

Topic: Interactions

1. Another name for braking radiation that is produced when an accelerated electron is deflected by an atomic nucleus producing a photon is called: ?

- A. Bremsstrahlung radiation
- B. Photoelectric radiation
- C. Compton radiation
- D. Characteristic radiation

Answer:

A. Bremsstrahlung radiation is another name for braking radiation.

Topic: Delivery

2. The half life of Cs137 is approximately _____ ?

- A. 20 years
- B. 25 years
- C. 30 years
- D. 35 years

Answer:

C. The half life (the time it would take for a radioactive material to decline to half of its activity) of Cs137 is approximately 30 years.

Topic: Patient Care

3. When transferring a patient from a stretcher to the radiation therapy treatment couch, the radiation therapist should provide: ?

- A. assistance, if asked
- B. assistance at all times
- C. verbal assistance
- D. assistance, as needed

Answer:

B. The radiation therapist must assist patients at all times.