

Final therapeutics 2020

1. Incorrect match about drug induced diabetes :

corticosteroids destroy pancreatic beta cells

2. part of food not used in hypoglycemia because it doesn't increase plasma glucose level :

proteins

3. Insulin used for DKA :

Regular insulin

4. Incorrect about insulin :

the regular insulin analogs more closely replicate normal physiology than does rapid acting insulin.

5. Incorrect about GLP 1 agonist :

Mostly given by oral route

6. Mismatch about adverse effects of oral hypoglycemic agents :

Sitagliptin and weight gain

7. Mismatch in hypertensive emergency

Enalapril and eclampsia

8. Drug causes hypertension not by sodium and water retention :

Darbipointen

9. Patient with on and off occipital headache , BP 200/125 , physiological testing is unremarkable (urgency) , incorrect :

Give oral antihypertensive to lower BP to 120/80 within few days

10. Antihypertensive needs electrolyte monitoring :

Valsartan

11. Shared side effect of loop diuretics and thiazides :

hypokalemia

12. Antihypertensive reasonable in elderly

Amlodipine

13. Antihypertensive for a patient with peripheral vascular disease

Carvidolol

14. Not used in pregnancy

Enalapril

15. Which group of drugs used after MI for secondary prevention

(valsartan , resorvastatin , aspirin , metoprolol)

16. Wrong about beta blocker in ACS

Decreases the risk of cardiogenic shock

17. After STEMI what is incorrect ?

Taking aspirin 162 – 320 indefinitely

18. Drug exacerbates heart failure , not cardiotoxic :

Beta blocker

19. Incorrect about SGLT2 inhibitors

Contraindicated if GFR less than 60

20. Patient with heart failure not controlled well with the medication , what to give to reduce hospitalization and cardiotoxic deaths

Vericiguat

21. Incorrect about heart failure

TZDs should be used with EF 50% or less

22. Incorrect about hyperkalemia with aldosterone antagonists in heart failure

discontinue loop diuretics therapy if aldosterone antagonist is stopped

23. Which is used with ivabradine without causing a harmful side effects

Lisinopril

24. Incorrect about physiological changes in pregnancy

Hormonal effect Decreases the hepatic metabolism

25. Not used for gastric reflux in pregnancy

Sodium bicarbonate

26. Incorrect about tocolytics

Using of magnesium sulfate increases risk of cerebral palsy

27. Bacterial vaginosis treated by

Metronidazole

28. Antibiotic used in cystitis , but not in pyelonephritis because no enough concentration in renal tissue

Nitrofurantoin

29. Something about treatment of UTI in pregnancy , incorrect

Using a combination of azithromycin and tinidazole

30. Most dangerous anti epileptic in pregnancy

Valproic acid

31.cause of 75% of medication errors

Distraction of physicians

32. Incorrect about strategies to reduce medication errors whoever do it

Sit a malpractice lawsuit for those make these errors (something like that)

33. Reasonable form in prescription

5 mg of this drug taken by mouth for pain

34. Incorrect about medication errors

Counts 15% of all medical errors

35. Incorrect about epilepsy treatment

If seizures are highly frequent , Start with 2 drugs and titrate up more quickly

36. Concentration dependent side effect of phenytoin

Nystagmus

37. Not a common adverse effect for many anti epileptics

Pseudolymphoma

38. Anti epileptic with active metabolite

Carbamazepine

39. Incorrect about using anti epileptic

Topiramate for focal seizures with neuropathic pain

40. anti epileptic wrong

Levetiracetam induce Valproic acid metabolism

41. Incorrect

Isoniazid and carbamazepine leads to increase adverse effects of isoniazid

42. Incorrect about measuring plasma concentration for anti epileptic

Plasma concentration in the steady state is a therapeutic endpoint by itself

43. Anti epileptic for elderly (I don't remember if it's for pregnancy or elderly , the same answer anyway)

Lamotrigene

44. Not a preventive drug for migraine

Lamotrigene

45. Incorrect about triptans

It's is an agonist of 5 HT 2 and antihistamine

46. Incorrect about antiemetics in migraine

Given 2 times per day , every 12 hours

47. Incorrect about error alkaloid

Rebound headache is rare and mild

48. Not a cause of drug or disease induced psychosis

Diabetes mellitus

49. Incorrect about acute dystonia

Occurs within month of starting antipsychotic or increasing the dose

50. Incorrect about clozapine

It has a rapid onset of action

51. Incorrect about injectable antipsychotics

Less adverse effects and mild

52. Not aggravating depressive symptoms

Valproic acid

53. Used in depression with anxiety

Fluxetine

54. Mismatch antidepressant with side effect

Bupropion and salivation.

55. Incorrect about depression

Shows 90% relief of symptoms on antidepressants and only 10% with placebo

56. Mismatch of bacteria and antibiotic

Nisseria meningitidis and vancomycin

57. Prophylaxis for meningococcal infection

Ciprofloxacin

58. Baby less than one month with meningitis what to give

Ampicillin and cefotaxime

59. Preferred treatment for cryptococcal meningitis

Amphotericin B with flucytosin

60. Treatment for resistant pseudomonas

Moxifloxacin

61. Duration of treatment of strep pneumonia

10-14 days

62. Neonatal pneumonia treatment

Vancomycin with meropenem

63. Incorrect about pneumonia

All patients with CAP should be covered for respiratory syncytial virus

64. Outpatient treatment of CAP with comorbidity, incorrect

Azithromycin with doxycycline

65. Incorrect for pseudomonas treatment in VAP

Gentamicin with polymyxin

66. Not a common cause of C diff infection

Metronidazole

67. Mismatch of antibiotic with side effect

Aminoglycosides and C diff infection

68. Treatment for enterococci with multidrug resistance

Imipenem

69. Prophylaxis for emergency colon surgery

Cefazolin with Metronidazole

70. Incorrect about importance of age in choosing antibiotic

It determines the risk for allergic reactions

71. Which drug doesn't need adjustment in liver failure

Nitrofurantoin