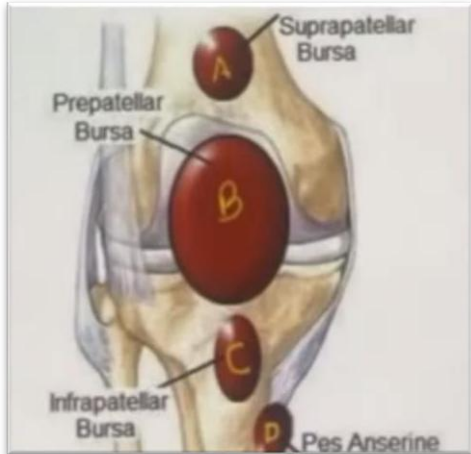


1. A patient presented after fall with out stretching of hands, on examination swelling and tenderness over the anatomical snuff box was noted, which bone involvement is responsible for this feature?

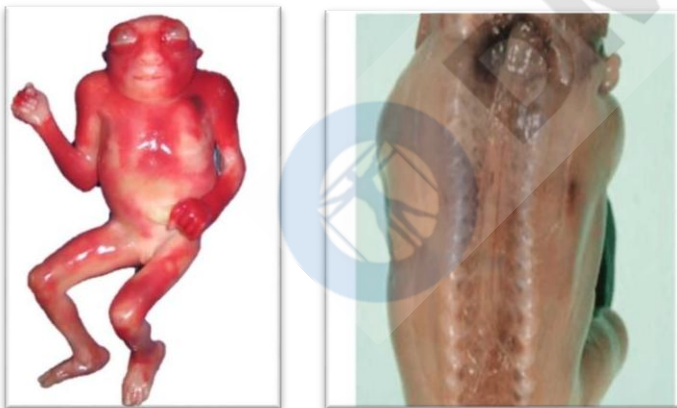
- A. Scaphoid
- B. Lunate
- C. Hamate
- D. Pisiform

2. Which of the following area is damaged in the case of house maids knee?



- A. A
- B. B
- C. C
- D. D

3. Identify the following abnormality shown in the image?



- A. Anencephaly meningocele
- B. Craniorachischisis
- C. Spina bifida
- D. Anencephaly

4. Ossification of Talus occurs at which month in intrauterine life ?

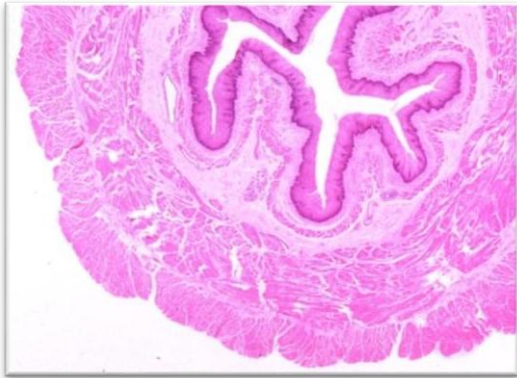
- A. Less than 3 months
- B. 3-5 months
- C. 7 months
- D. 9 months

5. A patient who suffers damage to skull and presents with features of EDH, where will be the impact of collision?

- A. Pterion
- B. Gabella

- C. Occiput
- D. Mastoid

6. Esophagus doesn't have which of the following layer ?



- A. Mucosa
- B. Submucosa
- C. Muscularis propria
- D. Serosa

7. A patient came to the OPD with complaints of loss of taste sensation from anterior 2/3rd of tongue and general loss of sensation from the floor of mouth. Which nerve is most likely damaged?

- A. Hypoglossal nerve
- B. Auriculotemporal nerve
- C. Inferior alveolar nerve
- D. Lingual nerve

8. A patient has a swelling below ear and is complaining of pain in the ear lobule. There is also difficulty closing eyes completely. Which nerve is likely involved in the mentioned pathology?

- A. GAN
- B. Facial nerve
- C. Vagus
- D. Auriculotemporal nerve

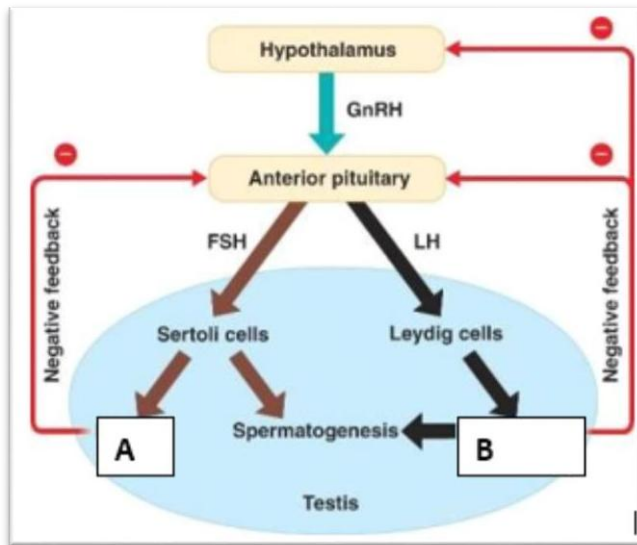
9. A patient presented with the difficulty in shrugging the shoulders, which of the following nerve is injured in this case ?

- A. Long thoracic nerve
- B. Suprascapular nerve
- C. Accessory nerve
- D. Axillary nerve

10. Which of the following hormone is responsible for galactokinesis is ?

- A. Prolactin
- B. Oxytocin
- C. Estrogen
- D. FSH

11. The marked structure secretes which of the following ?



- A. Inhibin and testosterone
- B. Testosterone and inhibin
- C. Estrogen and progesterone
- D. Progesterone and inhibin

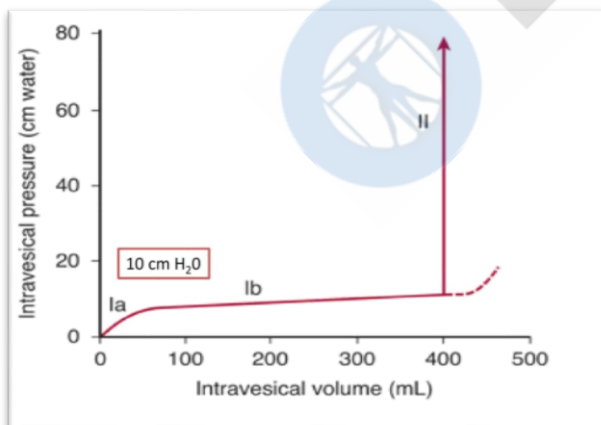
12. Which of the glucose transporter is present in the contraluminal side?

- A. SGLT 1
- B. SGLT 2
- C. GLUT 2
- D. GLUT 4

13. Some medical students are planning a trip to high altitude area as they want to study effects of acclimatization in high altitude. What of the following is not seen in high altitude during acclimatization?

- A. Increase in Hb
- B. Increased myoglobin
- C. Decreased ventilation
- D. Angiogenesis

14. In the following graph what does phase 1b represent?



- A. Elasticity
- B. Automaticity
- C. Plasticity
- D. Contractility

15. ADH is synthesized from?

- A. Supra-optic nuclei
- B. Posteromedial nuclei
- C. Neurohypophysis
- D. Adenohypophysis

16. When we stand upright from a sitting position, by what mechanism tachycardia occurs in a physiological setting?

- A. **Passive stretch causes decreased firing to carotid body leading to tachycardia**
- B. Passive stretch causes increased firing to carotid body leading to tachycardia
- C. Increased venous return causes tachycardia
- D. Decreased venous return causes tachycardia

17. A few days after birth, a neonate suddenly becomes lethargic and starts refusing breast feeding and vomits during forced breast feeding. The child is suffering from jaundice. Mother also states that the baby had developed diarrhoea on the 3rd day. Urinary Benedict's test is positive. Clinical examination reveals that the child has presented with oil drop cataract. What is the most likely diagnosis?

- A. Von Gierke's Disease
- B. Primary lactose Intolerance
- C. Secondary Lactose Intolerance
- D. **Classical Galactosemia**

18. Mr. X., a chronic alcoholic middle aged elderly male was rushed to a clinic accompanied by wife with generalized weakness and lethargy. The wife also adds that her husband recently started telling vague stories about his past and sometimes refuses to recognize her as his wife. On examination, intern on duty elicits global confusion, to and fro movement of eyeball, failure of hand and eye coordination with difficulty in walking in a straight line. What is the most specific emergency/immediate management for this patient?

- A. **Injection of Vitamin B1**
- B. Injection of Vitamin B2
- C. Injection of Vitamin B9
- D. Injection of Vitamin B12

19. Oxaloacetate is derived from which of the following amino acids

- A. **Aspartate**
- B. Cysteine
- C. Lysine
- D. Alanine

20. A 65-year-old man with coronary artery disease comes to the physician for a follow-up examination. He is 183 cm (6 ft) tall, and weighs 84 kg, BMI is 25 kg/m². His blood pressure is 130/80 mm Hg. Serum studies show a glucose concentration of 95 mg/dL and homocysteine concentration of 19.3 µmol/L (N= 5-15). Serum lipid concentrations are within the reference range. Which of the following enzyme deficiency is most likely to be found in this patient?

