

**Guam Medical Imaging Center**



**Nuclear Medicine**

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docket 030-35716

**Nathaniel B. Berg, M.D., DABR**

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472 Chalan San Antonio Suite 111

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January 15, 2017

To: Janine F. Katanic, PhD, CHP  
Senior Health Physicist  
US Nuclear Regulatory Commission  
Region IV/DNMS/NMSB-A  
1600 E Lamar Blvd, Arlington, TX 76011

Subj: Response to NRC Inspection Findings

Dr. Katanic:

Thank you for your thorough evaluation of our nuclear medicine facility. We appreciate your expertise, professionalism and valuable input during our recent inspection. In response to your observations, we are working together to evaluate the sources of the problems and to develop appropriate solutions. We are dedicated to our patients and will do what is needed to ensure compliance and the continued delivery of quality care. In this regard, the actions described below have already been taken.

Regarding our Non-Compliance with regulations governing Written Directives:

a. History – findings you identified:

Following a discussion of all case between the technologist and the authorized user, cases were planned and a verbal order was provided to the technologist. We have always used electronic signatures which were then applied to the order. These were co-signed by the certified nuclear medicine technologist. This process was only used for standard doses. All cases were discussed between an authorized user and the certified nuclear medicine technologist before applying the electronic signature and always prior to the administration of doses.

b. Response:

- i. All authorized users and the technologist have read NUREG 1556 Vol.9 Rev. 2 section 8.35 and appendix S. We have set in place the following permanent changes to our operating procedures:

1. All orders for radioactive therapies, both 131-Iodine and 223-Radium, will be reviewed by both an authorized user and a certified nuclear medicine technologist. If a case is approved, a written directive will be produced that conforms to 10CFR 35.40. It will contain the patient's name and another identifier to include the patient's date of birth and permanent medical record number. It will also include the planned radioactive drug, dosage, and route of administration. Once prepared, it will be reviewed for accuracy by the authorized user. When found to be properly prepared, the written directive will be physically signed and dated by an authorized user prior to the administration of any therapeutic dose.
2. All written directives will be reviewed for compliance at each quarterly Radiation Safety Committee meeting.

2. Release of 131-Iodine Radiotherapy patients

a. History – findings you identified:

- i. We met with all potential radioiodine therapy patients to go over their low iodine diet, and to review medications. At that time we also reviewed home life and living conditions to ensure that they were aware of the radiation precautions and restrictions. We specifically addressed issues relating to the age of occupants of the household. We always had a detailed discussion regarding the necessary restrictions including isolation or segregation. We used lay language when talking about the use of time, distance and shielding to ensure that the general public dose limits would not be exceeded.

b. Response:

- i. All authorized users and the technologist have read NUREG 1556 Vol.9 Rev. 2 section 8.36 and appendix U. We have set in place the following permanent changes to our operating procedures:


1. All patients receiving 131-Iodine will be counselled prior to administration, as done previously and described above. In addition of the following will be completed at the time of dose administration:
  - a. Patients will be given specific bags for waste disposal. The specified trash bags will be leak proof. The patient will be instructed that the bags should be tightly closed and stored in a secure place at least 6 feet away from people and


animals at the end of the isolation period. If they do not indicate that they have a garbage can that has a lid that can close, they will be instructed to purchase one. The patient will be told that the bags can be taken to the usual household trash disposal sites after 80 days (10 half lives of 131-Iodine). Note: this will ensure the safety of the general public and radiation detectors at the waste handling facilities should not produce alarms. Each provided bag will be clearly labeled as to what date constitutes 80 days after the dosage administration.

- b. Patients receiving therapeutic doses of 131-iodine for hyperthyroidism will be measured after dose administration at 1 meter. They will be discharged if the measurement level is below 7 mrem/hr. They will be held if above the 7 mrem/hr and measured at 30 min intervals until the level is below 7mrem/hr – the unrestricted release mark.
- c. If the patient was treated for thyroid cancer with a therapeutic dose of 131-Iodine, they will have been instructed regarding their isolation procedures as above. They will also have been instructed to return in 3-5 days at which time another measurement will made to determine if they can be released. They will be released if measured at 1 meter, the level is below 7mrem/hr. If they are measured at a level above 7mrem, they will stay in isolation and will return daily for measurement and will not be released until measured below 7mrem/hr at 1 meter distance.
- d. All patients receiving more than 7 mCi of 131-Iodine will be given written instructions on precautions and the waste disposal bag.  
Please see the attached written instructions.

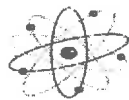
We take to heart you having identified serious flaws in our program. Moving forward, we will more carefully monitor our program for deficiencies and will act diligently to correct all those identified thoroughly and quickly.

