**Matric number: 16/mhs03/025**

**Assignment Title:** oncology and nursing care of patients with cancer

**Course Title:** Advanced Medical/ Surgical Nursing II

**Course Code:** NSC 408

**Question**

Discuss your nursing responsibilities towards a patient scheduled to

receive neoadjuvant treatment for the management of cancer.

Discuss your responsibilities towards a patient receiving radiotherapy on an oncology

unit where your practice.

What precautions should you take while caring for a patient receiving chemotherapy

on your unit.

ANSWERS

1) Discuss your nursing responsibilities towards a patient scheduled to

receive neoadjuvant treatment for the management of cancer.

Neoadjuvant treatment or therapy is the administration of therapeutic agents before a

main treatment.

• Explain the procedure to patient and seek consent to enable cooperation and better understanding of the patient about the treatment.

• assessment of the patient by checking vital signs and noting allergies.

• signed consent for treatment will be obtained and rechecked if patient understood its cotent by asking questions.

• Monitor laboratory values and verify laboratory values within acceptable

range for dosing.

• Take measures to prevent medication errors:

a) Perform independent double-check of original orders with a second

chemotherapy-certified RN.

 b)Double check for accuracy of treatment regimen, chemotherapy agent,

dose, calculations of body surface area, schedule, and route of

administration.

• Recalculate chemotherapy doses independently for accuracy.

• Verify appropriate pre-medication and pre-hydration orders.

• Ensure patient education completed and address outstanding patient questions.

2) Discuss your responsibilities towards a patient receiving radiotherapy on an

oncology unit where your practice.

RESPONSIBILITIES

The radiation source is exterior to the tumor such as the use of linear accelerator.

1.Remove all opaque objects such as pins, buttons and hairpins

and replace clothing with a gown for body X-rays.

2.Have patient perfectly still ; maintain position with the use of foam, plastic plaster (material) devices and variety of other materials that can conform to the patient’s anatomy.

3.Tell the patient there will be no sensation or pain accompanying radiotherapy.

4.Advise the patient that he will be alone in the room for the protection of the technician, but will be in voice contact.

5. Determine from the physician what has been told to the patient about radiation therapy.

6 . If series of treatments are to be given, include the patient inthe planning phase.

7.The radiation source is used for surface, interstitial, or intracavity applications

a) The nurse should inform the patient that some skin reaction can be expected but that varies from patient to patient.

b) Do not apply lotions, ointments, cosmetics to the site of radiation unless prescribed by the physician.

3) What precautions should you take while caring for a patient receiving

chemotherapy on your unit?

PRECAUTIONS TO TAKE

1) Nurses who prepare chemo drugs use a special type of pharmacy

that must meet certain regulations.

2) Nurses should wear protective clothing, such as 2 pairs of special gloves and a gown, and sometimes goggles or a face shield.

3) If IV chemo is to be given a disposable pad should be placed under the infusion, there might be a disposable pad under the infusion

tubing to protect the surface of the bed or chair.

4) A warning label should be places around the area where chemotherapy is given.

5) All materials used for patient should be disposed properly and labelled appopriatly.