- A. Homogentisate Oxidase
- B. HGPRTase
- C. **Cystathionine beta synthase**
- D. Cystathionine gamma synthase

21. A child who accompanied his father to a fish farming area in his hometown accidentally ingested an odourless & colourless compound. The person was under some medication and post meal, he developed toxicity of the drug. Which of the following combinations correctly describes the condition in this case:

- A. **Antimycin A ---- > Complex III**
- B. Rotenone ----- > Complex II
- C. BAL----- > Complex III
- D. Cyanide ----- > Complex IV

22. Which of the following mineral deficiencies presents with alopecia, dermatitis, loss of appetite and diminished healing?

- A. Iron
- B. Calcium
- C. Chromium
- D. **Zinc**

23. Fluorouracil is converted to its active form after administration of the drug, which further leads to destruction of the cells. Which of the following type of inhibition best describes this mechanism?

- A. **Irreversible Inhibition**

- B. Allosteric Inhibition
- C. Uncompetitive Inhibition
- D. Reversible inhibition

24. Which of the following vitamin deficiencies is most likely to report delayed wound healing and increased frequency of gum bleeding?

- A. Vitamin B6
- B. Vitamin B12
- C. **Vitamin C**
- D. Vitamin A

25. Which of the following is present in mitochondria?

- A. **Cardiolipin**
- B. Lecithin
- C. Plasminogen
- D. Phosphatidylserine

26. Which of the following facilitates cholera toxin entry through intestinal mucosa?

- A. **GM 1 ganglioside**
- B. GM2 ganglioside
- C. GM3 ganglioside
- D. Cephalin

27. Which of the following organelle has its own DNA?

- A. **Mitochondria**
- B. RER
- C. Lysosomes
- D. Peroxisomes

28. Which of the following mineral is best known for insulin stabilization?

- A. **Zinc**
- B. Copper
- C. Cadmium
- D. Iron

29. Which of the following is the rate limiting enzyme of heme synthesis?

- A. δ ALA Dehydratase
- B. **δ ALA synthase**
- C. Ferrochelatase
- D. HMB synthase

30. A patient complaining of diarrhea since few days, it is reported to have falling leaf like motility, the structure shows 4 pair of flagella. Identify the organism?

- A. **Giardia lamblia**
- B. Trichomonas vaginalis
- C. Isospora
- D. Treponema

31. A patient suffering with a fungal infection, upon culture pencil shaped macroconidia are seen with red pigment, what is the likely organisms?

- A. **Trichophyton**
- B. Microsporum
- C. Epidermophyton
- D. Aspergillus

32. A patient was admitted for treatment of bacterial infection, upon taking history patient confirms being tested for penicillin allergy and says there was no reaction earlier, when penicillin was he started to develop the haemolytic anemia. Which hypersensitivity reaction best describes the condition?

- A. Type 1 HS
- B. Type 3 HS
- C. **Type 2 HS**
- D. Type 4 HS

33. Patient reported with food poisoning and diarrhea after oyster consumption, showing kanagawa phenomenon, what is the causative organism?

- A. E.coli
- B. **Vibrio parahaemolyticus**
- C. Salmonella
- D. Staphylococcus aureus

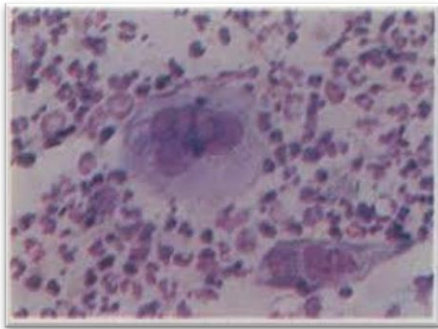
34. A neonate is admitted with features suggesting meningitis, bacteria isolated turns out bacitracin resistant CAMP positive. What is the correct etiology?

- A. **S. agalactiae**
- B. S.viridans
- C. Staphylococcus
- D. S. pyogene

35. A patient admitted in ward reports as Weil felix test is positive along with OX-19 positive and OX-K negative ,What is the organism responsible?

- A. **Rickettsia prowazeki**
- B. Rickettsia typhi
- C. Bartonella henslae
- D. Mycoplasma

36. A patient presented with vesicles on vulva, following is the giemsa staining. Which of the following is seen?



- A. Mast cells
- B. Neutrophils
- C. **Multinucleated giant cells**
- D. Clue cells

37. All are exotoxin mediated conditions except?

- A. TSS
- B. HUS
- C. **Acute bacterial meningitis**
- D. Pseudomembranous colitis

38. Bacillus anthracis comes under which bioterrorism category?

- A. **Category A**
- B. Category B
- C. Category C
- D. Category D

39. A boy who presented with rashes all over his face, trunk, palm and soles. His brother had similar symptoms and few days earlier some foreigners had reportedly visited the village. What is the likely diagnosis?

- A. Chicken pox
- B. Measles
- C. **Monkey pox**
- D. Rubella

40. A patient presented with infective endocarditis 6 month after prosthetic valve implantation. What is the likely causative agent?

- A. **Staph epidermidis**
- B. Pseudomonas aeruginosa

- C. Streptococcus viridans
- D. E.coli

41. HIV patient suffering with diarrhea , which among the following will be used for identification of organism?

- A. Modified ZN staining
- B. Iodine mount
- C. Gram staining
- D. SDA

42. Rheumatic fever is caused by which class of organisms?

- A. Group A streptococcus
- B. Group B streptococcus
- C. Staphylococcus
- D. Enterococcus

43. Which among the following is an antidote for benzodiazepine toxicity?

- A. Naloxone
- B. Flumazenil
- C. Flunitrazepam
- D. Buspirone

44. A child presented with history of multiple recurrent blood transfusions, what is the management of choice for treating the iron overload in this child ?

- A. Deferoxamine
- B. Deferipirone
- C. BAL
- D. Magnesium sulphate

45. A young male was brought in a drowsy state, having ataxia and blurred vision with a history of alcohol intake. Which of the following is used to treat the patient?

- A. Ethanol
- B. Morphine
- C. Fomepizole
- D. Naltrexone

46. HIV+ mother who was not on any treatment gave birth to a boy, how should be the newborn treated?

- A. Nevirapine only for 6 months
- B. Nevirapine + zidovudine for 6 weeks
- C. Zidovudine only for 6 weeks
- D. Nevirapine only for 6 weeks

47. A group of friends planned a trip to Ladakh, on their journey they started feeling dizzy and complained of headache and nausea. What should be the drug of choice for treating the patients?

- A. Sumatriptan
- B. Acetazolamide
- C. Doxylamine
- D. Scopolamine

48. A patient who is on lithium therapy for a long period of time, all of the following are known side effects except?

- A. Tremors
- B. Diabetes insipidus
- C. Tardive dyskinesia
- D. Hypothyroidism

49. In carcinoma cervix, which of the following chemotherapeutic agent is used?

- A. Cyclophosphamide
- B. Cisplatin
- C. Methotrexate
- D. Paclitaxel

50. Which of the following is the drug of choice for CMV retinitis?

- A. Cotrimoxazole

- B. Tenofovir
- C. Ganciclovir**
- D. Valacyclovir

51. An elderly male complaining of urinary hesitancy and retention arrived in emergency room, on further investigation ultrasound revealed residual volume of 130ml. which of the following drugs can be given to the patient?

- A. Calcium channel blockers
- B. 5 alpha reductase inhibitors**
- C. ACE inhibitors
- D. GnRH agonist

52. What is the mechanism of action of bedaquiline?

- A. Mycolic acid synthesis inhibition
- B. ATP synthesis inhibition**
- C. Protein synthesis inhibition
- D. Reverse transcriptase enzyme inhibition

53. An asthmatic patient presented to a clinician with symptoms of acute gout. Without taking a proper history doctor prescribed aspirin. The patient later developed symptoms of breathlessness. How is the pathogenesis explained?

- A. PG's induced bronchoconstriction.
- B. Aspirin inhibits Lox
- C. Inhibition of leukotrienes
- D. Aspirin induced overexpression of leukotrienes**

54. A patient with symptoms of depression was on treatment, and on a party he took some wine, this induced a well known cheese like reaction in the patient, which among the following drugs was the patient using?

- A. Amitriptyline
- B. Venlafaxine
- C. Phenelzine**
- D. Fluoxetine

55. A patient suffering with pheochromocytoma is planned to undergo surgical resection of tumor, which class of drugs shall be used pre-operatively?

- A. Alpha adrenergic blockers**
- B. Muscarinic agonists
- C. ACE inhibitors
- D. Beta adrenergics

56. Female patient having PPH was already treated with oxytocin and ergotamine but didn't show any improvement, what is the next drug in line which can be effective?

- A. Carboprost**
- B. Misoprostol
- C. Alprostadil
- D. Mifepristone

57. Which of the following drugs is not recommended by CDC for treatment of bacterial vaginosis?

- A. Metronidazole
- B. Clindamycin
- C. Tinidazole
- D. Erythromycin**

58. A child brought to the emergency with fever and features of status epilepticus, the parents give history of similar episodes in past, which among the following is least relevant in such a case?

- A. History of fever
- B. History of any other drug being used which can cause some interaction
- C. History of compliance to treatment

D. ?

59. A 5 year old child was brought to the OPD with complaints of decreased vision and squint, to do a successful dilatation which of the following is best used?

