

## Topic: Treatment

1. A typical radiotherapy prescription induces the following items EXCEPT:

- A. The photon or electron energy
- B. The dose in cGy or Gy
- C. Monitor units
- D. Number of fractions

Answer:

C. A typical radiotherapy prescription includes: the site to be treated, the energy to be used (X as in 6X may represent MV photon energies and e as in 9e may represent MeV electron energies), the dose in units of cGy or Gy, and fractions to be treated. Monitor units (MU) are generally associated with the plan and not the prescription.

## Topic: Anatomy - Pelvis

2. Seminal vesicles are found in which anatomy?

- A. Adult female pelvis anatomy
- B. Adult male pelvis anatomy
- C. Child female pelvis anatomy
- D. Child male abdominal anatomy

Answer:

B. Seminal vesicles (SV) are found in male pelvis anatomy. The SV are located posterior and superior to the prostate, anterior to the rectum, and posterior and posterior to the bladder.

## Topic: Dose Calculation

3. At what depth does the maximum dose (Dmax) for an enface photon beam of 6X photons appear?

- A. 1.2 cm
- B. 1.5 cm
- C. 2.5 cm
- D. 3.3 cm

Answer:

B. The Dmax for 6X photons is 1.5 cm and the Dmax for 10X photons in 2.5cm

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