


Name of Policy: <u>Delivery of Ionizing Radiation</u> Policy Number: 3364-134-15 Department: Radiation Oncology Approving Officer: Chief Executive Officer - UTMC Professor & Chairman, Radiation Oncology Responsible Agent: Technical Manager, Radiation Oncology Scope: Radiation Oncology	 Effective Date: 7/14/2023 Initial Effective Date: 9/3/1980
<input type="checkbox"/> New policy proposal <input type="checkbox"/> Major revision of existing policy	<input type="checkbox"/> Minor/technical revision of existing policy <input checked="" type="checkbox"/> Reaffirmation of existing policy

(A) Policy Statement

In accordance with the prescription and instructions of the Radiation Oncologist the Radiation Therapist (R.T.(T)) will deliver ionizing radiation to the patient.

(B) Purpose of Policy

To deliver accurate and appropriate radiation treatment as prescribed.

(C) Procedure

1. Check prescription, diagnosis, chart and patient identification.
2. Explain procedure to patient, means of communication during treatment and procedure to follow if emergency arises during treatment.
3. Prepare room and equipment for patient according to prescription regarding immobilization devices, field size, treatment distance, lead protection and defining devices (blocks).
4. Assist or transfer patient safely to treatment couch, giving special care to catheters, IV's, chest tubes, etc.
5. Check and verify daily treatment dosage/time and deliver the prescribed dose.
6. Maintain visual and audible communications with the patient during treatment.
7. Record prescribed dose after the treatment is delivered.
8. Maintain patient markings.
9. Assist or transfer patient from treatment couch to appropriate area: dressing room, holding area, exam room, etc.

Approved by: <u>/s/</u> _____ <u>7/14/2023</u> Mersiha Hadziahmetovic, MD Associate Professor & Chair, Radiation Oncology Date <u>/s/</u> _____ Richard P. Swaine Chief Executive Officer - UTMC Date <i>Review/Revision Completed By:</i> Michelle Giovanoli	Review/Revision Date: 10/1981 2/1995 1982 2/1996 1983 10/1997 1984 4/1999 1985 3/2002 1986 10/2008 1987 7/1/2011 1988 7/1/2014 1989 7/1/2017 2/1990 5/1/2020 10/1992 7/14/2023 1/1994 Next Review Date: 7/14/2026
Policies Superseded by This Policy: 38-15	