MATRIC NUMBER: 16/MHS02/029

1. Discuss your nursing responsibilities towards a patient scheduled to receive neoadjuvant treatment for the management of cancer.

**NEOADJUVANT TREATMENT**

Treatment given as a first step to shrink a tumor before the main treatment, which is usually surgery, is given. Examples of neoadjuvant therapy include chemotherapy, radiation therapy, and hormone therapy. It is a type of induction therapy.

**NURSING RESPONSIBILITIES**

The nurse should provide a conducive environment for the patient

The nurse should ensure proper bed rest for patient at all times to manage fatigue

Observe vital signs like temperature and blood pressure so as patient can have fit vital signs for surgery

Administer IV fluids as prescribed to maintain a good fluid electrolyte and diet should be given properly to avoid risk of vomiting

Most importantly client education, the nurse should provide education and emotional support b assessing the needs of the patient and by discussing their fears and coping mechanisms.

Reassure patients and encourage patients to take active roles in decision making when possible

The nurse must communicate frequently with the physician and other members of the healthcare team to ensure that the information provided to patient and their family are consistent

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

**NURSING RESPONSIBILITIES**

Assess the patient nutritional status and the patient well being

Assessment of patient fluid electrolyte by administering prescribed iv fluids and encourage patient to take adequate fluids

Modifying risk of infection

Assess the patient oropharyngeal mucosa regularly when radiation therapy is directed to those areas

If systemic symptoms such as fatigue occur, the nurse must explain that these symptoms are as a result of the treatment and that they do not indicate that the illness is getting worse

Waste products of the patient should be disposed properly

Drugs should be handled with care

Nurse should ensure that they limit the amount of people that see them

Reassure patient and give psychological care by encouraging patient

Also give physical care

Nurse should wear personal protective equipment also apply with patient

1. What precautions should you take while caring for a patient receiving chemotherapy on your unit?

The nurse should assess patient nutritional and fluid and electrolyte status regularly and use creative methods to encourage patient to take adequate fluids and diet

The nurse must take measures to address the factors that can further the risk of infection and bleeding

The nurse should closely monitor patient during the administering of chemotherapeutic agent because of risk and consequences of extravasation

Nurse must ensure the waste products of patient are disposed properly

Nurse should ensure the use of protective equipments as protection of chemotherapeutic agent