

**HACKETTSTOWN REGIONAL MEDICAL CENTER
JOAN KNECHEL CANCER CENTER
VARIAN 21EX ACCELERATOR WATER TEMPERATURE**

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Effective Date: February 2013

Policy No: ROC TECH 90

Cross Referenced:

Origin: Radiation Oncology

Reviewed Date:

Authority: Executive Director

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SCOPE:

Department of Radiation Oncology

DEFINITIONS:

N/A

PURPOSE

To monitor water temperature in the Accelerator Daily.

POLICY

To ensure the proper use of the Linac, it is critical that daily water temperature be recorded.

PROCEDURE

- 1) Water temperature readings should be within +/- 2 degrees of the accelerator's normal temperature of 38 degrees.
- 2) Normal Range = 36 – 40 degrees;
- 3) If temperature not within normal range, as noted in #2, DO NOT use the Linac Machine. Contact Maintenance to check the rooftop chilller. If not resolved, contact vendor with Maintenance agreement on the Linac.
 - a. Contact Oncology Services International (OSI) 800-445-4516
- 4) Once service complete, Radiation Therapists will perform daily start up QA procedure before the first patient is treated.