Thank you,

  
Nathaniel B. Berg, M.D.  
Radiation Safety Officer  
Authorized User  
nberg@guamradiology.com

  
James M. Kay, CNMT  
Clinic Administrator  
[jkay@guamradiology.com](mailto:jkay@guamradiology.com)

# Guam Medical Imaging Center



## Nuclear Medicine

Phone: (671)649-9227 Fax: (671) 649-9228

### Your Personal Contact for questions or concerns:

**James M. Kay, CNMT**

472 Chalan San Antonio Suite 111

Tamuning, Guam 96913

Direct Line: (671)649-1020

[jkay@guamradiology.com](mailto:jkay@guamradiology.com)

Today, you are receiving a medication that contains a radioactive form of Iodine called Iodine 131. It is often abbreviated as I-131. Although you were counseled regarding precautions and received a written copy of these precautions at the time you were scheduled for your exam, we are providing you with another copy today. We ask that you read this thoroughly now. You can ask any questions you would like now and you should feel free to contact us at any time if you have any questions or concerns later. Please be sure you feel you understand the restrictions and that you can comply with them.

If you have not yet, you should obtain wipes and/or toilet paper that can be flushed down the toilet and disposable gloves if others will be helping to take care of you during the restricted period after your medicine is administered today. You should obtain paper plates, cups and utensils as well as paper towels and paper napkins. You should have identified a place where you can store the trash bags for 80 days. If you have not notify the Nuclear Medicine technologist now – before you take the medicine.

Heavy duty leak proof bags will be provided to you today. You will need to use them to store all of your used disposable paper plates, cups and utensils. You will also need to use them to store special medical equipment you may need, such as catheters, ostomy bags, or anything that could be contaminated by your body fluids. You will be instructed as to when you need to return to the clinic and when you will no longer need to place these items in the special bags we provide. After you have been told by the Nuclear Medicine Technologist that you no longer need to use the bags (or one becomes full) the bags should be tightly closed and stored in a secure place at least 6 feet away from people and animals until the date labeled on the bags. The bags will be clearly labeled as to the date you may dispose of them in regular household garbage.

You are being given Personal Hygiene precautions. Please follow them carefully. Urine is the primary excretion route for I-131. That is, is the main way your body will get rid of excess radioactive iodine. Excretion in urine is maximal during the first 48 hours after treatment. Sufficient fluid (3–4 liters per day) should be consumed to enable frequent urination. As we indicated during counseling when scheduling you for the treatment, you should discuss the increased fluid intake with your physician to see if this is not appropriate for you due to any medical condition. Diuretics should be discontinued if possible. Here too, you should have discussed this with your physician to see if that is not appropriate for your

## Guam Medical Imaging Center

specific condition. Follow your physician's instructions. You should adjust your fluid intake so you are voiding (urinating) about once an hour while awake for the first day after today's treatment. The goal is to have you continue to void often for the next few days to reduce radiation exposure to the urinary bladder and adjacent internal organs.

**The following recommendations are for all restricted periods – you will be told by the Nuclear medicine Technologist when you are no longer in a restricted period. This will be determined by measurements taken when you return to the clinic.**

Both men and women should sit for urination to avoid splatter of radioactive urine. All patients should wipe themselves dry to avoid dripping and contamination of clothing. Flushable clean-up items should be flushed down the toilet.

Flush the toilet twice after each use.

If possible, use your own toilet – not a shared toilet. In any case, do not allow small children or animals to gain access to the toilet you use. Wiping the rim of the toilet with damp toilet paper (or a flushable wipe) that is subsequently flushed may remove a source of radiation that can reach others. Please do this every time you use the toilet. Although we want you to use a single private toilet, wiping this way is especially important when a bathroom is being shared with household members or a public restroom is used.

**Hand washing with soap and plenty of water after using the toilet is extremely important and should be completed for at least 1 minute after each use.**

If urinary incontinence is anticipated (if you have difficulty controlling your bladder), this will have been discussed by you with our Certified Nuclear Medicine technologist during the planning stages. If you have not discussed it with the technologist – do so now, before you take the medicine. If you do have bladder control problems, please follow carefully any individual instructions you are provided. You can ask any questions you would like regarding these separate instructions now and you should feel free to contact us at any time if you have any questions or concerns later.

If you do use them, incontinence pads must be disposed of in two (double) of the heavy duty labeled plastic trash bags we have provided.

