

Pediatrics

- 1) 6-month-old boy is brought to you with white patches on mucous membranes of mouth, the most likely diagnosis is:
 - a) Herpes simplex
 - b) Candida infection
 - c) Molluscum contagiosum
 - d) Staphylococcal folliculitis
- 2) A child is born with jaundice and has seizures, CT head shows intracranial calcifications, the most likely diagnosis is:
 - a) Hepatitis B
 - b) Congenital rubella
 - c) Congenital syphilis
 - d) Congenital toxoplasmosis
- 3) Of the following, the most common presentation of child abuse are:
 - a) Burns
 - b) Bruises
 - c) Bone fractures
 - d) Intraabdominal injuries
- 4) 3 year old child has respiratory distress, stridor and cough, chest X-ray shows subglottic narrowing (steeple), the most likely cause is:
 - a) Klebsiella
 - b) Streptococcus
 - c) Parainfluenza virus
 - d) Staphylococcus aureus
- 5) A premature infant has abdominal distention, X-ray shows bubbly intestinal wall and hepatic portal venous gas, your diagnosis is:
 - a) Celiac disease
 - b) Cystic fibrosis
 - c) Ulcerative colitis
 - d) Necrotizing enterocolitis
- 6) Children with fifth disease (erythema infectiosum, caused by parvovirus B19) do NOT have:
 - a) Fever
 - b) "Slapped-cheek" rash
 - c) "Lacy" rash on the trunk
 - d) Rash on palms and soles
- 7) As opposed to nutritional marasmus, kwashiorkor is characterized by:
 - a) Anorexia
 - b) Alopecia
 - c) Severe muscle wasting
 - d) Edema
- 8) Anterior bowing of the tibias (saber shins) is associated with:
 - a) Beriberi
 - b) Multiple sclerosis
 - c) Congenital syphilis
 - d) Duchenne muscular dystrophy
- 9) 2 year old child develops barking cough and stridor and symptoms of an upper respiratory infection. The most likely diagnosis is:
 - a) Croup
 - b) Sinusitis
 - c) Epiglottitis
 - d) Peritonsillar abscess
- 10) The most common cause of otitis externa in children and adults is:
 - a) Proteus
 - b) Candida
 - c) Escherichia coli
 - d) Pseudomonas aeruginosa

- 11) One year old child has septic arthritis, the most likely cause is:
- Escherichia coli
 - Neisseria meningitidis
 - Staphylococcus aureus
 - Haemophilus influenzae
- 12) Ambiguous genitalia in infants is most commonly due to:
- Congenital adrenal hyperplasia
 - Testicular feminization
 - Ovarian tumor
 - Pituitary adenoma
 - Gonadal dysgenesis
- 13) Patients with Klinefelter syndrome have:
- Small testes
 - Short stature
 - 47 XYY karyotype
 - Increased facial hair
 - Decreased serum estradiol
- 14) Diagnosis of hemolytic-uremic syndrome is most likely to be confused with:
- Thalassemia
 - Pyelonephritis
 - Hydronephrosis
 - Polycystic kidney disease
 - Thrombotic thrombocytopenic purpura
- 15) Of the following, the best medication for absence seizures ("petit mal") is:
- Phenobarbital
 - Diazepam
 - Ethosuximide
 - Clonazepam
 - Levodopa
- 16) Hirschsprung's disease (congenital aganglionic megacolon /rate of 1 in 5000 live births) is best diagnosed by:
- Sigmoidoscopy
 - Rectal examination
 - Rectal biopsy
 - Barium enema
 - Plain abdominal X ray
- 17) A baby turns blue whenever it stops crying. The most likely diagnosis is:
- Lung abscess
 - Cystic fibrosis
 - Mitral stenosis
 - Choanal atresia
 - Tetralogy of Fallot
- 18) Which of the following should be ruled out in a 15 year old boy with gynecomastia?
- Down's syndrome
 - Edward's syndrome
 - Turner's syndrome
 - Fragile X syndrome
 - Klinefelter's syndrome
- 19) Children with pectus excavatum (funnel chest) are most likely to develop:
- Kyphosis
 - Sarcoidosis
 - Osteosarcoma
 - Cystic hygroma
 - Achondroplasia
- 20) X-ray of lateral neck of a 6 year old child shows thumb-print sign, the most likely diagnosis is:
- Croup
 - Epiglottitis
 - Cystic fibrosis
 - Bronchial asthma
 - Epiglottal cancer
- 21) Croup (laryngotracheobronchitis) is:
- Most commonly caused by fungus
 - Associated with inspiratory stridor
 - Usually occur in ages 10 to 15 years
 - More common in males than in females
 - Characterized by high fever for 3 days
- 22) A couple had a child with bilateral cleft lip and palate, the chance of having another child with the same defect is:
- 3%
 - 13%
 - 30%
 - 53%

23) Infants born to diabetic mothers often have:

- a) Hypercalcemia
- b) Hyperglycemia
- c) Cardiomegaly
- d) None of the above

24) Sudden, symmetric adduction and flexion of limbs with concomitant flexion of head and trunk in a one year old child is most likely due to:

- a) Petit mal
- b) Grand mal
- c) Febrile convulsions
- d) Infantile spasms (West's syndrome)

25) The most common malignant hepatic tumour in a one year old child is:

- a) Hepatoblastoma
- b) Cholangiocarcinoma
- c) Fibrolamellar carcinoma
- d) Hepatocellular carcinoma

26) What would you order for a 12 year old girl with recurrent episodes of edema lasting 48-72 hours affecting the face?

- a) Monospot test
- b) Lymph node biopsy
- c) Muscle enzyme levels
- d) C1 inhibitor levels

27) Ewing's tumor is a:

- a) Bone cyst
- b) Benign tumor
- c) Malignant sarcoma
- d) A form of multiple myeloma

28) Infants with congenital heart diseases may present with:

- a) Hemoptysis
- b) Hepatomegaly
- c) Both
- d) Neither

29) The most common cause of acute gastroenteritis in developed countries is:

- a) Viral
- b) Fungal
- c) Bacterial
- d) Parasitic

30) The most common extracutaneous site of involvement of chickenpox in children is:

- a) Genitourinary system
- b) Cardiovascular system
- c) Central nervous system
- d) Gastrointestinal system

ANSWERS

1. B
2. D
3. B
4. C
5. D
6. D

7. D
8. C
9. A
10. D
11. C
12. A

13. A
14. E
15. C
16. C
17. D
18. E

19. A
20. B
21. B
22. A
23. C
24. D

25. A
26. D
27. C
28. B
29. A
30. C