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 Assignment

 1 .Nursing responsibilities for a patient scheduled for neoadjuvant therapy for the management of cancer

* Patient assessment

 . Assess past health history and health practices

 . Assess patients physical and emotional status

 . Assess both the family and patients knowledge of the disease and the treatment

* Prior to administration of IV chemotherapy
* Confirm allergies, and evaluate any existing pre symptoms
* Verify signed consent for treatment that was signed by provider and patient
* Monitor laboratory values and laboratory values within acceptable range for dosing
* Take measures to prevent medication errors such as :
* Perform independent double check of original orders with a second chemotherapy nurse
* 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
* Administration of IV chemotherapy
* Safe handling of hazardous medications; reduce exposure to self and others
* Intravenous line management : insertion, evaluation, and assessment
* Continuous patient monitoring for acute/adverse drug effects and allergic reactions
* Prompt recognition and management of hypersensitivity reactions
* Safe handling and management of chemotherapy spills
* . Patient Education on oral chemotherapy
* Keep cancer drugs in original packaging until used or placed within the daily pill box
* Do not mix chemotherapy medications with other medications in the pill box. They should always remain separate from other medication
* Perform hand hygiene before and after handling all medication
* Do not let the medication come in contact with household surfaces. If they do, clean surfaces thoroughly to remove all traces of the dog
* Store medications in a cool, dry place, away from excess heat or sunlight exposure
* When possible, the patient should handle their mediations themselves
* If anyone other than the patient comes in contact with the cancer pills, wash the affected area with soap and water immediately

2. Responsibilities towards a patient receiving radiotherapy

* Monitor for adverse effects; skin changes, such as blanching, erythema, desquamation, sloughing or hemorrhage; ulcerations of the mucous membrane; nausea and vomiting , diarrhea or gastrointestinal bleeding
* Assess lungs for rales, which may indicate interstitial exudate. Observe for any dyspnea or changes in respiratory pattern
* Identify and record any medications that the client will be taking during the radiation treatment
* Monitor white blood cells counts and platelet counts fir significant decreases
* Provide a non-stressful environment
* Minimize side effects
* Provide Education
* Wash the that is marked as the radiation site only with plain water, no soap; do not apply deodorant ,lotions, medications, perfume, talcum powder to the site during the treatment period
* Do not rub, scratch, or scrub treated skin areas. If necessary, use only an electric razor to shave the treated are
* Apply neither heat nor cold( e.g heating pad or ice pack) to the treatment site
* Inspect the skin for damage or serious changes, and report these to the radiologist or physician
* Wear loose , soft clothing over the treated area
* Protect skin from sun exposure during treatment and for at least 1 year after radiation therapy is discontinued. Cover skin with protective clothing during treatment; once radiation is discontinued, use sun blocking agents with a sun protection factor of at least 15
* Be sure to get plenty of rest and balanced diet

 3. Precautions for a patient receiving chemotherapy

.Flush toilet twice each time they are used. If possible , patients should use a separate toilet from others in the hospital, Advice patient to always wash hands with soap and water after using the toilet

.The nurse should wear gloves when handling the patients’ blood, urine, stool, or emesis. dispose of the gloves after each use and wash your hands

.After using any device for bodily waste, patient should thoroughly wash their hands and the device with soap and water. Dry the devices with paper towel and discard the towels

.Any sheets or clothes soiled with bodily fluids should be machine washed twice in hot water with regular laundry detergent. do not hand wash

.If the nurse should come in contact with bodily fluids, they should wash the area of exposure several times with soapy water

.Be sure that someone is with the patient , because more help may be needed at those times

.Watch for any sign or symptoms