

Adama General Hospital Medical College

Pharmacology Work sheet for Clinical Nursing Students

I. Choose the best answer

1. A 23 year old woman who underwent an open appendectomy is later found to have a wound infection. A culture grows methicillin resistant *Staphylococcus aureus* (MRSA). Which of the following antibiotics would be useful in treating this infection?
A. Ceftriaxone B. Dicloxacillin C. Vancomycin
D. Nafcillin
2. A 19 year old pregnant female presents to your pharmacy with symptoms of dysuria, urinary frequency and urgency. Which of the following is the best empirical antibiotic agent for her cystitis?
A. Ciprofloxacin B. Sulfamethoxazole/trimethoprim C. doxycycline D. Vancomycin
3. A 23 year old male patient who got bitten by his friend's dog 2 days ago. He presents today with a non healing wound draining purulent material. Which of the following is the most appropriate antimicrobial treatment?
A. Amoxicillin/clavulanic acid B. Doxycycline C. Sulfamethoxazole/trimethoprim D. Erythromycin
4. A female presents to the clinic at 19 weeks of gestation complaining of fever, burning sensation upon urination. She is allergic to penicillin. Which of the following antibiotics would you recommend?
A. Amoxicillin/Clavulanic acid B. TMP/SMX C. doxycycline
D. Ciprofloxacin
5. The pseudo parkinsonian syndrome can be observed after the treatment with the following medication:
A. Valproic Acid B. Diazepam C. Haloperidol D. amitriptyline
6. The use of trihexyphenidyl (benzhexol) in a Parkinson's patient:
A. Acts on dopamine receptors B. Acts on the cholinergic system
C. Facilitates the release of dopamine D. Causes miosis
7. The following antibiotics are capable of inducing nephrotoxicity even in patients with normal renal function:
A. Quinolones B. Macrolides C. Aminoglycosides
D. Beta lactams
8. In case of an acute anginal attack, you should dispense which of the following drugs?
A. isosorbide mononitrate B. amlodipine C. nitroglycerin D. propranolol

9. In case of Prinzmetal's (variant) angina, which of the following drugs is not used?
 A. propranolol B. diltiazem C. isosorbide dinitrate
 D. amlodipine
10. What is the target of action of fluoroquinolones:
 A. the topoisomerases B. ribosomes C. PBP membrane
 D. Integrases
11. A 72year old man develops acute urinary retention and blurred vision after taking an antidepressant for 5 days. Which of the following medications is most likely to cause such side effects?
 A. Valproic acid B. diazepam C. levodopa D. Amitriptyline
12. Which of the following medication is the most appropriate treatment for a 10 year old boy diagnosed with absence seizure?
 A. Phenytoin B. Carbamazepine C. Ethosuximide D. Clobazam
13. Which of the following antiplatelet would you consider recommending for patients with angina?
 A. Warfarin B. Acenocoumarol C. Heparin D. Aspirin
14. A 57year old man with congestive heart failure and hypertension is maintained on digoxin and diuretic. Which of the following blood indicators is most important to follow in this patient to avoid severe side effects?
 A. Bicarbonate B. Chloride C. Glucose D. Potassium
15. Clavulanic acid is combined with amoxicillin because:
 A. It kills bacteria that are not killed by amoxicillin
 B. It reduces renal clearance of amoxicillin
 C. It counteracts the adverse effects of amoxicillin
 D. It inhibits beta lactamases that destroy amoxicillin
16. Which one of the following combinations is therapeutically valuable in treatment of heart failure:
 A. Furosimide + hydrochlorthiazide B. Furosimide+ indomethacine
 C. Furosimide+spironolactone D. Furosimide+Bumetanide
17. Which of the following drugs is used in the treatment of Parkinsonian disorders?
 A. Phenytoin B. Selegiline C. Haloperidol D. Fluoxetine

II. Match B with A

A

B

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|---|----|
| 1. Used for treatment of anxiety | A. |
| gentamycin | |
| 2. Used for treatment of tonic clonic seizure | B. |
| diazepam | |
| 3. Used for the treatment of hypertension | C. |
| phenobarbitone | |
| 4. Used for treatment of unstable angina | D. |
| losartan | |
| 5. Used for treatment of Parkinson's disease | E. |
| azithromycin | |
| 6. Used for treatment of uncomplicated genital Chlamydia infections | F. |
| levodopa + carbidopa | |
| 7. Used for treatment of meningitis | G. |
| amitriptyline | |
| 8. Used for treatment of major depression | H. |
| Ciprofloxacin | |
| 9. Used for treatment of soft tissue infection | I. |
| Ceftriaxone | |
| 10. Used for treatment of recurrent UTI | J. |
| nitrates | |

III. Give short answer for the following

1. Write 4 drugs used for the management of unstable angina
2. Write 2 drugs used for eradication of H. Pylori in the management of duodenal ulcer
3. Mention two drugs used for the management of mania

Set by: -

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