

STRUCTURED CHEMOTHERAPY KNOWLEDGE QUESTIONNAIRE

The purpose is to assess the knowledge level of the staff nurse regarding chemotherapy

** Indicates required question*

1. Name *

2. Staff id *

3. Department *

4. 1. Adjuvant chemotherapy is used *

1 point

Mark only one oval.

- ☐ to shrink the tumor
- ☐ to treat micro metastasis
- ☐ to treat localized cancer

5. 2. Application of chemotherapy infusion with peripheral intravenous catheter * 1 point

Mark only one oval.

- ☐ calculate the number of drops per minute and use non-pyrogenic fluid path
- ☐ calculate the number of drops per minute and use the dosimeter
- ☐ calculate the number of drops per minute and make infusion according to gravity

6. 3. Doxorubicin toxicity is prevented by using * 1 point

Mark only one oval.

- ☐ dexrazoxane
- ☐ Mesna
- ☐ carvedilol

7. 4. The drug dosage for cancer chemotherapy is calculated based on * 1 point

Mark only one oval.

- ☐ BMI (Body Mass Index)
- ☐ BCA (Body Composition Analysis)
- ☐ BSA (Body Surface Area)

8. 5. chemo drug should be loaded inside * 1 point

Mark only one oval.

- ☐ Drug room
- ☐ biological safety chamber
- ☐ procedure room

9. 6. PPE's used during chemo preparation includes *

1 point

Mark only one oval.

- ☐ gloves, gowns, goggles, shoe cover and mask
- ☐ gloves, gowns, goggles, face shield, and shoe cover
- ☐ gown, gloves, face shield, googles and mask

10. 7. _____ method is used to dispose the chemotherapeutic supplies and unused drugs

* 1 point

Mark only one oval.

- ☐ Compositing
- ☐ Incineration
- ☐ Plasma gasification

11. 8. Does the type of chemotherapy drug affect the duration of catheterization during peripheral intravenous chemotherapy

* 1 point

Mark only one oval.

- ☐ Yes, the duration of the infusion should not exceed 12-24hrs in the administration of vesicant drugs, otherwise the catheter must be replaced
- ☐ Yes, the duration of infusion of vesicant drug administration should not exceed 12-24hrs, otherwise the drug should be diluted as much as possible
- ☐ No, the catheter should be changed daily on chemotherapy drug applications

12. 9. Drug associated with potential for cardiotoxicity *

1 point

Mark only one oval.

☐ Cyclophosphamide

☐ Methotrexate

☐ Carmustine

13. 10. Drug associated with potential for hepatotoxicity *

1 point

Mark only one oval.

☐ Bleomycin

☐ Cisplatin

☐ Fluorouracil

14. 11. Cytoprotectants drugs are used *

1 point

Mark only one oval.

☐ To prevent specific side-effects

☐ to prevent the metastasis

☐ to prevent the tumor growth

15. 12. An example for anti- metabolites *

1 point

Mark only one oval.

☐ cyclophosphamide

☐ methotrexate

☐ topotecan

16. 13. An example for Anti-tumour antibiotics *

1 point

Mark only one oval.

- ☐ gemcitabine
- ☐ dactinomycin
- ☐ nitrosoureas

17. 14. _____group of drugs are mutagenic and carcinogenic to bone marrow stem cell results in acute myelogenous leukaemia *

1 point

Mark only one oval.

- ☐ topoisomerase inhibitors
- ☐ anti-microtubule agents
- ☐ alkylating agents

18. 15. Allodynia means *

1 point

Mark only one oval.

- ☐ photosensitivity
- ☐ blister and tissue destruction
- ☐ neuropathic pain

19. 16. Cisplatin based therapy can cause *

1 point

Mark only one oval.

- ☐ Anemia
- ☐ Cachexia
- ☐ Hypokalemia

20. 17. one of the following is not included in the selection of peripheral venous catheters during chemotherapy * 1 point

Mark only one oval.

- ☐ The patient's activity status
- ☐ catheter diameter and vein diameter compatibility
- ☐ The concentration of drug to be delivered, pH, and osmolarity

21. 18. the best way to test the peripheral line before administering chemotherapy * 1 point

Mark only one oval.

- ☐ check whether the blood is coming back or not; then infiltration should be checked by giving 0.09% sodium chloride
- ☐ check whether the blood is coming back or not; then infiltration should be checked by giving 5% dextrose
- ☐ check whether the blood is coming back or not

22. 19. infusion pump should be changed _____ of continuous peripheral intravenous chemotherapy * 1 point

Mark only one oval.

- ☐ every 24 hours
- ☐ every 72 hours
- ☐ every 96 hours

23. 20. Extravasation can be managed by *

1 point

Mark only one oval.

- ☐ Applying ice pack (15 min, 4 times)
- ☐ covering with bandage
- ☐ only administering Analgesic

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