- A. Atropine ointment 1%
- B. Tropicamide 1%
- C. Timolol
- D. PG analogue

60. What is the correct protocol for pulmonary tuberculosis with effusion in children?

- A. 4HRZE+2HR
- B. 4HRZE+2HRE
- C. 2HRZ+4HRE
- D. 2HRZE+2HR+ steroids

61. All of the following are the side effects results from the toxicity of cisplatin except ?

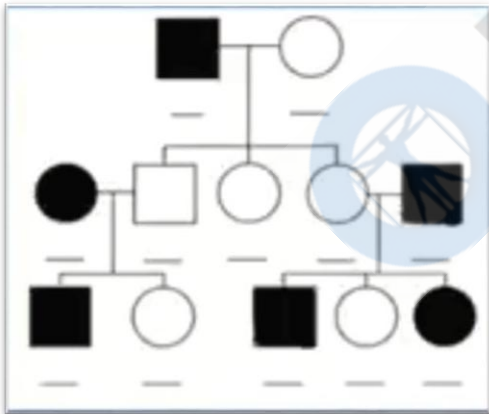
- A. GIT features
- B. Nephrotoxicity
- C. Cardiotoxicity
- D. Respiratory toxicity

62. Which antiemetic causes facial neuralgia?

63. All of the following must be avoided in celiac sprue except?

- A. Wheat
- B. Rice
- C. Oats
- D. Sooji (Semolina)

64. Identify the pattern of inheritance from the image given



- A. Autosomal dominant
- B. Autosomal recessive
- C. X linked Dominant
- D. X linked recessive

65. A pregnant woman who has thalassemia trait and her husband also has thalassemia trait, how much chance does the next offspring have the disease ?

- A. 100%
- B. 50%
- C. 25%
- D. 75%

66. What type of amyloidosis is seen in patients with hemodialysis?

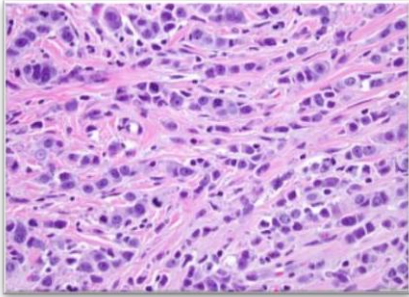
- A. Amyloid beta protein

- B. ATTR
- C. Amyloid beta 2 protein**
- D. Acal

67. An adult male patient presents with complaints of respiratory discomfort, on HPE examination of BAL, asteroid bodies were seen with non caseating granulomas. Which among the following is the diagnosis?

- A. Sarcoidosis**
- B. SLE
- C. RA
- D. TB

68. An adult female with complaints of breast lump growing in size, on HPE it shows the following and genetic analysis reveal loss of E-cadherin. What is the diagnosis?



- A. Ductal carcinoma
- B. Lobular carcinoma**
- C. Medullary carcinoma
- D. Mucinous carcinoma

69. A child was brought to the clinic with complains of smoky urine and hematuria. Urine examination revealed no WBC, occasional RBC cast were seen and RBC>20 hpf. What is the presumptive diagnosis?

- A. Membranous glomerulonephropathy
- B. Wilm's tumor
- C. PSGN**
- D. Minimal change disease

70. An elderly male with history of back pain comes to opd, on further evaluation bony lytic lesions are seen, there is increased serum calcium and Xray skull shows punched out lytic lesions. What is the cells responsible for this diagnosis?

- A. Langerhan cell s
- B. Plasma cells**
- C. Esinophills
- D. Mast cells

71. Patient complains of solitary thyroid mass, which on further investigation revealed shows increased calcitonin. What is the diagnosis?

- A. Papillary thyroid carcinoma
- B. Medullary carcinoma thyroid**
- C. Anaplastic carcinoma
- D. Follicular carcinoma thyroid

72. Which of the following is not true regarding the most common type of thyroid cancer?

- A. 98% survival
- B. Risk of radiation
- C. Associated with calcitonin**
- D. It is seen in young individuals

73. In a karyotype of 47XXY, which of the following is false?

- A. Azoospermia
- B. Gynecomastia
- C. Decreased FSH**
- D. Decreased testis size

74. Primary effusion lymphoma causing in HIV patients is in direct relation with which of the following ?

- A. HIV
- B. HHV8**
- C. EBV
- D. HPV

75. Which of the following is seen in case of reversible cell injury except ?

- A. Myelin figures
- B. Amorphous densities**
- C. Nuclear shrinkage
- D. Cell membrane bulging

76. A patient presented with the history recurrent chronic infections followed by the diagnosis of bronchiectasis and infertility, what is the pathology behind this condition?

- A. Ciliary damage**
- B. Microtubule damage
- C. Flagella disorder

77. A patient went missing recently and found to be dead, his body was recovered, relatives informed that he had a tattoo, but on autopsy no tattoo was seen, To identify the presence of tattoo which organ you will evaluate ?

- A. Spleen
- B. Lymph node**
- C. Liver
- D. Kidney

78. A 65 year old man with a history of chronic alcohol use presents to his primary care clinic. Now he is admitted with features of confusion, vision loss and unsteady gait. He cannot recall about the recent events. What is the vitamin responsible for this feature s?

- A. Thiamine deficiency**
- B. Riboflavin deficiency
- C. Folate deficiency
- D. Ascorbic acid deficiency

79. A 10 year old child committed a crime, The police want to confirm the age of the child, How many permanent and temporary teeth you will see in a case of a 10 years old child

- A. 20 and 4**
- B. 16 and 8
- C. 8 and 16
- D. 12 and 12

80. A mother complaints about her missing child, Now police found a found and asks her to bring the family photo and compare with the found skull found, what is the method is being used here ?

- A. Superimposition**
- B. X ray imaging
- C. Chelioscopy
- D. Rugoscopy

81. A female presented with 24 weeks of pregnancy, MTP can be done in this case if there is a association of ?

- A. Rape
- B. Contraceptive failure
- C. Fetal malformation**
- D. Minor

82. A case of gunshot injury was reported on examination a stellate wound with everted margins along with deposition of gun power inside with smudging of hair with the presence of muzzle imprint, what is the range of the injury shown here ?

- A. Contact shot**
- B. Near shot
- C. Distant shot
- D. Close shot

83. A person working in a construction suddenly a hammer fallen down and it shows the following type of fracture



- A. Depressed fracture
- B. Simple fracture
- C. Communitied fracture
- D. Pots fracture

84. A dead body was recovered from a drowning site , on examination the victim has the following features , what is the cuts which is responsible for this features ?



- A. Self inflicting cuts
- B. Defensive wounds
- C. Homicidal wounds
- D. Accidental cuts

85. A female presented with 21 weeks of pregnancy with features suggestive of meningomyelocele, for termination of pregnancy consent of whom and how many doctors opinion is needed ?

- A. Patient consent with opinion of 1 doctor
- B. Patient consent with opinions of 2 doctors
- C. Husband consent with opinion of 1 doctor
- D. Husband consent with opinion of 2 doctors

86. A patient presented with features of lead poisoning , what is the sample you will take to asses the level of lead in the body ?

- A. Blood
- B. Urine
- C. Saliva
- D. CSF

87. A intern was measuring the postmortem caloricity, identify the type of graph seen in this case?

- A. Sigmoid
- B. Hyperbola
- C. Parabola
- D. Steep

88. As a post coital contraceptive all can be given except?

- A. LNG 0.75 mg 2 tablet stat within 72 hours
- B. EE 50mcg 2 tablet stat, 2 tablet after 12 hours
- C. Mifepristone 50 mg stat within 72 hours

D. Centchroman 2 tablet stat

89. 32 year male presented to the emergency following severe crush injury on hand. He had received last TT injection at the age of 25 years. After proper wound cleaning is done. What is the next step in management?

- A. **TT only**
- B. Td with Ig
- C. Td only
- D. TT with Ig

90. Number of live births/1000 reproductive female is known as

- A. TFR
- B. **GFR**
- C. GRR
- D. NRR

91. A company bought a huge number of drugs, after proper evaluation the drugs turned out to be expired. How and where should be the drugs discarded?

- A. **Yellow-incineration**
- B. Red- burial
- C. Yellow-disinfection
- D. Red-incineration

92. Which of the following is true regarding 6*6*6 anemia mukt bharat program?

- A. **Interventions, beneficiaries, institutions**
- B. Institutions, beneficiaries, Indications
- C. Interventions, beneficiaries, Indications
- D. Interventions, Referrals, Indications

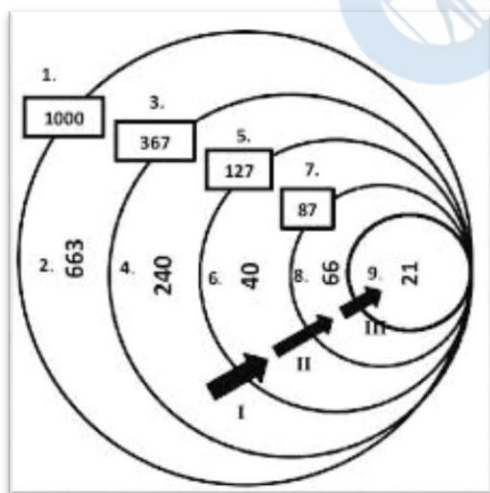
93. PHC type A includes how many deliveries per month?

