

MRS.SARANYA.T
LECTURER
ICON
INDIRANI COLLEGE OF NURSING
ARIYUR, PUDUCHERRY
MEDICAL SURGICAL NURSING II

MCQ ON CHEMOTHERAPY

1. Chemotherapy is one the therapeutic modalities for cancer. This treatment is contraindicated to which of the following conditions?
 - ☐ Recent surgery
 - ☐ Pregnancy
 - ☐ Bone marrow depression
 - ☐ All the above
2. Nausea and vomiting are common adverse effects of radiation and chemotherapy. When should a nurse administer antiemetics?
 - ☐ A. When therapy is completed
 - ☐ B. Immediately after nausea begins
 - ☐ C. With the administration of therapy
 - ☐ D. 30 minutes before the initiation of therapy
3. A client is taking Cyclophosphamide for the treatment of the lymphoma. The nurse is very cautious is administering the medication because this drug poses the fatal side effect of?
 - ☐ Alopecia
 - ☐ Myeloma
 - ☐ CNS toxicity
 - ☐ Hemorrhagic cystitis
4. The nurse is reviewing the laboratory results of a client receiving chemotherapy. The platelet count is 10,000 cells/mm. Based on this laboratory value, the **priority** nursing assessment is which of the following?
 - ☐ A. Assess skin turgor

- ☐ B. Assess bowel sounds
 - ☐ C. Assess temperature
 - ☐ D. Assess level of consciousness
5. The nurse is teaching a 17-year old client and the client's family about what to expect with high-dose chemotherapy and the effects of neutropenia. What should the nurse teach as the **most** reliable early indicator of infection in a neutropenic client?
- ☐ A. Dyspnea
 - ☐ B. Fever
 - ☐ C. Tachycardia
 - ☐ D. Chills
6. A 58-year-old man is going to have chemotherapy for lung cancer. He asks the nurse how the chemotherapeutic drugs will work. The **most** accurate explanation the nurse can give is which of the following?
- ☐ "Cancer cells are susceptible to drug toxins."
 - ☐ "Chemotherapy affects all rapidly dividing cells."
 - ☐ "Chemotherapy encourages cancer cells to divide."
 - ☐ "The molecular structure of the DNA is altered."
7. Chemotherapeutic agents have different specific classifications. The following medications are antineoplastic antibiotics except?
- ☐ Doxorubicin
 - ☐ Fluorouracil
 - ☐ Mitoxantrone
 - ☐ Bleomycin
8. Specific classification of the chemotherapeutic agent, Vincristine is?
- ☐ Hormone modulator
 - ☐ Mitotic inhibitor
 - ☐ Antineoplastic antibiotic
 - ☐ Antimetabolite
9. Cytarabine is an antimetabolite that can cause a common cytarabine syndrome which including the following apart from?
- ☐ Fever

- ☐ Myalgia
- ☐ Chest pain
- ☐ Diarrhea

10. The client with cancer is receiving chemotherapy and develops thrombocytopenia. The nurse identifies which intervention is the **highest** priority in the nursing plan of care?

- ☐ A. Monitoring temperature
- ☐ B. Monitoring for pathological factors
- ☐ C. Ambulation three times a day
- ☐ D. Monitoring the platelet count