Supplementary Table 1. RTOG acute radiation morbidity scoring criteria. *Source: reference no. 12*

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| Domain | Grade 0 | Grade 1 | Grade 2 | Grade 3 | Grade 4 |
| Bowel toxicity | No change | Increased frequency or change inquality of bowel habits notrequiring medication/rectaldiscomfort not requiringanalgesics | Diarrhea requiringparasympatholytic drugs(e.g., Lomotil)/mucousdischarge notnecessitating sanitarypads/rectal or abdominalpain requiring analgesics | Diarrhea requiring parenteralsupport/severe mucous orblood discharge necessitatingsanitary pads/abdominaldistention (flat plateradiograph demonstratesdistended bowel loops) | Acute or subacuteobstruction, fistula orperforation; GI bleedingrequiring transfusion;abdominal pain ortenesmus requiring tubedecompression or boweldiversion |
| Bladder toxicity | No change | Frequency of urination or nocturiatwice pretreatment habit/dysuria,urgency not requiringmedication | Frequency of urination ornocturia that is lessfrequent than every hour.Dysuria, urgency, bladderspasm requiring localanesthetic (e.g.,Pyridium) | Frequency with urgency andnocturia hourly or morefrequently/dysuria, pelvispain or bladder spasmrequiring regular, frequentnarcotic/gross hematuria with/without clot passage | Hematuria requiringtransfusion/acute bladderobstruction notsecondary to clotpassage, ulceration, ornecrosis |