- A. >20
- B. **<20**
- C. >30
- D. <15

94. Which of the following is not included in urban health are system?

- A. DH
- B. CHC
- C. **Sub center**
- D. PHC

95. Which of the following is true about the smallest circle present in the image?



- A. Total population
- B. Population suffering with hypertension
- C. Hypertensive population on treatment
- D. **Hypertensive population adequately treated**

96. 10 year old boy is brought to the OPD, on general examination he looks pale and malnourished, he has low height for age and Z line score is under – 2 SD. How do you define the case

- A. Wasted
- B. Stunted**
- C. Malnourished
- D. SAM

97. In an area with endemic Vitamin A deficiency, what is the prophylactic dose of vitamin A for a 1-6 year old boy?

- A. 1 lac/6 month
- B. 50,000/ 6 month
- C. 2 lac/ 1 year
- D. 2 lac/6 month**

98. HIV positive patient with a CD4 count of >100, among the following he is at risk of developing which infection?

- A. Candida
- B. PJP
- C. MAC**
- D. CMV

99. Which of the following is correct regarding STEP criteria regarding drugs?

- A. Related to volume of distribution of drugs
- B. Related to clinical trials of drugs
- C. Related to metabolism of drugs
- D. Related to P-drug concept**

100. What is the goal for MMR according to the SDG 2030?

- A. <70/1 lac**
- B. <80/ 1 lac
- C. <60/1 lac
- D. <50/1 lac

101. A child presented to the clinic with history of cough, coryza, conjunctivitis and fever. There is fever and rash which arises behind the ears and is spreading all over chest, back and abdomen. What is the diagnosis?

- A. Measles**
- B. Rubella
- C. Dengue
- D. Chicken pox

102. While doing an experiment, 39 was highest number but it was mistaken for 93. How will it affect the calculation?

- A. Mean increases, median increases
- B. Mean increases, median no change**
- C. Mean no change , median increases
- D. Mean decreases, median decreases

103. A patient reports loss of sensations to cold, hot, touch and pain stimuli. What is the likely diagnosis?

- A. TB
- B. Leprosy**
- C. Cerebral palsy
- D. Psoriasis

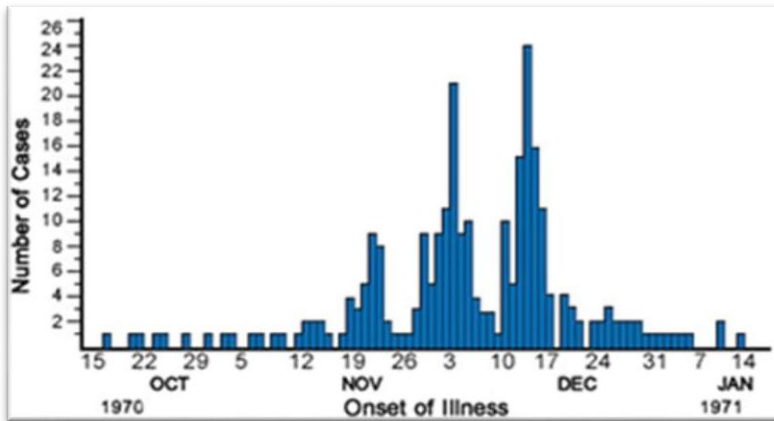
104. A 5 year old patient was brought to OPD with complaints of loose stools, the child looked severely dehydrated, hypotensive, lethargic and had tachypnea. What will be your management?

- A. ORS 100ml/kg for 4 hours
- B. ORS 100ml/kg for 6 hours
- C. IV infusion with normal saline**
- D. Ringer lactate

105. IOC for TB diagnosis in a HIV positive patient is?

- A. AFB stain
- B. LPA
- C. **CBNAAT**
- D. LJ medium

106. Identify the type of epidemic?



- A. Continuous point source outbreak
- B. Intermittent common source outbreak
- C. **Propogated common source outbreak**
- D. Propogative intermittent outbreak

107. Protein requirement of a 55 kg female is ?

- A. **45gm**
- B. 54gm
- C. 38gm
- D. 68gm

108. Which international agency funded the flushes in toilet construction in India?

- A. Rockefeller
- B. CARE
- C. USAID
- D. **FORD**

109. A 12 year old girl not registered in any school is undergoing malnutrition, she has low Hb and belongs to low socioeconomic status. Under which of the following program/scheme will this girl get nutritional benefit?

- A. **ICDS**
- B. Mid day meal
- C. JSSY
- D. RBSK

110. School health program comes under which program?

- A. **PHC**
- B. CHC
- C. DH
- D. Sub centre

111. What are components of Ottawa charter?

- A. Develop professional skills
- B. Build healthy public policy
- C. Create supportive environment
- D. **Build new Health centres**

112. According to WHO, which of the following MAC values belong to SAM?

- A. **<11.5**
- B. <12
- C. <13.5
- D. <11

113. Which of the following is not true about Ayushman bharat scheme ?

- A. Rs 5 lakh per family per year is given
- B. Applied nutrition program
- C. **Rs 10 lakh per family per year is given**
- D. Formation of health and wellness centers

114. 50,00 Rs budget is for purchase of 3 types of drugs ,35,000 Rs for A drugs, 10,000Rs for B drugs and rest of C and drugs ,what is the type of analysis used here ?

- A. Network analysis
- B. Systema analysis
- C. **ABC analysis**
- D. VED analysis

115. An infant was brought to the OPD with complaints of noisy breathing, the stridor was reported to improve on lying supine. The image of the airway is given below. What type of stridor is the patient suffering from?



- A. **Inspiratory**
- B. Expiratory
- C. Biphasic
- D. Positional

116. Bulla ethmoidalis drain in which of the following?

- A. **Middle meatus**
- B. Superior meatus
- C. Inferior meatus
- D. Sphenothmoidal recess.

117. A neonate born is reportedly having difficulty breathing, his symptoms improve with crying. What is true about the condition?

- A. Start neonatal resuscitation
- B. Intubate the patient
- C. Give IV antibiotics
- D. **Mc Govern technique is the immediate management**

118. Which among the following is known as artery of epistaxis?

- A. **Sphenopalatine artery**
- B. Anterior ethmoidal artery
- C. Maxillary artery
- D. Posterior ethmoidal artery

119. A child is brought to the OPD with sudden onset of breathlessness. There is no significant history given by the parents. What is the most likely diagnosis?

- A. **Foreign body obstruction**
- B. Acute epiglottitis
- C. Croup
- D. Pneumonia

120. A 54 year old male presented with nasal obstruction. On examination there is an irregular mass on the posterior wall of nasopharynx, What is the diagnosis?

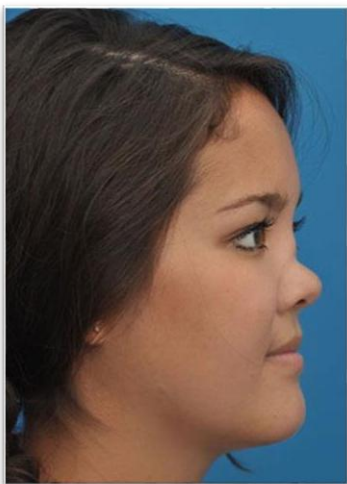
- A. Thornwaldt's cyst

- B. Hypertrophic rhinitis
- C. Antrochonal polyp**
- D. Rhinoscleroma

121. 3 year old child with features of adenoid hypertrophy. What is your management among the following options?

- A. Adenoid resection
- B. Adenoid coablation**
- C. Cauterization
- D. Microdebridatation

122. A female presented with the following nose deformity, which of the following is not a cause for it ?



- A. Wagner's granulomatosis
- B. Lupus vulgaris**
- C. Syphilis
- D. Trauma

123. A 43 year old male comes with a diagnosis of NLD block, what is the treatment of choice for the same ?

- A. Massaging
- B. Probing
- C. Syringing
- D. DCR**

124. A patient is presenting with features of hearing his own voice ,on examination TM is normal and moves with respiration, what is the diagnosis ?

- A. Multiple sclerosis
- B. Weight loss**
- C. Meningioma

125. Drug used in Facial nerve palsy is

- A. Acyclovir**
- B. Ceftriaxone
- C. Prednisolone
- D. Naproxen

126. A patient presented with the long standing Iron containing Foreign body , which of the following can be seen?

- A. KF Ring
- B. Sunflower cataract
- C. Pilacasis
- D. Sidrosis bulbi**

127. A patient has a field defect where he cannot see on the left side from the left eye and the left side from the right eye but has preserved central vision. What is the visual field defect?

- A. Heteronymous hemianopia
- B. homonymous hemianopia with macular sparing**
- C. homonymous hemianopia
- D. quadrantanopia

128. What is the muscle responsible for Levo depression

- A. Left IR right SO**
- B. Right IR left SO
- C. left SO right IR
- D. left MR right IO

129. What is the most common intraocular malignancy in adults ?

- A. Retinoblastoma
- B. Choroidal melanoma**
- C. Metastases
- D. Hemangioma

130. How is Argyll Robertson pupil defined?

- A. The pupil doesn't react to the light but it is reacting to the convergence**
- B. The pupil reacts to light but does not accommodate
- C. Unilaterally constricted pupil
- D. Unilaterally dilated pupil

131. Chalazion will lead to which of the following malignancy ?

- A. Squamous cell ca
- B. Basal Cell ca
- C. Malignant melanoma
- D. Sebaceous gland carcinoma**

132. A patient presents with the features of difficulty in going downstairs and is oriented with face tilt , what is muscle which is involved in this ?

