

Cobalt Units

131. Cobalt-60 therapy machines produce photon beam energies of:
- A. 1-1.33 MeV
 - B. 1.17 and 1.33 MeV
 - C. 1.25 MeV
 - D. 1.17 MeV
132. A cobalt-60 therapy source usually has a diameter of:
- A. 1-3 mm
 - B. 3-5 mm
 - C. 5-10 mm
 - D. 10-20 mm
133. The output of a cobalt-60 therapy source decreases each month by about:
- A. 0.1%
 - B. 1.0%
 - C. 2.0%
 - D. 5.0%
134. The penumbra at 80 cm SSD from a 2 cm diameter Cobalt-60 source collimated at 40 cm from the source is:
- A. 0.5 cm
 - B. 1.0 cm
 - C. 2.0 cm
 - D. 4.0 cm
135. The half value thickness (HVT) for a cobalt-60 beam is:
- A. 10 mm Al
 - B. 10 mm Cu
 - C. 12 mm Pb
 - D. 12 mm W
136. The transmission of a cobalt-60 beam through a 6 cm thick lead block is about:
- A. 25%
 - B. 10%
 - C. 7.5%
 - D. 3.1%
137. Special collimation used to reduce the penumbra from a cobalt-60 unit is called:
- A. Cheater block
 - B. Multileaf system
 - C. Trimmers
 - D. None of the above