

West
Shore
Hospital

1465 EAST PARKDALE AVENUE MANISTEE, MICHIGAN 49660 (616) 723-3501

United States Nuclear Regulatory Commission
Materials Licensing Division, Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Re: Amendment to Materials License #21-16277-01

Gentlemen:

We request the following changes in our present license conditions:

1. Individual users:

a. Add:

Benjamin Rodemar, D.O., presently authorized under
license #21-17362-01

Thomas Miles, D.O., presently authorized under license
#21-17362-01

b. Delete:

Manuel Aquino, M.D.

2. Radioactive Material for Medical Use:

a. Delete:

Groups IV and VI (retain the use of I-125 as seeds
for interstitial treatment of cancer with a maximum
possession limit of 100mCi. Guidelines to be followed
as safety precautions for therapeutic use of I-125
seeds are included with this amendment request.)

A check for \$40.00 has been enclosed to enable proper processing
of these amendment changes. Please direct any questions to either
myself (616) 723-3501 or Mr. Tony Mason (Medical Physics Consul-
tants) (313) 662-3197.

Sincerely,

Burton O. Parks
Burton O. Parks
Administrator

BOB/jb

encl.

RECEIVED BY LFMB	
Date	10/24/83
Log	at 19/24
By	CP
Orig To	RTH
Action	CP

Applicant
Check No.	11723
Amount/Fee Category	\$40.00
Type of Fee	amendment
Date Check Rec'd	10/24/83
Received By	CP

OCT 19 1983

8610070434 860806
REG3 LIC30
21-16277-01 PDR

Control No. 75778

RECEIVED

OCT 19 1983

REGION III

HEALTH - A COMMUNITY PROJECT

West
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DEC 24 AM 11

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Control No. 73778

GUIDELINES

RADIATION SAFETY PRECAUTIONS FOR THERAPEUTIC USE OF I-125 SEEDS

GENERAL

1. Personnel who prepare, insert or retrieve I-125 seeds must wear a finger or wrist type monitoring device to monitor radiation exposure to the extremities.
2. To maintain accountability of the seeds, a source inventory should be performed at the following times: a) when the seeds are removed from storage; b) before and after the seeds are loaded in the applicator; c) before and after surgery.
3. In transporting seeds from storage - preparation areas to the place of use, adequate shielding must be employed to insure compliance with 10 CFR 20.105(b).

INSTRUCTIONS TO NURSES (for hospitalized patients)

1. Nurses will be given a description of the size and appearance of the seeds.
2. Handle dislodged seeds with a spoon or forceps, never by hand. Place the dislodged seeds in a shielded container provided by the Radiation Safety Officer.
3. Surgical dressings and bandages used to cover the area of the insertion may be changed only by the attending physician. Dressings should be kept in a basin until checked by the Radiation Safety Officer.
4. All bed linen must be checked with a radiation survey meter before being removed from the patient's room to insure that no dislodged sources are inadvertently removed.
5. No special precautions are needed for sputum, urine, vomitus, stools; dishes, instruments, or utensils unless specifically ordered.
6. Emergency Procedures
 - a) If a seed becomes loose or dislodged from the patient, or
 - b) If the patient dies, or
 - c) If the patient requires emergency surgery, immediately call

Telephone No. (Days) _____

(Nights) _____

7. When the patient is discharged, call the Radiation Safety Officer and request a radiation survey of the room.

Control No. 7 5 7 7 8

July, '81

¹²⁵I WEST SHORE HOSPITAL
Implant Radiation Survey

1. Room No. _____ 2. Hospital No. _____
3. Patient's Name _____
4. Radioisotope ¹²⁵I _____ 5. Activity _____ mCi
6. Treatment Time: From _____ to _____
7. Applicator(s) _____
8. Area of treatment _____

I. Radiation Survey During Radionuclide therapy.

9. Exposure at 1 Meter _____ mR/h

10. Exposure Rate in adjacent rooms.

Room No.	Name of Patient	Age	Exposure Rate mR/h	Total Exposure mR

11. Time and Date of Survey _____

12. Signature of Surveyor _____

II. Radiation Survey after removal of Radionuclide therapy.

13. Exposure survey in Patient's Room done by _____

14. Numbers and activity of radionuclide returned to carrier _____

III. Survey Instrument.

Make Victoreen

Model 6B

Serial No. 26918

Date of Last Calibration 10/20/82