- A. Lateral rectus
- B. Medial rectus
- C. Superior oblique**
- D. Inferior oblique

133. A patient presented after a cataract surgery, On examination he had a 10mm of IOL and 20 mm of nylon suture was used, these type of findings were seen in which type of cataract surgery ?

- A. Small incision cataract surgery
- B. ICCE
- C. ECCE**
- D. Femto assisted cataract surgery

134. A farmer presented with the history of trauma with the vegetative matter , on examination a fungating ulcer along with satellite nodules were seen , identify the diagnosis ?

- A. Bacterial corneal ulcer
- B. Fungal corneal ulcer**
- C. Viral corneal ulcer
- D. Acanthamoeba ulcer

135. Caloric testing with cold water in the right ear will cause which nystagmus?

- A. Nystagmus on Right side
- B. Nystagmus on Left side**
- C. Nystagmus on both side
- D. No Nystagmus seen

136. Using which of the following would you use to stain the anterior capsule of eye?

- A. Indocyanine
- B. Trypan blue**
- C. Fluorescein
- D. Brilliant blue

137. Mc Carry kaufmann medium is used for?

- A. Stem cell storage
- B. Corneal preservation**
- C. Lens Preservation
- D. Eye storage

138. Raccoon eyes is due to injury of which layer of scalp?

- A. Periosteum
- B. Aponeurotic attachment**
- C. Retro-orbital frontal bone
- D. Skin

139. Angle of manifested squint is measured by Hirshberg test

140. Grading of hypertensive retinopathy?

141. Question on papilloedema

142. A 3 year old child presents with the features of ballotable mass and haematuria, which of the following is the most common cause of it ?

- A. Wilms tumor**
- B. Neuroblastoma
- C. Retinoblastoma
- D. Renal cell cancer

143. After the normal vaginal delivery ,what is the amount of breastmilk to be given to the new born ?

- A. 20 ml
- B. 40ml
- C. 60 ml**
- D. 80ml

144. What is the reason for the defect given in this image?



- A. Morulation
- B. Neurulation
- C. Lateral Folding
- D. Morulation

145. Identify the condition shown?



- A. 47 XY +21**
- B. 46 XX
- C. 45XO
- D. 47 XXY

146. A child presented to the clinic with complaints of malnutrition and severe dehydration. What would be the choice of Iv fluid for this child ?

- A. ORS
- B. NS
- C. **RL in 5% dextrose**
- D. DNS

147. Induction of labour can be done in all of the following except?

- A. **Central placenta previa**
- B. Gestational hypertension
- C. Premature rupture of membranes
- D. Abruptio placenta

148. Identify the maneuver used for Delivery of head is?



- A. **Ritgen maneuver**
- B. Loveset maneuver
- C. Pinards maneuver
- D. Gaskin maneuver

149. Just after delivery the position of uterus corresponds to the level of how many weeks?

- A. **20 weeks**
- B. 12 weeks
- C. 16 weeks
- D. 28 weeks

150. Female patient at 32 weeks presents to the ER with severe abdominal pain, the uterus is tender and fetus is not palpable, female is hypotensive. What is most likely diagnosis

- A. **Abruptio placenta**
- B. Placenta previa
- C. Uterine rupture
- D. Polyhydramnios

151. Outlet forceps is which of the following?

- A. Killand's forceps
- B. **Wrigley forceps**
- C. Piper forceps
- D. Das forceps

152. All are risk factors for endometrial cancer except?

- A. **Low BMI**
- B. Tamoxifen
- C. Anovulation
- D. Endometriosis

153. A female with complaints of urinary incontinence comes to the OPD, 3 swab test is being performed in which the middle swab stained, from the given clinical history where should be the leak suspected?

- A. **Vesicovaginal fistula**

- B. Utero-vaginal fistula
- C. Urethrovaginal fistula
- D. Rectovaginal fistula

154. Till what time can suction evacuation be done ?

- A. 12 weeks**
- B. 6 weeks
- C. 18 weeks
- D. 24 weeks

155. What is the direct cause of maternal death among the following?

- A. Anemia
- B. Pre-eclampsia
- C. Embolism**
- D. Heart disease

156. Medical termination of pregnancy can be extended beyond 24 weeks in which case among the following?

- A. Contraception failure
- B. Congenital anomaly**
- C. Rape
- D. Pregnancy of minor

157. A pregnant female comes to the OPD for general checkup, on history taking it is reported that her mother suffers from diabetes, knowing that there is an evident risk present when should be this pregnant female screened for gestational diabetes?

- A. 24-28 weeks**
- B. 12-14 weeks
- C. Beyond 32 weeks
- D. First visit

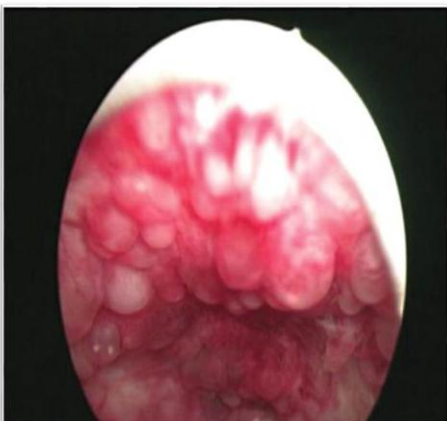
158. In which trimester quadruple test is done?

- A. 1st trimester
- B. 2nd trimester**
- C. 3rd trimester
- D. 4th trimester

159. A female undergoes recurrent abortions and now complains of amenorrhea and infertility. Upon investigation husband semen analysis are normal, FSH of female >7ng/dl. What is the possible cause of the amenorrhea in the patient?

- A. Ovarian failure**
- B. Ashermann syndrome
- C. PCOS
- D. Choriocarcinoma

160. A female who underwent abortion had reportedly high levels of HCG, the uterus is as shown in the image. What is the likely diagnosis?



- A. Choriocarcinoma**

- B. Ashermann syndrome
- C. PCOS
- D. Abruption

161. Patient comes to the OPD with 32 weeks pregnancy and complains of edema, BP >140/90, dipstick reveals 2+. What is the presumptive diagnosis?

- A. Pre-eclampsia**
- B. Abruption
- C. PPH
- D. Placenta previa

162. Mc cull culdoplasty is done in?

- A. Enterocoele repair**
- B. Rectocoele repair
- C. Urethrocele repair
- D. Vault prolapse repair

163. A mother with history of vaginal delivery 2 days ago complains of numbness in lateral thigh, which nerve is prone to damage?

- A. Femoral nerve
- B. Lateral cutaneous nerve of thigh**
- C. Obturator nerve
- D. Sciatic nerve

164. Hormone responsible for molar pregnancy is ?

- A. HCG**
- B. FSH
- C. LH
- D. GnRH

165. Chemotherapeutic agent used in the carcinoma of cervix is

- A. Paclitaxel
- B. Topotecan
- C. Cyclophosphamide
- D. Cisplatin**

166. A female presented with features suggestive of vaginal atrophy , what is the hormone is used for the management for this patient ?

- A. Estrogen**
- B. Progesterone
- C. Oxytocin
- D. Prolactin

167. A patient presented with infertility , On semen examination the volume is 2 ml , and the sperms were also seen, On asking history the patient informs about the history of recurrent pulmonary infections and sinusitis, What is the sperm abnormality seen in this case ?

- A. Normospermia
- B. Azoospermia
- C. Aspermia
- D. Asthenospermia**

168. A female presented with history of acne, gradually progressing hirsutism and features of anovulation , which of the following investigation is not done in this case ?

- A. 24 hr metanephrine levels**
- B. Serum testosterone levels
- C. Estrogen levels
- D. FSH and LH levels

169. What is maneuver used in the management for shoulder dystocia ?

- A. Loveset maneuver

- B. MC Roberts maneuver**
- C. Pinards maneuver
- D. Gaskin maneuver

170. What is the dose of Misoprostol used for medical abortion ?

- A. 25 micrograms
- B. 200 micrograms
- C. 400 micrograms**
- D. 800 micrograms

171. Which of the following statements is correct regarding in pregnancy

- A. Decrease in GFR
- B. Decrease in serum creatinine**
- C. Decrease in plasma protein
- D. Decrease in blood volume

172. Which one of the following is preferred method for emergency contraception ?

- A. 1 tablet of LNG 0.75 mg and 2nd tablet of 0.75 mg after 12 hrs.**
- B. Misoprostal
- C. Carboprost
- D. IUCD insertion within 6 days of sexual intercourse

173. An elderly patient complains of dysphagia, halitosis, and regurgitation of food on occasions, among the following which is the best diagnosis?

- A. Pulsion diverticulum**
- B. Achalasia cardia
- C. Esophageal carcinoma
- D. GERD

174. A patient after undergoing surgery complains of dizziness and diarrhea minutes post meal and features are suggestive of dumping syndrome. What advice will you give to the patient?

