

Radiotherapy

Anatomical Location	Disease Site	Toxicities
Pelvis	<p>Gyne – Cervix, Vulva, Endometrial, Vagina</p> <p>Lower GI – Rectum, Anal Canal</p>	<p>Symptoms – diarrhea, fatigue, proctitis, bowel cramping, skin reaction, dysuria, frequency</p> <p>Symptoms – pain, fatigue, diarrhea, skin reaction</p>
Pelvis & Abdomen	GU – Prostate, Bladder, Testis	Symptoms – nausea, vomiting, fatigue, diarrhea, proctitis, bowel cramps, skin reaction, dyspnea, hiccoughs.
Thorax (Includes supraclavicular area)	Lung	Symptoms – fatigue, pain, anorexia, heartburn, dysphagia, esophagitis, skin reaction, dyspnea, hiccoughs
Thorax & Abdomen	Upper GI – Esophagus, Stomach, Bile Duct, Pancreas	Symptoms – fatigue, pain, nausea, vomiting, anorexia, heartburn, dysphagia, esophagitis, skin reaction, constipation

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Anatomical Location	Disease Site	Toxicities
Supraclavicular Area (Posterior)	Breast – Axillae, Breast, Chest Wall	Symptoms – skin reaction, fatigue, esophagitis
Brain and Spinal Cord	CNS (includes myeloma, ALL)	Symptoms – alopecia, skin reaction, fatigue, insomnia, pain, headache, anorexia, nausea, vomiting
Head & Neck	Head & Neck – Tongue, Tonsils, Larynx, Sinuses, Nasal pharynx, supraglottic uvula	Symptoms – alopecia, fatigue, skin reaction, pain, nausea, vomiting, anorexia, constipation, dysphagia, esophagitis, stomatitis, dyspnea
Skin	Skin	Symptoms – skin reaction, fatigue

Case Study Mr. T.

- Mr. T (55 yrs) was prescribed a radical course to the face and neck area of 6600 cGy in 33 fractions and 5000 cGy in 25 fractions to the lower neck for squamous cell carcinoma on the base of the tongue. He was fully active and could carry out all activities without restriction (PS=0), weighs. 75 kg and had no baseline toxicities.
- *On day 11* of treatment Mr. T complained of pain with swallowing.
 - *Upon further questioning Mr. T.* stated he was eating only soft foods and drinking ensure.

- **What is the toxicity category, symptom and symptom grade?**
 - ***Category*-gastrointestinal**
 - ***Symptom*-dysphagia**
 - **Symptom grade-2**
 - **Performance status = 0**

- ***On day 17*** of treatment Mr. T stated on the weekend he experienced increased pain with swallowing and N&V.
 - ***Upon further questioning*** he was taking dilaudid syrup every 6 hours and he experienced nausea with one episode of vomiting over the weekend. His fluid intake consistent of only small amounts of juice. He does not feel like drinking and he is unable to do any strenuous activities.

- **What are the toxicity categories, symptoms and symptom grades?**
 - ***Categories***-gastrointestinal and pain
 - ***Symptoms***-dysphagia, nausea, vomiting, pain
 - **Symptom grades**-are 2 for dysphagia, 2 for nausea, 1 for vomiting and 1 for pain
 - **Performance status = 1**

Case Study Mr. D.

- Mr. D (64 yrs) was prescribed a radical course of 7000 cGy in 35 fractions prostate cancer. He was fully active but unable to do strenuous activity (PS=1), weighs 79 kg. and had no baseline toxicities.
- *On day 28* of treatment Mr.D complained of mild diarrhea and that his hemorrhoids were bothering him.
 - *Upon further questioning* he stated that he had an increase of 2-3 stools each day after eating his fruit salad and that he used his Preparation H for his rectal discomfort.

- **What are the toxicity categories, symptoms and symptom grades?**
 - ***Categories*-gastrointestinal**
 - ***Symptoms*-diarrhea, proctitis**
 - **Symptom grades-are 1 for diarrhea and 1 for proctitis**
 - **Performance status = 1**