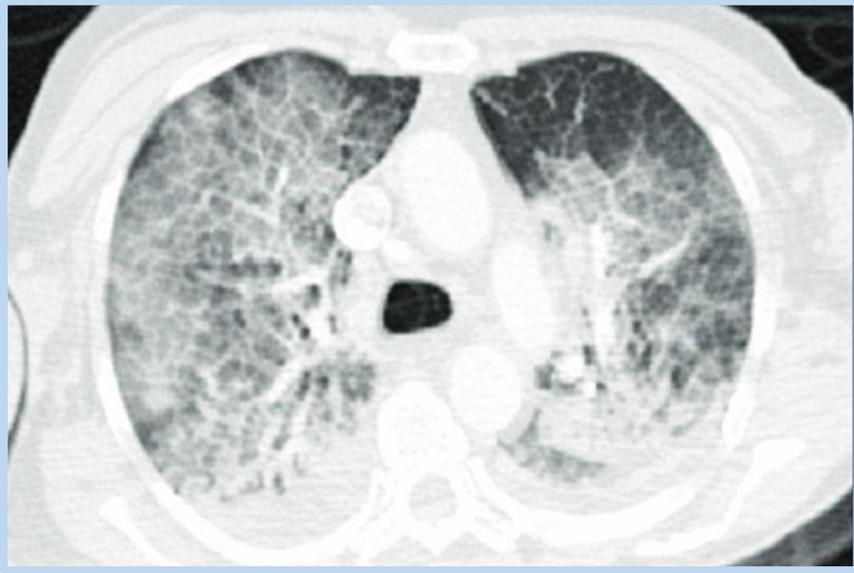
- a. Cranial nerve III
- b. Cranial nerve IV
- c. Cranial nerve V
- d. Cranial nerve VI

45. A 22-year-old man presents with daily headache for 3 weeks with new onset focal seizures. There is no fever or neck stiffness. MRI is shown below. What is the most likely diagnosis?

- a. Viral encephalitis
- b. Neurocysticercosis
- c. Tuberculoma
- d. Glioma



46. 68-year-old female patient is admitted to the intensive care unit with severe respiratory distress secondary to pneumonia. The medical team initiates management strategies to optimize oxygenation and minimize ventilator-induced lung injury. Which of the following management strategies is most appropriate for this patient?



- a. Use of high tidal volumes during mechanical ventilation
- b. Administration of high-flow nasal cannula oxygen therapy
- c. Implementation of a low tidal volume ventilation strategy
- d. Early use of corticosteroids

47. 68-year-old male with a history of purulent bronchorrhea that increases on change of posture. On examination clubbing is noted in both hands with bi-basilar crepitations in both lung fields. Clinical diagnosis is?

- a. Bronchiectasis
- b. Chronic bronchitis
- c. Lung Cancer
- d. IPF

48. Match the following occupational lung diseases with their corresponding HRCT findings

1. Silicosis	a. Pleural plaque and bloody pleural effusion
2. Asbestosis	b. Crazy pavement pattern
3. Anthracosis	c. Centrilobular, peri-lymphatic nodules

- a. 1-c, 2-a, 3-b
- b. 1-a, 2-c, 3-b
- c. 1-b, 2-a, 3-c
- d. 1-b, 2-c, 3-a

49. Match the following heart murmurs with their corresponding conditions

1. Aortic stenosis	a. Systolic ejection murmur
2. Mitral stenosis	b. Diastolic rumble
3. Mitral regurgitation	c. Holosystolic murmur
4. Pulmonary regurgitation	d. Early diastolic murmur

- a. 1-a, 2-b, 3-c, 4-d
- b. 1-d, 2-c, 3-a, 4-b
- c. 1-b, 2-c, 3-d, 4-a
- d. 1-a, 2-b, 3-c, 3-d

50. 25-year-old male presented to the emergency department 24 hours after a motor vehicle accident in which he sustained multiple long bone fractures. He now complains of shortness of breath, confusion, and petechial rash on his chest. His oxygen saturation is 88%, and arterial blood gas shows hypoxemia. What is the most likely diagnosis?

- a. Pulmonary embolism
- b. Fat embolism
- c. Pneumothorax
- d. Acute Respiratory Distress Syndrome

51. All of the following are features of heart failure except

- a. Weight loss of > 4.5 Kg over 5 days
- b. Bilateral pleural effusion
- c. Bilateral fine crepitations
- d. Swan Ganz catheter shows normal PCWP

52. 65-year-old man presents with progressive shortness of breath over the past year. On spirometry, his FEV₁/FVC ratio is 80%, and both FEV₁ and FVC are reduced. Post-bronchodilator testing shows no significant reversibility. Which of the following is the most likely diagnosis?