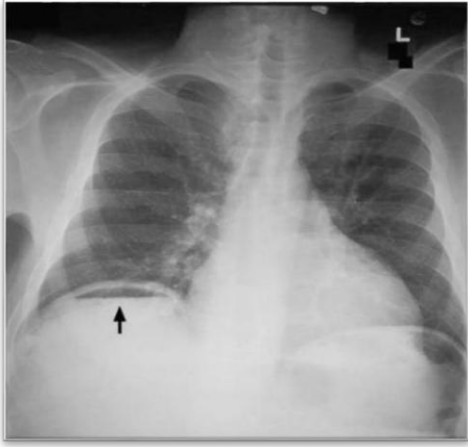
- A. Drink plenty fluids before meal
- B. Take larger amount of meal as these symptoms are corresponding to hypoglycemia
- C. Take more carbohydrate rich diet
- D. Take small meals frequently with increased protein content**

175. Identify the pathology responsible for this condition



- A. Venous disease
- B. Onchocerciasis
- C. Lymphatic disease**
- D. Loiasis

176. A patient with history of chronic use of NSAIDs comes to the ER with complains of severe pain, difficulty breathing. X-ray is taken and shows the following image, what is the presumptive diagnosis?

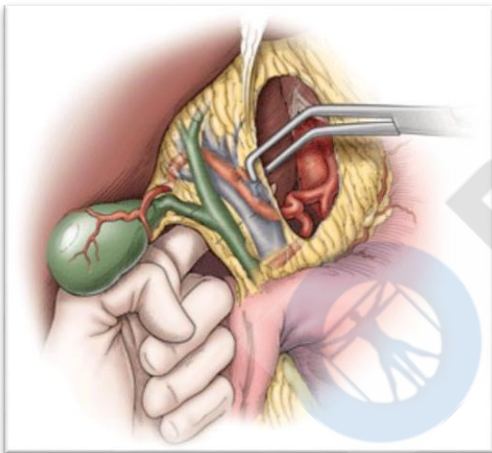


- A. **Perforation peritonitis**
- B. Appendicitis
- C. Volvulus
- D. Pneumothorax

177. What will be the cancer staging for a female patient who has involvement of dermal lymphatics giving a characteristic appearance and is extended to >2/3rd area of breast?

- A. T4a
- B. T4b
- C. T4c
- D. **T4d**

178. Identify the procedure being done?

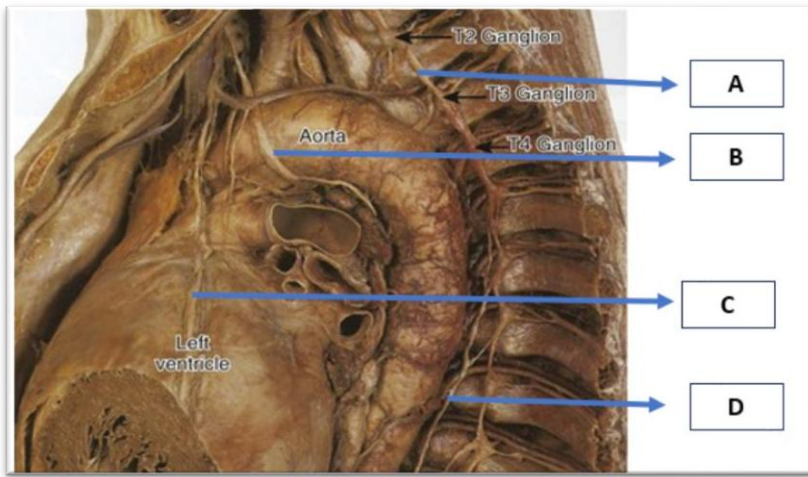


- A. Kocher maneuver
- B. **Pringle maneuver**
- C. Mattox maneuver
- D. Robert's maneuver

179. Patient who suffered RTA was brought to ER, on examination the patient had bradycardia, GCS turned out less than 8, what is the next step you must take?

- A. Urgent CT head
- B. Thrombolysis
- C. Blood transfusion
- D. **Perform intubation**

180. A patient who has a history of surgery performed for treatment of aortic dissection few months back comes to the OPD with complains of hiccups, in the given image which nerve will involved in the mechanism?



- A. A
- B. C**
- C. D
- D. B

181. A young boy complains of a swelling on neck which moves with deglutition, how will you treat the case?

- A. Hemithyroidectomy
- B. Total thyroidectomy
- C. Sistrunk operation**
- D. Superficial thyroidectomy

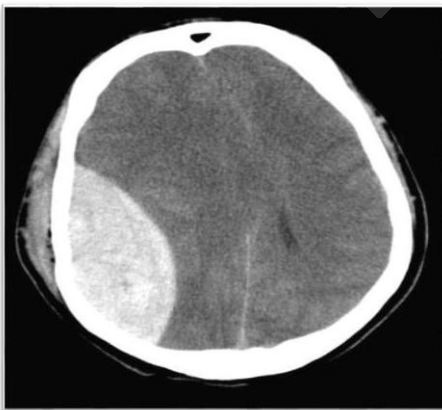
182. What is the most common fluid used for the management for intra operative fluid loss during surgeries?

- A. Normal saline**
- B. Colloids
- C. Blood
- D. Ringer lactate

183. A patient on prolonged radiotherapy reports to have undergone severe weight loss, what is the most common associated cause?

- A. GERD
- B. Recurrence of malignancy
- C. Cancer cachexia
- D. Esophageal fibrosis**

184. A patient was brought to the emergency with history of trauma, the patient regains consciousness for sometime and then goes unconscious again, investigation reveal the following. What will be your next step in management?



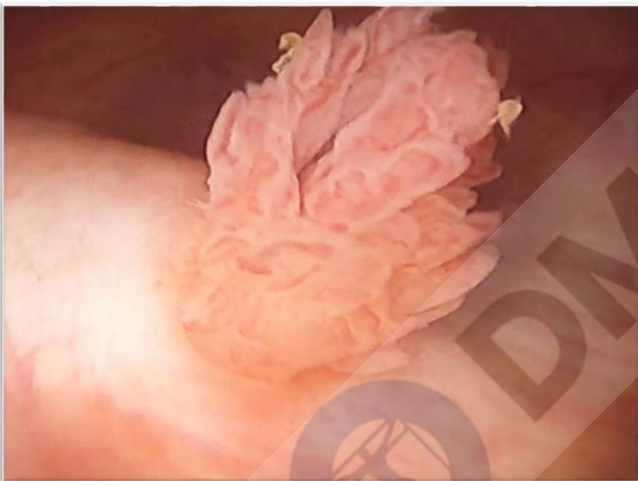
- A. Ventilation
- B. Thrombolysis
- C. Craniotomy with evacuation of hematoma**
- D. Wait and watch

185. An elderly diabetic patient presents with lesion having pain out of proportion and a woody hard consistency, based on the image below what is your presumptive diagnosis?



- A. Necrotizing fasciitis
- B. Cellulitis
- C. Gas gangrene
- D. Deep venous thrombosis

186. A dye factory worker complains of urinary urgency and hematuria, on cystoscopy tumor growth is seen attached to the wall of bladder. What is the next step?



- A. Instillation of BCG
- B. TUR
- C. Radical cystectomy
- D. Cystoscopy with removal of tumor

187. A young male with manhole injury affecting bulbar urethra and presenting with blood at meatus, among the following options where will be the urine collected?

- A. Anterior abdominal wall
- B. Rectus
- C. Peritoneal cavity
- D. Around the thigh

188. A patient with history of surgery performed of kidney stone extraction comes for follow up, on imaging following is seen, next step will be ?

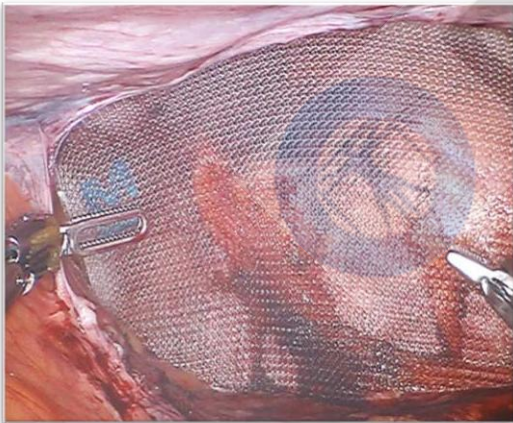


- A. Cystoscopy with foreign body removal
- B. Laproscopic intervention
- C. Reassure the patient
- D. RGU

189. A patient complains of a fluctuating mass on the floor of mouth which is brilliantly trans-illuminant, it has a bluish appearance. What is the diagnosis?

- A. Dermoid cyst
- B. Sublingual abscess
- C. **Ranula**
- D. Sialolithiasis

190. What is the mesh being used?



- A. Polygalactide
- B. Polydioxanone
- C. **Polypropylene**
- D. Polyglycolic acid

191. A female patient presented with pain in abdomen, a lump is felt in right iliac fossa, what will be your next step?

- A. Laproscopy
- B. **Oschner- shereen regimen**
- C. Alvarado regimen
- D. Surgical resection of mass

192. While performing thoracocentesis, where should be the needle inserted?

- A. **Upper border of lower rib**

- B. Lower border of upper rib
- C. Inferior angle of scapula
- D. Lower border of lower rib

193. RTA patient is being treated for massive hemothorax and chest tube inserted gives an output of 1800 ml, what should be done next?

- A. **Thoracotomy**
- B. Urgent thoracocentesis
- C. Drain for next 6 hours with continue resuscitation
- D. Wait and watch

194. What is the best imaging done for identification of pheochromocytoma?

- A. **MIBG scan**
- B. PET scan
- C. CT
- D. MRI

195. A patient presented with severe abdominal pain, on examination the patient was hypotensive CECT done turned out to be normal, image is given below. What is the diagnosis?



