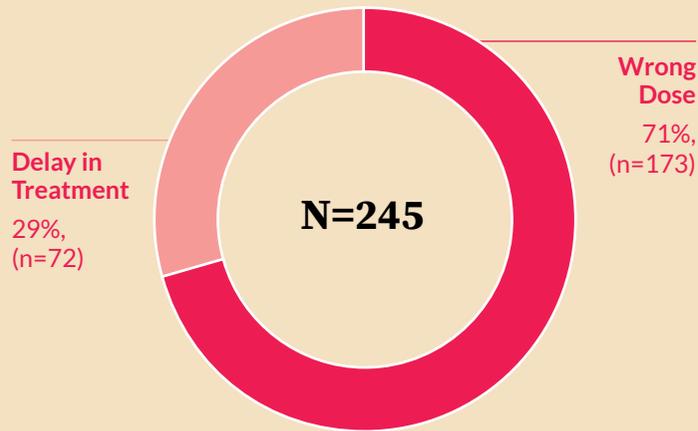


Risk Factors and Mitigation Strategies in Radiation Therapy: A Study of Patient Safety Events From 40 Hospitals

Radiation Therapy Events by Event Type

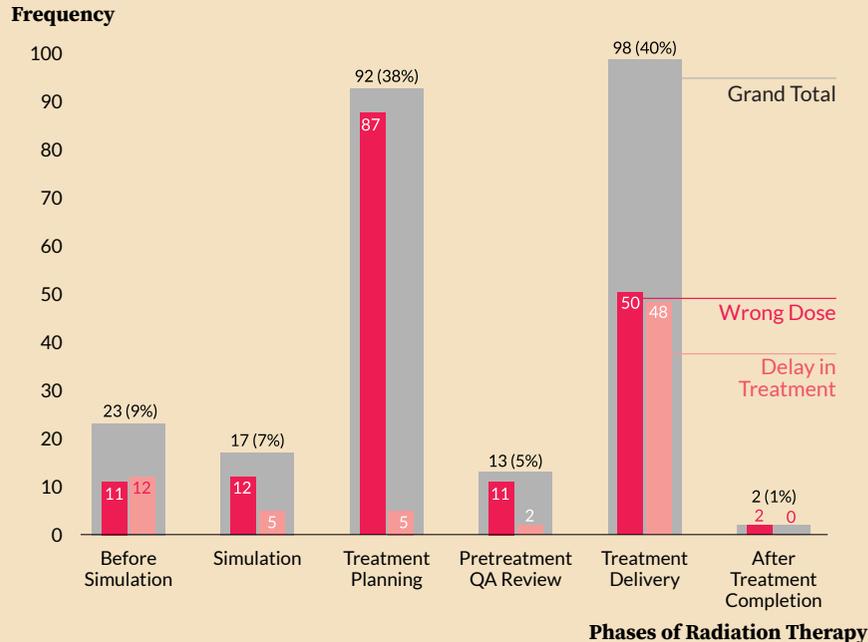


Note: Only one event type was coded per event report.

60% of the errors
reached the patient



Distribution of Events by Phase of Radiation Therapy and Event Type (N=245)



Note: The primary bar per phase represents the grand total across the two subcategories of bars, which represent the two event types. Only one phase and one event type were coded per event report. QA=quality assurance

- **Lengthy treatment delays** (20–60 days) were frequently attributed to scheduling or ordering errors in the before simulation phase.
- **Wrong dose events** were frequently related with accessory and positioning issues during the treatment delivery phase.
- The article includes an Online Supplement Appendix that provides a **list of risk mitigation strategies** (doi.org/10.33940/001c.155351).