- a. Bronchial asthma
- b. Chronic obstructive pulmonary disease
- c. Idiopathic pulmonary fibrosis
- d. Bronchiectasis

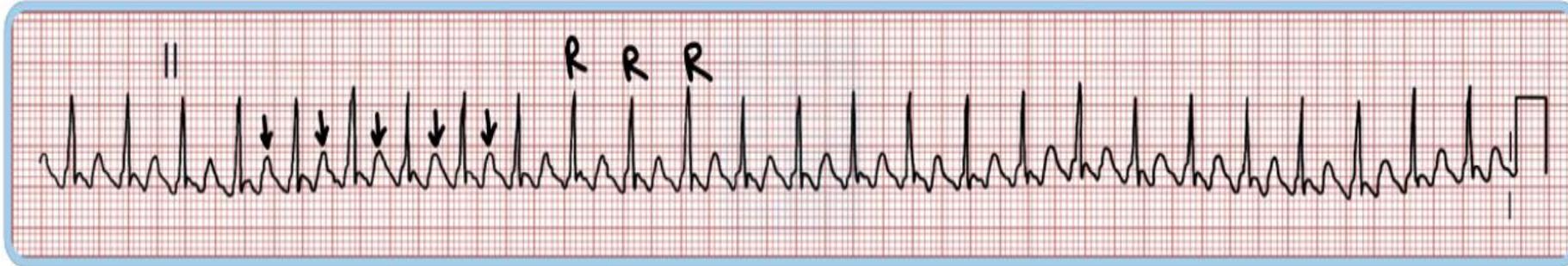
53. 52-year-old diabetic man, recently recovered from COVID-19, presents with facial pain, nasal congestion, and blackish discharge from the nose. He also reports blurred vision in the right eye. On examination, there is right-sided facial swelling, ophthalmoplegia, and decreased visual acuity. MRI of the brain and sinuses shows invasive fungal sinusitis extending into the orbit and cavernous sinus. Which of the following is the most appropriate next step in management?

- a. Start liposomal amphotericin B and monitor potassium and magnesium
- b. Start liposomal amphotericin B and urgent surgical debridement
- c. Start Micafungin and urgent surgical debridement
- d. Start voriconazole and urgent surgical debridement

54. All are causes of SAAG value < 1.1 g/dl except:

- a. Tuberculosis
- b. Nephrotic syndrome
- c. Budd chiari syndrome
- d. Peritoneal carcinomatosis

55. A 50-year-old COPD patient presents with palpitations and SOB. BP on admission is 100/70 mm Hg and repeated after 5 minutes is 90/60 mm Hg. Which is correct about this Rhythm strip



- a. 2:1 conduction
- b. Variable morphology of P waves
- c. DC shock is not recommended
- d. Adenosine is first line drug

56. A 58-year-old male smoker, recently diagnosed with small-cell lung carcinoma, presents with cough and shortness of breath. On examination, he is alert and oriented (GCS 15/15), vitals are stable, and he appears euvolemic. Laboratory tests show: Serum sodium: 120 mEq/L, Serum osmolality: 255 mOsm/kg, Urine osmolality: 650 mOsm/kg. Which of the following is the most appropriate initial management for this patient?

- a. 3% hypertonic saline bolus
- b. 3% hypertonic saline infusion
- c. Oral salt tablets with loop diuretics
- d. Tolvaptan

57. Which of the following scenarios will not lead to nephrogenic diabetes insipidus?

- a. Hypercalcemia
- b. Toxoplasmosis
- c. Laxative abuse
- d. Sickle cell anaemia

58. 15-year-old boy presents with periorbital edema, cola color discoloration of urine and oliguria. BP on admission is 160/100 mm Hg with Pulse 120/min and pedal edema 4+. Urine shows protein 2+ with 100 RBC/HPF. Diagnosis is?

- a. Post infectious glomerulonephritis
- b. Berger disease
- c. Minimal change disease
- d. Rapidly progressive glomerulonephritis

59. A tall, thin 22-year-old male suddenly develops left-sided chest pain and breathlessness while playing basketball. Examination reveals pulse 100/min, BP 110/70 mm Hg , peripheral cyanosis with hyperresonance and decreased breath sounds on the left side of chest. Best initial management?

- a. High-flow oxygen and observation
- b. Needle decompression in 5th intercostal space midaxillary line
- c. Chest tube insertion in 5th intercostal space midaxillary line
- d. Thoracotomy with pleurodesis

60. A 20-year-old woman complains of proximal muscle weakness and elevated CK. Her ANA is positive. EMG shows myopathic changes. What is the likely diagnosis?