- A. **Necrotizing fasciitis**
- B. Fat necrosis
- C. Acute appendicitis
- D. Acute pancreatitis

196. Which of the following is true about triage?

- A. Red- ambulatory patients
- B. Black-urgent referral patients
- C. **Yellow- stable and need observation**
- D. Green- life threatening patients

197. A female presents with bloody nipple discharge and involvement of single duct, what is the treatment done?

- A. **Microdochotomy**
- B. Haldsfield's operation
- C. IV antibiotics
- D. Reassure

198. Identify the pathology?



- A. Venous disease
- B. Arterial disease**
- C. Lymphatic disease
- D. Neuropathy

199. A patient with the history of tobacco usage presented with the features of pain in the right leg, the following instrument is used in the assessment and management of the patient, which one of the following is true about the image ?



- A. Measuring the thickness
- B. For clot measurement
- C. To determine the flow**
- D. For surgical ligation

200. A 33 year old male presents to your clinic with the complains of excessive daytime sleepiness and forgetfulness since past year or so, BMI of the patient is 43, BP is 170/90mmhg. ABG analysis shows pCO₂ 53 mmhg and HCO₃ 33mmol/l. what is the most likely diagnosis?

- A. Obesity hypoventilation syndrome**
- B. Central sleep apnea
- C. Narcolepsy
- D. OSA

201. Which of the following presents with hyperkalemia?

- A. RTA 1
- B. RTA 2
- C. RTA 4**
- D. Ureterosigmoidostomy

202. Child is brought to the OPD with a history of excessive irritability and refusal to feeds, child has fever. Upon further investigation it is revealed that the patient's elder sister is TB positive. Lumbar puncture of the patient will show which of the following?
- A. **Lymphocytosis, low sugar high protein**
 - B. Lymphocytosis, high sugar high protein
 - C. Neutrophils, low sugar low protein
 - D. Neutrophils, high sugar low protein
203. 50 year old patient comes with complaints of shortness of breath, and anorexia. Upon examination patient looks weak and auscultation reveals a dull note in the left infra-scapular region, breath sounds are minimally heard around the area. What is the possible diagnosis?
- A. **Cardiac tamponade**
 - B. Pleural effusion
 - C. Lower lobe Pneumonia with consolidation
 - D. Pneumothorax
204. ABCD2 scoring includes all of the following except?
- A. Age
 - B. Hypertension
 - C. Diabetes
 - D. **History of previous stroke**
205. A 65 year old man presents with severe headache and right sided hemiparesis for last 3 hours. BP is raised 200/100 mmHg. All of the following are done in the management except?
- A. **Thrombolysis**
 - B. Antiedema measures
 - C. BP control
 - D. Supportive measures
206. A patient diagnosed with acute ischemic stroke was advised to undergo thrombolysis with alteplase, if weight of the patient is 80kgs what must be the dose given at stat to the patient?
- A. **8**
 - B. 12
 - C. 10
 - D. 18
207. 50 year old male patient presents to the OPD with complaints of an apparent movement disorder which is associated with development of cognitive and emotional problems. On evaluation he is found to have presence of trinucleotide repeats. Which of the following is the likely diagnosis?
- A. Fragile X syndrome
 - B. Friedrich ataxia
 - C. Alzheimer's disease
 - D. **Huntington chorea**
208. A patient who suffered RTA is complaining of chest pain, decreased heart sounds and engorged neck veins, which of the following JVP findings are expected in the patient?
- A. Absent x
 - B. **Absent y**
 - C. Rapid y
 - D. Absent a wave
209. A patient who is speaking fluently but has nonsensical grammar and his speech doesn't seem to make sense. Which of the following defect is present in the patient?
- A. Broca's aphasia
 - B. Anomic aphasia
 - C. Conduction aphasia
 - D. **Wernicke's aphasia**
210. A patient who underwent a surgical procedure reports to have developed a scissoring gait, damage to which of the following nerve can result in the same?
- A. Superior gluteal nerve
 - B. Inferior gluteal nerve

- C. **Obturator nerve**
- D. Femoral nerve

211. Antibody seen in AIDP(acute inflammatory demyelinating polyneuropathy) will belong to which class of antibodies?

- A. **IgG**
- B. IgM
- C. IgE
- D. IgA

212. What ECG changes are correct about WPW syndrome?

- A. Short PJ
- B. Prolonged PR
- C. Tall tented T waves
- D. **Prolonged QRS waves**

213. 40 year old lady presents with difficulty swallowing, there are also complaints of dry mouth and dry eyes. There are enlarged lymph nodes seen in the patient. What is the likely diagnosis?

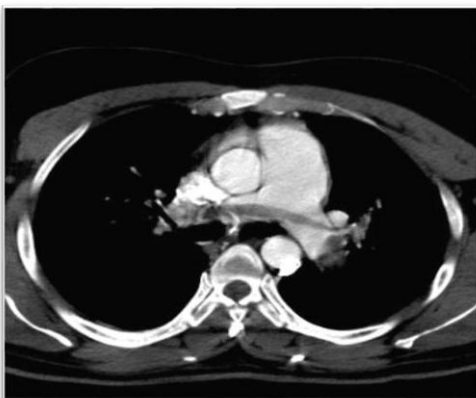


- A. Sarcoidosis
- B. **Sjogren syndrome**
- C. Wegner's granulomatosis
- D. Banti syndrome

214. A patient presents with pedal edema, ascites, hepatomegaly, shortness of breath. On further evaluation JVP is raised, which of the following is the likely associated pathology?

- A. Renal failure
- B. **Cardiac failure**
- C. Liver failure
- D. Brain injury

215. A bedridden patient presents with sudden onset breathlessness and chest pain. CTPA was done revealing the following, which of the given test can confirm the etiology?



- A. **D dimer**
- B. MRA

- C. Echocardiography
- D. Chest Xray

216. Elderly patient with a history of COPD, HTN, and diabetes mellitus is on multiple drug therapy. Which of the following criteria is used to avoid use of certain drugs in these patients?

- A. **Beer criteria**
- B. Duke's criteria
- C. Light criteria
- D. Jones criteria

217. Which of the following drugs is least useful in pain management of patient with Thalamic Dejerine syndrome?

- A. **Analgesics**
- B. TcA
- C. Gabapentin
- D. Cannabinoids

218. Which of the following will help in making a definite diagnosis of bronchial asthma?

- A. HRCT chest
- B. Auscultation of chest
- C. History of patient
- D. **Fev1 showing increment >15% post bronchodilator**

219. 20 year old male who is a IV drug user presents with fever for last one week, TLC count 20000/cu.mm, culture is pending. How many points of duke's minor criteria are satisfied for diagnosis of infective endocarditis?

- A. 0
- B. 1
- C. 2
- D. **3**

220. Reversibility of airflow obstruction in asthma is defined as FEV1 change pre and post bronchodilator to be?

- A. >10%
- B. >15%
- C. >18%
- D. **>12%**

221. A 30 year old lady presents with recurrent episodes of epistaxis, hemoptysis and recurrent sinusitis. A history of hematuria is also given by the patient, there are multiple cavitary lesions noted in lungs. Which of the following tests would be confirming the diagnosis?

- A. **c-ANCA**
- B. anti-GBM
- C. ASO
- D. Anti CCP

222. 13 year old girl presents with increased bleeding due to minor surgeries, there is no history of huge hemarthrosis. Investigation reveal normal PT, aPTT. Which of the following is the most likely diagnosis?

- A. Deficiency of factor 8
- B. Deficiency of factor 9
- C. Vitamin K deficiency
- D. **Vwd**

223. A 37 year old woman presented with recurrent episodes of pain and pressure behind the left eye. There is a history of intermittent proptosis, characteristically symptoms and size of the mass increase on valsalva maneuver. What is the likely diagnosis?

- A. **Orbital varices**
- B. Orbital tumor
- C. Orbital metastases
- D. Cortici-cavernous fistula

224. A patient presents with headache, nausea and frequent urination. There are features of dehydration and on further investigation there is increased aldosterone and decreased renin, what is the likely diagnosis?

- A. **Conn syndrome**
- B. Diabetes insipidus
- C. Addison disease

225. In a case of Rheumatic fever, Rheumatic heart disease is associated with which one of the following

- A. **Chorea**
- B. Arthralgia

226. A patient presented with the features suggestive of postural instability along with the features of dementia, which of the following condition can be suspected ?

- A. **Lewy body dementia**
- B. Picks disease
- C. Parkinsonism
- D. Alzheimer's disease

227. A patient presented with features suggestive of diarrhoea along with a thyroid malignancy, On examination Calcitonin levels were increased, Which of the thyroid malignancy will have the following features ?

- A. **Medullary Carcinoma thyroid**
- B. Papillary Carcinoma thyroid
- C. Follicular Carcinoma thyroid
- D. Anaplastic carcinoma

228. Which drug undergoes Hoffman degradation?

- A. **Cisatracurium**
- B. Pancuronium
- C. Vecuronium
- D. Sevoflurane

229. Identify the instrument shown in the image ?



- A. **Veress needle**
- B. Optical trochar
- C. Epidural needle
- D. Spinal needle

230. Which of the following gas is used in creating pneumoperitoneum for laparoscopy ?

- A. **CO₂**
- B. Air
- C. N₂O
- D. Helium

231. Patient brought to the ER with severe maxillo-facial trauma, the patient was severely hurt, what is the best way to secure airway?