Non-flushable items such as paper towels should be disposed of in one of the labeled specified trash bags. If a caregiver assists with the clean-up, he or she should wear disposable plastic gloves during the clean-up process. The gloves should then be disposed of in the labeled trash bags we provided.

Every time you empty your bowels, you reduce radiation to yourself and also to individuals nearby. To ensure a daily bowel movement, a laxative may be used. Wiping and flushing should follow the same directions as for urination. Also, defecation accidents require the same precautions for clean-up as described under urinary incontinence.

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Radioactive saliva can contaminate food utensils, beverages, toothbrushes, sinks, pillowcases, and telephone mouthpieces, so precautions apply to all of these items. We advise you use disposable food utensils and that you place them in the provided labeled trash bags. If you live alone or in an environment that is very well controlled with regard to people coming and going, washable utensils can be used. After eating, washing food utensils, glassware, and dishes in a dishwasher or by hand will suffice; the dishes should be washed separately from those of the family and plenty of water should be used with an effort to avoid splashing of water. After washing the area should be wiped with paper towels that are then disposed of in the provided labeled trash bags. If telephone mouthpieces are shared, they should be wiped carefully after use by the patient or covered with an easily removed plastic bag. Personal cell phones are preferred.

**Blood, wound drainage, and mucus:** The following recommendations apply to the daytime periods of restrictions. Blood from wounds, epistaxis, menstruation, and other sources typically contains low levels of radioactivity, but, nevertheless, require precautionary clean up; again, anyone providing assistance should use disposable gloves. Bandages, clean-up materials, menstrual pads, and gloves should be disposed of in the specified labeled trash bags provided. Nasal mucus can also contain <sup>131</sup>I and tissues, unless on a flushable item, such as tissue, they should be disposed of in the specified trash bags.

**Perspiration:** A small amount of radioactive iodine will appear in sweat. This could be transferred by hands to family members. Avoid touching areas containing sweat and wash your hand for at least one minute soap and plenty of water if you do touch a sweaty part of your body. Wiping exercise equipment after you use it during the first 48 hours after treatment with flushable wipes should be sufficient to remove any hazard. If you use non-flushable items, such as paper towels and other non-flushable clean-up materials should be disposed of in the specified trash bag. Work and/or exercise clothing that are heavily soiled with perspiration should be washed immediately or kept away from household members until laundered. Likewise, all bedding and bed clothes should be handled with care during the restricted period – the same amount of time that you are restricted from sleeping with another person (as indicated above). All bed should be laundered before exposure to others. Since radioactive iodine concentrations are present in the saliva for as long as 7 days, patients should avoid kissing, especially of children, for the period in which sleeping with others is restricted.

You should wear disposable gloves if you must prepare meals for others during the same restricted periods.

For the period of restriction, if you vomit, the vomit should be collected using disposable gloves and preferably, flushed down the toilet; gloves and non-flushable material, such as paper towels, should be placed in the specified labeled trash bags we provided. Specified bag for waste disposal.

The specified labeled trash bags we provided are leak proof. These bags the bags should be tightly closed and stored in a secure place at least 6 feet away from people and animals. They should be separated from your regular trash. The bags can be taken to the usual

## Guam Medical Imaging Center

household trash disposal site after 80 days. The labeled date on the bags is 80 days from today.

Please only make necessary trips during your restricted period. During the restricted period, if you are well enough, it is best to drive yourself. **If you ride with a woman, she should not be pregnant; ask her in advance.** If she is unsure, find another driver. Maintain a distance of greater than 3 feet (use the back seat on opposite side of the driver)

### Emergency Care:

You will get an information card or letter at the time of your treatment that will show the date, and amount of radioiodine that you were treated with; carry this card with you at all times for at least 3 months following your treatment. If you are in a traffic accident or any other medical emergency during the first week after your treatment, you should show this card to the medical people to let them know about the date and dose of your radioiodine treatment.

### UNDERSTANDING:

If you have had a chance to read this document; and feel that you understand it and you have had an opportunity to have your questions answered to your satisfaction; and you have an ability to comply with and will follow the restrictions; and you want to proceed with treatment today:

Sign here: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Please write your name: \_\_\_\_\_

If not the patient and you are legally authorized to sign for the patient:

Your relationship to the patient: \_\_\_\_\_

By signing above, I also agree to return to the clinic if necessary (or bring the patient back if I am not the patient) on:

\_\_\_\_\_ at \_\_\_\_\_  
DATE TIME

### COUNSELING CERTIFIED NUCLEAR MEDICINE TECHNOLOGIST:

\_\_\_\_\_  
NAME SIGNATURE DATE TIME

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For Questions or Concern Contact:

**James M. Kay, CNMT**

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[jkay@guamradiology.com](mailto:jkay@guamradiology.com)

### HERE ARE A FEW GENERAL RESTRICTION REMINDERS

The specific number of days will be filled in by the Certified Nuclear Medicine Technologist

\_\_\_\_\_ Days that you need to stay more than 3 feet away from your adult family members and caregivers for at least 18 hours a day, and at least 6 feet away as much as possible.