- a. Rheumatoid arthritis with joint erosion and synovial hypertrophy
- b. Polymyositis involving endomysial inflammation and muscle fibers
- c. Fibromyalgia with widespread muscle pain and normal labs
- d. Dermatomyositis with increased risk of malignancy

61. A 55-year-old man presents with uric acid crystals in joint fluid and severe pain in the big toe. Which of the following is the best acute management?

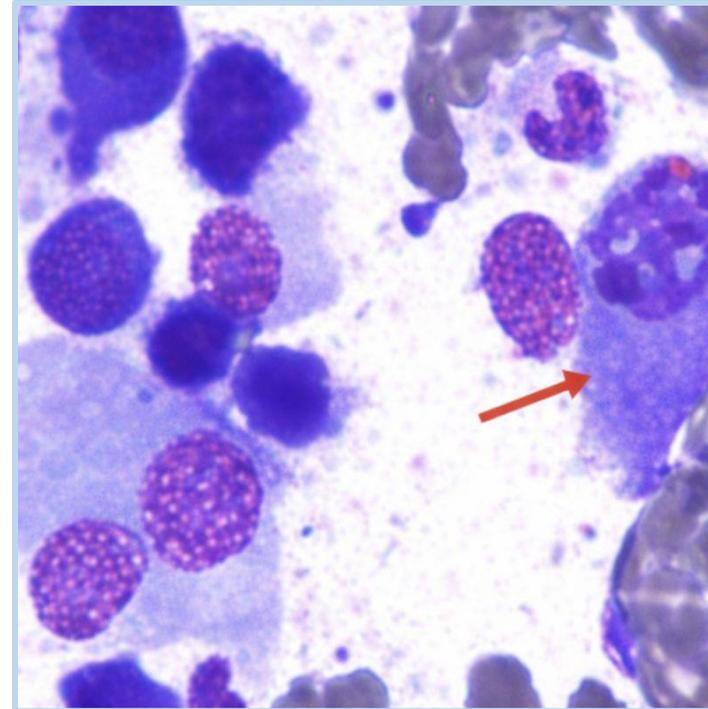
- a. Start indomethacin and long-term allopurinol
- b. Administer NSAIDs and colchicine for acute attack relief
- c. Intra articular steroid
- d. Oral steroids for one month

62. 62-year-old chronic smoker presents to the ER with nausea, vomiting, constipation, polyuria, and altered sensorium. On examination, he appears dehydrated. Labs show serum calcium of 14mg/dl. What is the first line treatment for this patient?

- a. Normal saline
- b. Calcitonin
- c. Bisphosphonates
- d. Oral phosphate

63. A 62-year-old man presents with chronic low backache for 4 months, worsening at night and not relieved by rest. He also complains of fatigue and recurrent infections. Labs show Hb 8.5 g/dL, serum calcium: 11.8 mg/dL, serum creatinine: 2.1 mg/dL, ESR: markedly elevated. Bone marrow study is shown below. Which of the following is correct about this condition?

- a. Low Anion gap
- b. Urinary protein electrophoresis shows increased albumin in urine
- c. Prognosis is determined by urinary A-beta2 transferrin
- d. Leading cause of death is autonomic dysreflexia



64. A 45-year-old diabetic with HbA1c of 10% is detected to have a low eGFR of 50 mL/min/1.73 m² on OPD visit. His Hb is 6 g/dL with normocytic normochromic anemia. Which of the following is the first-line approach for this patient?

- a. Oral iron
- b. Darbepoetin
- c. Roxadustat
- d. Blood transfusion

65. A 9-year-old boy presents with fatigue, pallor, and recurrent episodes of fever over the past month. On examination, he has generalized lymphadenopathy and mild hepatosplenomegaly. Labs show Hb: 8 gm%, platelet count = 50,000/cu.mm, Total leukocyte count: 85,000/mm³ and 80% lymphoblasts on peripheral smear. Which of the following is used in the pre-phase therapy of these patients?

- a. Rasburicase plus IV fluids
- b. Allopurinol plus IV fluids
- c. Dexamethasone plus vincristine
- d. IV fluids plus sodium bicarbonate for urinary alkalinization

66. A 25-year-old female with a previous history of rheumatic fever presents with shortness of breath. On examination, there is a loud S1, an opening snap, and a mid-diastolic murmur that increases in intensity on inspiration. Which of the following is the most likely valvular heart disease?

