

Acceptance Testing, Calibration, and Commissioning

148. Acceptance testing of a radiation therapy machine relates to:
- A. Developing a better design of its components
 - B. Comparing the specifications in the purchase order to the measured performance of the machine
 - C. Adjusting the electrical and mechanical parameters of the machine
 - D. Measuring the performance of subsystems
149. The commissioning of a therapy machine requires:
- A. Measuring equipment
 - B. Acquisition of clinical data
 - C. Calibration of all the physical and radiation parameters
 - D. All of the above
150. Calibration of a machine primarily deals with:
- A. Radiation beam parameters
 - B. Mechanical parameters
 - C. Digital displays
 - D. Laser equipment
 - E. All of the above
151. A good standard of practice requires that a treatment machine should undergo a complete calibration at least:
- A. Before any treatment
 - B. Daily
 - C. Weekly
 - D. Monthly
 - E. Annually
152. A consistency check of radiation beams should be performed at least:
- A. Daily
 - B. Weekly
 - C. Monthly
 - D. Annually