\_\_\_\_\_ Days that you need to stay more than 6 feet away from babies, children younger than 16 years old and pregnant women.

\_\_\_\_\_ Days that you need to stay away from work and close contact with others in public places (movies, shopping, etc).

\_\_\_\_\_ Days that you need to stay away from school or day-care (includes both teachers and students).

Try to move your bowels every day and use a laxative if you need help. Empty your bladder (urinate) every hour or so during the day of, and day after your radioiodine treatment; follow your doctor's advice on how much to drink.

**For \_\_\_\_\_ days after today's treatment, you should:**

Flush the toilet twice after each time you use it. Use wipes (preferably flushable) to clean the toilet seat after use; men should sit down to urinate and use wipes to remove splatter of urine; wipe yourself dry after urinating so that you do not drip and always wash your hands well after using the toilet.

Rinse the sink and wash your hands after brushing your teeth to wash away the saliva (spit)  
Do not share your toothbrush, razor, face cloth, towel, food or drinks, spoons, forks, glasses and dishes

Shower every day for at least the first 2 days after your treatment;

Try not cook for other people. If cooking is necessary, use plastic gloves and dispose of them in the specified plastic trash bag. Use paper plates, cups and utensils which must be put into a specified plastic trash bag. Wash any dishes you do use in a dishwasher or by hand separately from others.

Sleep alone in a bed that is more than 6 feet away from another person, and, if possible, use a separate bedroom or sleeping room all by yourself. Do not kiss anyone. Do not have sexual activity.

For a phone you share with others, after use, wipe off the mouthpiece, or, while using, cover the phone with a plastic bag that, after use, is placed in the specified plastic trash bag.



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Direct Line: (671)649-1020

[jkay@guamradiology.com](mailto:jkay@guamradiology.com)

For treatment of your thyroid disease you will be receiving a medication that contains a radioactive form of Iodine called Iodine 131. It is often abbreviated as I-131. We ask that you read this thoroughly now. You can ask any questions you would like now and you should feel free to contact us at any time if you have any questions or concerns later. Please be sure you feel you understand the restrictions and that you can comply with them.

#### **Supplies:**

You will need to obtain wipes and/or toilet paper that can be flushed down the toilet and disposable gloves if others will be helping to take care of you during the restricted period after your medicine is administered. You will need to obtain paper plates, cups and utensils as well as paper towels and paper napkins. You will have to identify a place where you can store the trash bags for 80 days.

#### **Waste:**

The trash will be placed in heavy duty leak proof bags we will be providing to you on the day of treatment. You will need to use them to store all of your used disposable paper plates, cups and utensils. You will also need to use them to store special medical equipment you may need, such as catheters, ostomy bags, or anything that could be contaminated by your body fluids. You will be instructed as to when you need to return to the clinic and when you will no longer need to place these items in the special bags we provide. After you have been told by the Nuclear Medicine Technologist that you no longer need to use the bags (or one becomes full); the bags should be tightly closed and stored in a secure place at least 6 feet away from people and animals until the date labeled on the bags. The bags will be clearly labeled as to the date you may dispose of them in regular household garbage.

#### **Personal Hygiene precautions:**

Please follow these carefully. Urine is the primary excretion route for I-131. That is, is the main way your body will get rid of excess radioactive iodine. Excretion in urine is maximal during the first 48 hours after treatment. Sufficient fluid (3–4 liters per day) should be consumed to enable frequent urination. You will need to discuss the increased fluid intake with your physician to see if this is not appropriate for you due to any medical condition. Diuretics should be discontinued if possible, you should discuss this with your physician to see if that is not appropriate for your specific condition. Follow your physician's instructions. You should adjust your fluid intake so you are voiding (urinating) about once an hour while awake for the first day after today's treatment. The goal is to have you continue to void

## GUAM MEDICAL IMAGING CENTER

often for the next few days to reduce radiation exposure to the urinary bladder and adjacent internal organs.

**The following recommendations are for all restricted periods – you will be told by the Nuclear medicine Technologist when you are no longer in a restricted period. This will be determined by measurements taken when you return to or before you leave the clinic.**

### Urination:

Both men and women should sit for urination to avoid splatter of radioactive urine. All patients should wipe themselves dry to avoid dripping and contamination of clothing. Flushable clean-up items should be flushed down the toilet.

