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| **Name of Policy:** | **Orientation/safety education safety training/therapist**<br>Ref: HOSPITAL SAFETY MANUAL | THE UNIVERSITY OF TOLEDO MEDICAL CENTER |
| **Policy Number:** | 3364-134-38 | |
| **Department:** | Radiation Oncology | |
| **Approving Officer:** | Chief Executive Officer - UTMC<br>Professor & Chairman, Radiation Oncology | |
| **Responsible Agent:** | Technical Manager, Radiation Oncology | **Effective Date: 7/14/2023** |
| **Scope:** | Radiation Oncology | Initial Effective Date: 10/1/1980 |

_____ New policy proposal
_____ Major revision of existing policy
__x__ Minor/technical revision of existing policy
_____ Reaffirmation of existing policy

## (A) Policy Statement

Safety training shall be provided to Radiation Oncology personnel operating the linear accelerators and simulator.

## (B) Purpose of Policy

Safety training shall be provided to Radiation Oncology personnel operating the linear accelerators, and simulator in order that they may be able to protect themselves and patients from injuries and during emergencies.

## (C) Procedure

1. Once a year the therapist will have an inservice conducted by the physicist on Radiation Safety, they are also required to take the radiation safety test on the safety test bank.

2. The primary components of the Radiation Oncology Department's Safety Training Program shall include, but not be limited to, the following:

   a. Emergency Off Switches/Main Circuit Breakers
   b. Radiation Safety
   c. Location and Use of Patient Monitoring Devices
   d. Recognition of Serious Hazards with Truebeam/Edge/CT simulator

      1 - X-ray and electron beam radiation
      2 - Induced radioactivity
      3 - RF energy (microwave radiation)
      4 - Plastic material
      5 - Electromagnetic interference (EMI)
      6 - Ozone
      7 - Sulphur hexafluoride (SF6)
      8 - Electrical shock
      9 - Mechanical collision
      10 - Laser system
      11 - Skin burns
      12 - Nuts, bolts and other fasteners

| **Approved by:** | | **Review/Revision Date:** |
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| /s/<br>Mersiha Hadziahmetovic, MD<br>Associate Professor & Chair, Radiation Oncology | 7/14/2023<br>Date | 10/1990<br>11/1992<br>10/1993<br>2/1995<br>1996<br>3/1997<br>4/1999<br>5/2002<br>2/2007<br>5/2008<br>7/1/2011<br>5/1/2014<br>5/1/2017<br>5/1/2020<br>7/14/2023 |
| /s/<br>Richard P. Swaine<br>Chief Executive Officer - UTMC | Date | |
| *Review/Revision Completed By:*<br>*Michelle Giovanoli* | | **Next Review Date:** 7/14/2026 |
| **Policies Superseded by This Policy**: 38-37B | | |