

Matric number: 17/mhs02/114

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 from patient and seek consent to enable cooperation
- Patient assessment, confirms allergies, and evaluates any preexisting symptoms.
- Verify signed consent for treatment was obtained and signed by provider and patient.
- Monitor laboratory values and verify laboratory values within acceptable range for dosing.
- Take measures to prevent medication errors:
 - Perform independent double-check of original orders with a second chemotherapy-certified RN.
 - 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/or 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 in the 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, etc. 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

- 1) Pharmacists and nurses who prepare chemo drugs use a special type of pharmacy that must meet certain regulations.
- 2) Nurses and others who give your chemo and help take care of you afterwards wear protective clothing, such as 2 pairs of special gloves and a gown, and sometimes goggles or a face shield.
- 3) If you're getting IV chemo, 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 placed around the area where chemotherapy is given.