- a. Tricuspid stenosis
- b. Mitral regurgitation
- c. Mitral stenosis
- d. Aortic regurgitation

67. Which of the following complications can occur immediately after massive blood transfusion?

- a. Metabolic acidosis
- b. Hypokalemia
- c. Hyperkalemia
- d. Hypocalcemia

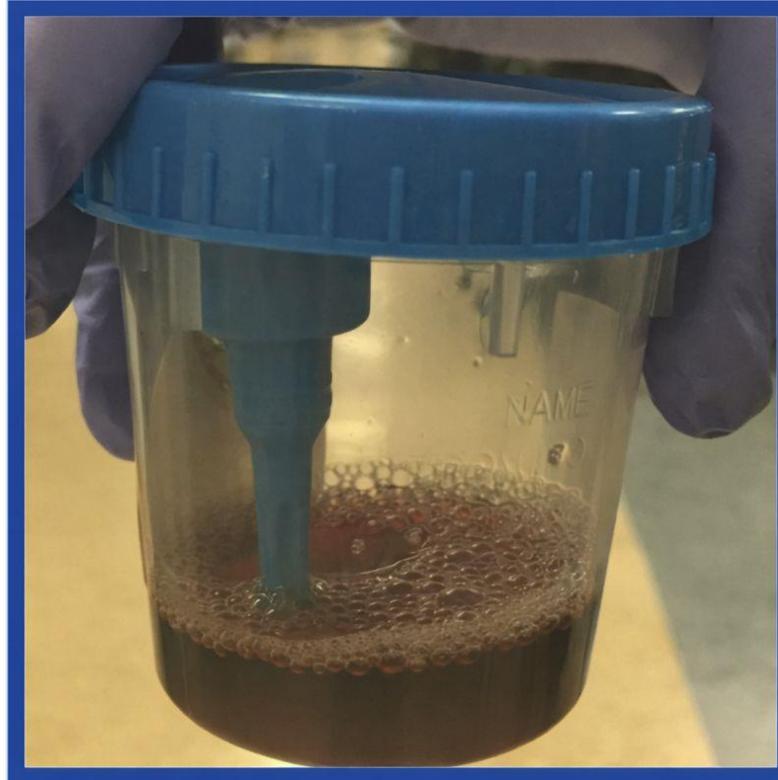
- a. a, d
- b. c, d
- c. a, c, d
- d. b, c, d

68. 6-month child is noted to have polyuria and failure to thrive. On assessment child is found to have severe hearing loss. Vitals Pulse: 80/min, BP 60/40 mm Hg with signs of dehydration. Work up shows metabolic alkalosis with hypokalaemia. Diagnosis is

- a. Bartter syndrome
- b. Gitelman syndrome
- c. Conn syndrome
- d. Dent disease

69. In a patient with electric burns and stable vital signs, red-colored urine is observed. What is the most likely finding in the patient's work up?

- a. RBCs in urine
- b. Increased creatine kinase levels
- c. Increased unconjugated bilirubin levels
- d. Increased serum calcium



70. A 40-year-old alcoholic presents with hematemesis and hemodynamic instability. He had previously tested UBT positive but had not taken treatment. On examination severe epigastric tenderness is noted. There is no pedal edema. Which of the following should be done in this patient after volume resuscitation.

- a. CT abdomen to look for gas under diaphragm
- b. Endoscopy
- c. Octreotide
- d. Octreotide and blackmore tube insertion

71. A 25-year-old male has diarrhea, abdominal cramps, weight loss, and non-caseating granulomas in the colon. What is the diagnosis?

- a. Ulcerative colitis with pancolitis and pseudopolyps
- b. Irritable bowel syndrome with no histological change
- c. Crohn's disease involving any GI segment with granulomas
- d. Amoebic colitis with flask-shaped ulcers

72. A 20-year-old girl presents with breathing difficulty at rest. On examination, enlarged cervical lymph nodes are palpated with rubbery consistency. Chest X-ray shows bilateral hilar lymphadenopathy. Biopsy reveals large cells with abundant cytoplasm and bilobed nuclei. Which of the following is correct about this condition?

- a. Stellate inclusions in cytoplasm
- b. Langhans type of giant cells
- c. Aberration in chromosome 9
- d. CD15 and CD30 negative

73. CHADS2-Vasc score is used for assessment of which of the following

- a. Need for oral anticoagulation
- b. Predict the chances of occurrence of stroke
- c. Diagnosis of stroke
- d. Diagnosis of Transient ischemic attack

74. Best treatment for Pneumonia patient admitted with CRB score of 2

- a. IV ampicillin -sulbactam with azithromycin
- b. IV Vancomycin
- c. IV piperacillin with tazobactam
- d. IV amoxicillin + IV azithromycin



75. 50-year-old female with arm weakness and unilateral ptosis that shows diurnal variation of symptoms that improve with activity. DTR are absent. Electrodiagnostic studies are awaited. First differential diagnosis is?

- a. M. Gravis
- b. LEMS
- c. AIDP
- d. CIDP

THANK YOU