

Hospital	Event Number: 41872
Rep Org: WINCHESTER MEDICAL CENTER Licensee: VALLEY HEALTH SYSTEM Region: 1 City: WINCHESTER State: VA County: License #: 450158901 Agreement: N Docket: NRC Notified By: KERI WILLIAMS HQ OPS Officer: PETE SNYDER	Notification Date: 07/26/2005 Notification Time: 16:10 [ET] Event Date: 07/22/2005 Event Time: 10:00 [EDT] Last Update Date: 07/26/2005
Emergency Class: NON EMERGENCY 10 CFR Section: 35.3045(a)(1) - DOSE <> PRESCRIBED DOSAGE	Person (Organization): GLENN MEYER (R1) SCOTT MOORE (NMSS)

### Event Text

#### MEDICAL EVENT - ADMINISTRATION OF LOWER DOSE THAN PRESCRIBED

On July 22, 2005 a patient was administered a dose of 2.64 rem from a 66 mCi (millicurie) source of Sm 153 versus the intended dose of 4.28 rem for bone pain therapy. This was discovered later when the medical technologist questioned the dose and raised a question with the supervisor. When the technologists checked the calibration setting of the instrument used to measure the source they discovered that the calibration setting was incorrect. With the incorrect calibration setting a source of 66 mCi of Sm 153 was used versus the intended 107 mCi source. The prescribing physician will notify the patient's doctor who will contact the patient. There was no known adverse affect on the patient.

The hospital took a corrective action of retraining and adding a check on their administration sheet that requires the technologist to check the instrument calibration setting.