



0400002

PLACE LABEL HERE.

IF LABEL NOT AVAILABLE, WRITE IN PT NAME & MR#

**DEPARTMENT OF RADIATION ONCOLOGY
PATIENT INSTRUCTIONS, I-125 EYE PLAQUE APPLICATION**

You are about to receive treatment with a radioactive eye plaque. The plaque consists of up to 24 radioactive Iodine-125 seeds embedded in a silicon-rubber disk-shaped mold, which in turn is glued into a gold disk-shaped trough. By design, the radiation emitted by this radioactive iodine isotope is of short range and most of the dose will be absorbed in the eye being treated. Still, a small amount of scattered radiation will exit your body and be detectable with survey meters. While the radiation exposure to people around you does not pose a significant risk to them, you should help us comply with federal regulations and take precautions to reduce the exposure to members of your family and others to levels which are as low as possible.

- You must return to the hospital at the stated time for plaque removal. If the plaque is not removed on time, then the radiation dose received by the tumor in your eye will exceed that which was prescribed by the physician.
- Always wear the lead eye patch provided, for it reduces the radiation levels around you by a factor of almost ten. You may remove this radiation shield only for the time needed to wash. At all other times, it should remain in place. A family member may assist you briefly to tape the shield comfortably over your eye.
- Keep away from others whenever possible, since the greater this distance is, the lower will be the exposure they will receive. We recommend you avoid all children and pregnant women.
- To reduce the radiation exposure to your spouse, you should sleep alone for the duration of your treatment.
- You can resume your normal activities but stay at home or in your yard. Leave home only to come to the hospital for plaque removal.
- Keep the yellow "Radioactive Precautions" wrist bracelet on at all times. Its purpose is to alert emergency responders to your radiation therapy should you need other medical attention. Please point out to them your wrist bracelet and mention the presence of the radioactive eye plaque. Also, have the ER contact the UVa Radiological Physics staff listed below for assistance. Any loss of radioactive material from the plaque should also be reported to UVa ASAP. Note: The bracelet will be removed by Radiological Physics immediately after your plaque is taken off.
- Should you have questions regarding the radiation aspects of your treatment, please call one of the phone numbers listed below:

Radiological Physics Office (434) 924-5421 (Monday –Friday 8am-5pm)

Radiological Physicist on Call (434) 924-0000, and ask for the operator for PIC 1382.

I have read and understood the instructions listed above. I agree to follow these precautions and understand that I can contact Radiological Physics with questions about radiation safety. I agree to return to the hospital on _____ (Date for plaque removal)

Patient Name/Signature _____ Date _____

Clinician Name/Signature _____ Date/PIC _____