

March 2023 through September 2023 Therapeutic and Diagnostic
Medical Reportable Events (MRE)

Therapeutic	
1.	A patient was prescribed a 20Gy boost to the larynx. Due to an error in treatment contours, the dose was delivered to the base of the tongue. The error was identified after 10 fractions were delivered with a dose of 2000cGy. The dosimetrist and radiation physicist did not identify that the larynx was not included in the treatment volume. The dosimetrist was retrained on how to present a fusion of the PET and CT images. Competencies to be reviewed with Rad Oncology staff. 3/2023
2.	On the 15th fraction, the lateral shift was omitted for treatment of the right acetabulum. The therapist failed to align the patient to the AP marks and the treatment was delivered with the isocenter laterally shifted from the intended target. The physician determined that the target received adequate coverage without adding a fraction to make up for the incorrectly delivered fraction. No policy or procedures were bypassed. Enhanced communication amongst therapists was discussed to explicitly state which setup steps have been performed. 4/2023
3.	A fraction of a treatment was not completed due to machine fault that could not be promptly resolved. Patient received 47% of the prescribed dose. Service engineer found faulty contactor and unit was repaired, tested and placed back in service. 5/23
4.	A patient received treatment plan of a different patient. The dosimetry of the actual 15 fractions of treatment and the originally planned 15 fractions of treatment is very insignificant. The maximum dose of the entire treatment is changed by 0.1cGy out of a total of 4274.5cGy. Both of the patient treatment sites were the same breast with the same dose prescription. All therapists read and signed policy and procedure for delivery of treatment for a patient. Education was given to all staff regarding patient identification and time out policies. Minimize distractions to therapist while treating patients. Perform an audit of the treatment policy documentation and distractions with 10 observations per week. 7/23