



ARIZONA RADIATION REGULATORY AGENCY  
**NOTICE OF REGISTRATION CERTIFICATE FOR  
PARTICLE ACCELERATOR**

Pursuant to Chapter 4, Title 30, Arizona Revised Statutes, and Title 12, Chapter 1 of the Arizona Administrative Code, and in reliance on statements and representations made to the Agency by the registrant, a registration is hereby issued authorizing the reception, possession, and use of the particle accelerator listed in this registration at the places specified. This registration is subject to all applicable rules and Agency orders now or hereafter in effect and to the conditions specified. In accordance with letter dated May 7, 2008, signed by Daniel Silvain, M.S., Registration No. PA-018 is hereby renewed in its entirety to read as follows: **ALL CHANGES ARE IN BOLD**

**REGISTRANT**

1. **NAME:** Medical Center Corporation d/b/a  
(University Medical Center and Board of Regents)  
(d/b/a University of Arizona)
2. **ADDRESS:** a. **Use Address:**  
1501 N. Campbell  
Tucson, Arizona 85724
- b. **Mailing Address:**  
P.O. Box 245101  
Tucson, Arizona 85724
3. a. **REGISTRATION NO.:** PA-018 (10-H-3630)  
b. **AMENDMENT NO.:** 9
4. **EXPIRATION DATE:** December 20, 2014
5. **TYPE OF MACHINE:** Medical Therapy

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|-------------------------|----------------------|-----------------------|
| 6. <b>MANUFACTURER:</b> | 7. <b>MODEL NO.:</b> | 8. <b>SERIAL NO.:</b> |
| A. Siemens              | A. MD2               | A. No. 2705           |
| B. Elekta               | B. Precise           | B. No. 105563         |
| C. Varian               | C. Rad 21            | C. No. 84853-30       |
| D. Tomotherapy Hi-Art   | D. 2-690-10003       | D. No. 0210180        |
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**CONDITIONS**

9. The registrant shall notify the Agency within thirty days of any change which renders the information contained in this registration inaccurate. A change in the ownership or possession of the source shall terminate this registration.
10. No person, in any advertisement, shall refer to the fact that a source of radiation is registered with the Agency and no person shall state or imply that any activity under this registration has been approved by this Agency.
11. A. Particle accelerators listed under subitems A thru C of Items 6, 7, and 8 shall be used for therapy purposes by or under the supervision of:  
Baldessarre Stea, M.D.      Deirdre M. Cohen, M.D.      Shona T. Dougherty, M.B., Ch.B., Ph.D.
- B. The qualified experts for this registration are:  
Thomas C. Cetas, Ph.D.      Lars A. Ewell, Ph.D.      Russell J. Hamilton, Ph.D.  
Christopher Watchman, Ph.D.
- C. The Radiation Safety Officer for the particle accelerator(s) shall be Daniel Silvain, M.S.

**POST IN ACCORDANCE WITH R12-1-1002**

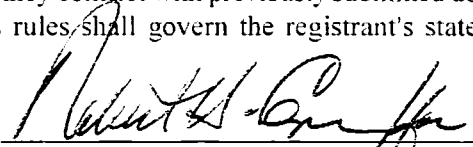
ARIZONA RADIATION REGULATORY AGENCY

RADIOACTIVE MATERIAL REGISTRATION  
SUPPLEMENTARY SHEET

Registration Number: PA-018  
Amendment Number: 9

12. The registrant shall establish procedures to ensure that the therapy dose is correct, and as prescribed by the therapy physician. The registrant shall establish procedures that specify; the time-frame in which the check shall occur, based on the specific therapy plan; the protocol used to make the check, and designate which staff member will perform the check.
13. The registrant shall ensure that an interlock system is in place and used to prevent irradiation with X-rays in accordance with R12-1-905(A) (6) (c), except to obtain an image, when electron applicators are fitted.
14. The registrant shall establish a quality management program to provide high confidence that radiation is administered as directed by the prescribing physician.
15. Each registrant shall use the services of a third party qualified expert or third party TLD system to verify the accelerator's radiation output every 2 years.
16. The registrant shall notify the Agency of removal from service any machine listed on this registration within 15 days of its removal. The information provided shall include name and address of the person receiving the machine.
17. Except as specifically provided by the registration, the registrant shall possess and use the particle accelerator(s) described in this registration in accordance with statements and representations contained in:
  1. Letter dated January 5, 2005, signed by Mel Young, Ph.D., with three applications for renewal, dated November 30, 2004, signed by Daniel Silvain M.S.
  2. Letter dated December 8, 2004, signed by Daniel Silvain, M.S.
  3. Letter dated May 7, 2008, signed by Daniel Silvain, M.S.

The most recent statements, representations, and procedures shall govern if they conflict with previously submitted documents, unless otherwise specified by a registration condition; and the Agency's rules shall govern the registrant's statements in applications or letters.

  
AUBREY V. GODWIN, DIRECTOR

ISSUE DATE:

PRK:AVG:sec

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