

(a) Each registrant shall develop, implement, and maintain a dedicated quality management program to control the processes used to administer therapeutic radiation with US Food and Drug Administration cleared emerging technologies or previously unused features of a future or existing technology system.

- (1) Must include an explicit strategy to ensure quality of processes and patient or human research subject safety.

(c) The quality management program shall be developed by the radiation oncology safety team.

(1) Education and training about the new technology or features;

(3) A system for real-time recording of on-going issues related to the technology and clinical use of the new technology or features;

(5) A strategy for routine review at intervals not to exceed 13 months of the clinical use of the new technology or features which includes an assessment of the current use compared to Paragraph (b) of this Rule and plan to either update the clinical use plan or steps to bring the clinical use back into alignment with Paragraph (b) of this Rule;

(7) A strategy for ensuring quality after hardware and software updates and after equipment repair.

(f) New technology issues should be reported through the vendor or manufacturer, applicable regulatory agency alerts, or customer service bulletins and be reviewed and addressed via a documented reporting system.

*Authority G.S. 104E-7;
Eff. October 1, 2025.*