- A. **Tracheostomy**

- C. LMA
- D. Nasopharyngeal airway

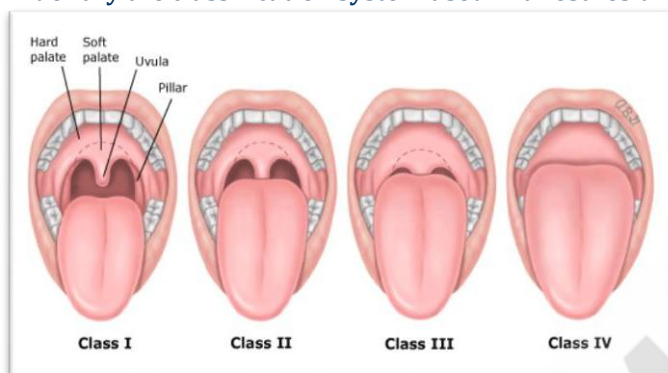
232. In ATLS what is not used among the following?

- A. Amiodarone
- B. Epinephrine
- C. **NaHCO₃**
- D. High energy defibrillation

233. A needle has to be inserted for some medical procedure on the highest point of iliac crest, to which vertebral level does it belong?

- A. L2-L3
- B. L3-L4
- C. **L4-L5**
- D. L5-S1

234. Identify the classification system used in anesthesia?



- A. **Mallampati classification**
- B. ASA classification
- C. Cormack-lehane classification

235. Young male complaining of pain with image showing Diaphyseal lesion-



- A. **Osteoid osteoma**
- B. GCC
- C. Osteosarcoma
- D. Unicameral bone cyst

236. A patient complains of a painless mass, which is gradually growing in size, xray reveals the following. What is the diagnosis?



- A. **Osteochondroma**
- B. Osteosarcoma
- C. Multiple myeloma
- D. Ewings sarcoma

237. Linear accelerator uses which particles?

- A. Neutron
- B. Ion
- C. **X rays**
- D. Gama rays

238. A child was brought to the emergency with complaints of bilious vomiting, X-ray abdomen is given below what is the diagnosis?



- A. **Duodenal atresia**
- B. CHPS
- C. Intussusception
- D. Annular pancreas

239. Patient presenting with flank pain, chills and rigor, investigation has been done revealing the following, what is the presumptive diagnosis?



- A. Cholecystitis
- B. Hydronephrosis
- C. Renal calculi
- D. Emphysematous pyelonephritis**

240. What is the investigation of choice for the following?



- A. Plethysmography
- B. Duplex scan**
- C. USG
- D. CT

241. What is the diagnosis of the below image?



- A. Duplication of ureter
- B. Fused ectopic
- C. Horseshoe kidney**
- D. Polycystic kidney disease

242. Patient with history of steroid use and complaining of lesion shown below



- A. Tinea incognito**
- B. Tinea corporis
- C. Tinea manuum
- D. Tinea ungum

243. Image the diagnosis based on the image given ?



- A. Malignant melanoma**
- B. Junctional nevus
- C. BCC
- D. SCC

244. Identify the condition shown in the image?



- A. **Condyloma acuminatum**
- B. Condyloma lata
- C. Bowen disease
- D. Hemorrhoid

245. A patient of leprosy was started on treatment and he started developing increased itching over previous lesion with edema. What is the type of reaction involved?

- A. Type 1 HS
- B. Type 2 HS
- C. Type 3 HS
- D. **Type 4 HS**

246. History of drug use with same features seen in brother, image



- A. **Acneiform eruption**
- B. Fixed drug eruption
- C. Morbilliform eruption
- D. Miliaria

247. A patient presented with the following features as shown in the image, On evaluation he has a pain in the DIP, What is the diagnosis based on the features given ?



- A. Reactive arthritis

- B. Osteoarthritis
- C. Rheumatoid arthritis
- D. Psoriatic arthritis**

248. A patient presented with the following features of ulcer with a past history of burns , What is the condition associated with this ?



- A. Marjolin's ulcer**
- B. Arterial ulcer
- C. Venous ulcer
- D. Neuropathic ulcer

249. A 25 year old male presented with complaints of sudden onset weakness and pain in the arm , On examination the following feature were present ,what is the diagnosis ?



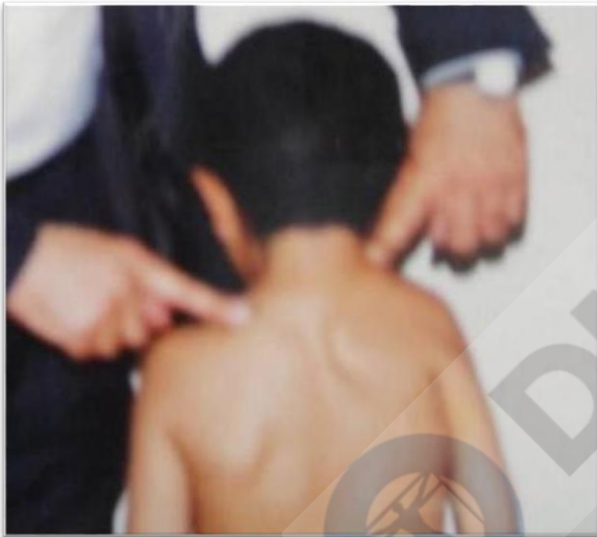
- A. Biceps tear**
- B. Triceps tear
- C. Brachioradialis tear
- D. Brachialis tear

250. A 6 years old child had a history of fracture near elbow and underwent local native treatment, later on he developed the deformity as shown in the image, the formed deformity is due to



- A. Cubitus varus
- B. Cubitus valgus**
- C. Gun stock deformity
- D. Dinner fork deformity

251. A 5 year old child presented to the hospital with complaints of limited abduction of the shoulder ,Identify the deformity responsible for his condition ?



- A. Kippel fell syndrome
- B. Sprengel's deformity**
- C. Congenital torticollis
- D. Muscular spasm

252. A patient presented with the following X ray and the clinical presentation, deformity to which of the following nerve results in this presentation ?



- A. Ulnar nerve
- B. Radial nerve**
- C. median nerve
- D. axillary nerve

253. What is the test done to identify flexion deformity at hip?

- A. Anterior drawer test**
- B. Telescopy test
- C. Thomas test
- D. Lachmann test

254. Which of the following is the most common key feature of depression?

- A. Loss of interest in pleasurable activities
- B. Low mood/sad mood**
- C. Suicidal thoughts
- D. Loss of appetite

255. What can be the most probable diagnosis of image given below, which was recovered from the stomach after a surgery, where patient had alopecia of unknown reason and abdominal pain?



- A. Billroth surgical procedure
- B. Removed stomach
- C. Trichobezoar**
- D. None

256. A patient in OPD is very much obsessed with particular things. He seems to be stubborn and frugal in nature. As per Sigmund Freud's psychosexual stages of development, Fixation would have happened in which stage?

- A. Oral
- B. Anal**
- C. Phallic
- D. Latent

257. Which of the following is not a feature of pseudohallucination?

- A. Not vivid
- B. Outer objective space**
- C. Voluntarily done
- D. Can occur with a stimulus

258. Capgrass syndrome can be associated with which of the following condition?

- A. Vascular dementia
- B. Temporo parietal dementia
- C. Dementia with lewy body**
- D. Frontotemporal dementia

259. Postpartum day 5, a female presents with complaints of restlessness, difficulty in sleep, sadness and irritation. What is the most probable diagnosis?

- A. Dysphoric mania
- B. Psychotic disorder
- C. Postpartum blues**
- D. Depression

260. A young man gets sudden and irresistible urge to take action. His condition can be classified as:

- A. Illusion
- B. OCD
- C. Impulse**
- D. Catatonia

261. A man presented to hospital with drowsiness, ataxia and blurred vision. On history taking, it was found that he brought two bottles of alcohol from a local liquor shop. What is the antidote for the treatment?

- A. Ethyl alcohol
- B. Diazepam
- C. Fomepizole**
- D. Naltrexone

262. A 38 year old female, presents to OPD with complaints of persistent sadness, sleeping problems, loss of interest in activities and poor appetite for past few months. As per her condition, she is diagnosed with major depressive disorder. Which drug is the most appropriate for initial treatment?

- A. Lithium
- B. Buspirone
- C. Haloperidol
- D. Fluoxetine**

263. Which of the following antiemetic can results in extra pyramidal adverse effects?

- A. Promethazine
- B. Metachlopramide**
- C. Domeperidone
- D. Ondansetron

264. Which one of the following is a chronic inflammatory mediator

- A. IL-1
- B. IL-6**
- C. TNF Alpha
- D. TGF-Beta

265. A adult patient presented with Pallor and fatigue. On routine blood investigation there were low RBC counts, decreased Hb and MCV of 60fl, MCH of 20pg, What is the diagnosis based on the blood picture?

- A. IDA**
- B. Vitamin B12 deficiency
- C. ACD
- D. Sideroblastic Anemia

266. A child brought to the emergency with fever and features of status epilepticus, the parents give history of similar episodes in past, which among the following is least relevant in such a case?

- A. History of fever
- B. History of any other drug being used which can cause some interaction
- C. History of compliance to treatment