**Study Guide #9**

1. A leukemia patient is started on oral administration of Busulfex and asks you what side effects can be expected. You say \_\_\_\_\_\_\_\_\_\_\_\_\_.

A. nausea and vomiting

B. alopecia

C. pancytopenia

D. all of the above

2. In a 10 mL syringe pre-filled with a cancer chemotherapy medication, only 5 mL are administered. The remaining 5 mL will be \_\_\_\_\_\_\_\_\_\_\_\_\_.

A. placed back in the patient’s medication cassette for later use

B. flushed down the toilet

C. discarded into the sink

D. wasted in the biochemical hazard container

3. Two brand names for etoposide are \_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_.

A. Taxotere / Taxol

B. Toposar / Taxol

C. VePesid / Toposar

D. Taxotere / VePesid

4. A biopsy reveals that the patient’s tumor is malignant which means that \_\_\_\_\_\_\_\_\_\_.

A. the cancer moved from its’ original location

B. the tumor is not cancerous

C. the tumor is cancerous and progressive

D. the patient has a cyst

5. Mrs. O’Toole is being discharged home post mastectomy and radiation therapy. To reduce the chance of breast cancer recurrence, Dr. Martin orders Novaldex 40 mg per oral qd x 5 years. Mrs. O’Toole is supplied with 0.02 g tablets. How many tablets should she take per dose?

A. 5 tablets

B. ½ tablet

C. 2 ½ tablets

D. 2 tablets

6. A toddler weighs 55 lbs. Using Clark’s Rule, calculate how much medication is safe to administer if the adult dose is 300 mg.

A. 160 mg

B. 140 mg

C. 135 mg

D. 110 mg

7. Adrucil is a(n) \_\_\_\_\_\_\_\_\_ that \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

A. hormone / suppresses mitosis in lymphocytes

B. antineoplastic antibiotic / binds to DNA and stops protein synthesis

C. natural product / blocks the formation of the mitotic spindle

D. antimetabolite / inhibits enzymes in the pathways of DNA and RNA synthesis

8. An oncology nurse who is trying to start a family has orders to administer Adrucil topically. The nurse will \_\_\_\_\_\_\_\_\_\_\_\_.

A. don extra long nitrile gloves and apply the medication as ordered

B. skip administration of topical Adrucil

C. inform the charge nurse of the situation and ask for someone to substitute

D. not worry because Adrucil is not a pregnancy risk category X drug

9. Using Clark’s Rule, estimate the dose you would administer to a 40 kg child if the normal adult dose is 1.25 mg.

A. 0.25 mg

B. 1 mg

C. 0.75 mg

D. 1.5 mg

10. A physician orders extended release morphine sulfate 90 mg PO QD for management of a patient’s moderate cancer pain. The available supply is 30 mg caps. The patient will take \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

A. two capsules and crush another capsule to sprinkle some medication onto applesauce.

B. 1 ½ capsules of morphine sulfate

C. 4 capsules

D. 3 capsules

11. A child weighs 25 kg and the normal adult dose is 150 mg. Using Clark’s Rule, what is a safe amount to administer per dose if the supply is 5 mg/mL?

A. 110 mL

B. 11 mL

C. 10 mL

12. An oncology patient is placed on palliative care. You prepare to administer which of the following?

A. morphine

B. CA chemotherapy and antiemetics

C. oxygen

D. A and C only

13. Traditional cancer treatment includes \_\_\_\_\_\_\_\_\_\_\_\_\_.

A. CA chemotherapy, nutritional supplements, radiation

B. surgery, radiation, CA chemotherapy

C. emotional/psychological support, chemotherapy, radiation

D. cell cycle specific and cell cycle nonspecific drugs

14. Which drug is an antibiotic antineoplastic?

A. Cerubidine

B. docetaxel

C. Iflex

D. cisplatin

15. Docetaxel is a \_\_\_\_\_\_\_\_\_\_\_\_.

A. natural product

B. hormone

C. alkylating agent

D. none of the above

16. Goserelin acetate is classified as a/(n) \_\_\_\_\_\_\_\_\_\_\_\_\_.

A. alkylating agent

B. hormone

C. antibiotic antineoplastic

D. antimetabolite

17. When administering antineoplastic drugs, factors to consider are \_\_\_\_\_\_\_\_\_\_\_\_.

A. patient’s age

B. BSA

C. drug interactions

D. all of the above

18. Toposar is a proprietary name for \_\_\_\_\_\_\_\_\_\_.

A. fluorouracil

B. epirubicin HCL

C. cisplatin

D. etoposide

19. A common adverse effect to expect with administration of antineoplastic agents is thrombocytopenia. Your patient asks you what that means and your response is \_\_\_\_\_\_\_.

A. hair loss

B. a reduction of all types of blood cells

C. blood clots

D. a reduction of platelets

20. The definition of neoplasm is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

A. new growth

B. tumor

C. icky mole

D. CA mets

Know:

Drugs – Brand/generic/class

Lecture – 3 side effects to expect with administration of antineoplastics, thrombocytopenia, 3 things to consider before administering antineoplastic drugs, proper waste of chemotherapy drugs, key terms, pregnancy risk category X drugs.

Math – Clark’s Rule, D over H times Q, conversions

NO!

Cell cycle, class actions, route, side effects (except mentioned above),