Matric number: 16/mhs02/30

Assignment Title: oncology and nursing care of patients with cancer

Course Title: Advanced Medical/ Surgical Nursing II

Course Code: NSC 408

**Question**

1. Discuss your nursing responsibilities towards a patient scheduled to

 receive neoadjuvant treatment for the management of cancer.

1. Discuss your responsibilities towards a patient receiving radiotherapy on an oncology

 unit where your practice.

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

 on your unit.

**ANSWERS**

**NEOADJUVANT TREATMENT**

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

main treatment.

**NURSING RESPONSIBILITY**

• 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:

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

chemotherapy-certified RN.

o 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.

**NURSING RESPONSIBILITY TOWARDS RADIOTHERAPY**

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.

1. Have patient perfectly still; maintain position with the use o f

 foam, plastic , plaster (material) devices and/or variety of other materials that can

 conform to the patient’s anatomy.

1. Tell the patient there will b e n o sensation o r pain

 accompanying radiotherapy.

1. Advise the patient that he will be alone in the room for the protection of

 the technician, but will be in voice contact.

1. Determine from the physician what has been told t o

 the patient about radiation therapy.

1. If series o f treatments are to b e given, include the patient in

 the planning phase.

1. 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.

**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 places around the area where chemotherapy is given.