Flush the toilet twice after each use.

If possible, use your own toilet – not a shared toilet. In any case, do not allow small children or animals to gain access to the toilet you use. Wiping the rim of the toilet with damp toilet paper (or a flushable wipe) that is subsequently flushed may remove a source of radiation that can reach others. Please do this every time you use the toilet. Although we want you to use a single private toilet, wiping this way is especially important when a bathroom is being shared with household members or a public restroom is used.

**Hand washing with soap and plenty of water after using the toilet is extremely important and should be completed for at least 1 minute after each use.**

If urinary incontinence is anticipated (if you have difficulty controlling your bladder), please inform our Certified Nuclear Medicine technologist today for instruction. If you do have bladder control problems, please follow carefully any individual instructions you are provided. You can ask any questions you would like regarding these separate instructions now and you should feel free to contact us at any time if you have any questions or concerns later.

If you do use them, incontinence pads must be disposed of in two (double) of the heavy duty labeled plastic trash bags we are providing at time of treatment.

Non-flushable items such as paper towels should be disposed of in one of the labeled specified trash bags. If a caregiver assists with the clean-up, he or she should wear disposable plastic gloves during the clean-up process. The gloves should then be disposed of in the labeled trash bags we provided.

### Bowel Movements:

Every time you empty your bowels, you reduce radiation to yourself and also to individuals nearby. To ensure a daily bowel movement, a laxative may be used. Wiping and flushing should follow the same directions as for urination. Also, defecation accidents require the same precautions for clean-up as described under urinary incontinence.

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### Saliva:

Radioactive saliva can contaminate food utensils, beverages, toothbrushes, sinks, pillowcases, and telephone mouthpieces, so precautions apply to all of these items. We advise you use disposable food utensils and that you place them in the provided labeled trash bags. If you live alone or in an environment that is very well controlled with regard to people coming and going, washable utensils can be used. After eating, washing food utensils, glassware, and dishes in a dishwasher or by hand will suffice; the dishes should be washed separately from those of the family and plenty of water should be used with an effort to avoid splashing of water. After washing the area should be wiped with paper towels that are then disposed of in the provided labeled trash bags. If telephone mouthpieces are shared, they should be wiped carefully after use by the patient or covered with an easily removed plastic bag. Personal cell phones are preferred.

### Blood, wound drainage, and mucus:

The following recommendations apply to the daytime periods of restrictions. Blood from wounds, epistaxis, menstruation, and other sources typically contains low levels of radioactivity, but, nevertheless, require precautionary clean up; again, anyone providing assistance should use disposable gloves. Bandages, clean-up materials, menstrual pads, and gloves should be disposed of in the specified labeled trash bags provided. Nasal mucus can also contain <sup>131</sup>I and tissues, unless on a flushable item, such as tissue, they should be disposed of in the specified trash bags.

### Perspiration:

A small amount of radioactive iodine will appear in sweat. This could be transferred by hands to family members. Avoid touching areas containing sweat and wash your hand for at least one minute soap and plenty of water if you do touch a sweaty part of your body. Wiping exercise equipment after you use it during the first 48 hours after treatment with flushable wipes should be sufficient to remove any hazard. If you use non-flushable items, such as paper towels and other non-flushable clean-up materials should be disposed of in the specified trash bag. Work and/or exercise clothing that are heavily soiled with perspiration should be washed immediately or kept away from household members until laundered. Likewise, all bedding and bed clothes should be handled with care during the restricted period – the same amount of time that you are restricted from sleeping with another person (as indicated above). All bed should be laundered before exposure to others. Since radioactive iodine concentrations are present in the saliva for as long as 7 days, patients should avoid kissing, especially of children, for the period in which sleeping with others is restricted.

You should wear disposable gloves if you must prepare meals for others during the same restricted periods.

For the period of restriction, if you vomit, the vomit should be collected using disposable gloves and preferably, flushed down the toilet; gloves and non-flushable material, such as paper towels, should be placed in the specified labeled trash bags we provided.

The specified labeled trash bags we provided are leak proof. These bags should be tightly closed and stored in a secure place at least 6 feet away from people and animals. They

**GUAM MEDICAL IMAGING CENTER**

should be separated from your regular trash. The bags can be taken to the usual household trash disposal site after 80 days. The labeled date on the bags will be 80 days from treatment.

Please only make necessary trips during your restricted period. During the restricted period, if you are well enough, it is best to drive yourself. **If you ride with a woman, she should not be pregnant, ask her in advance.** If she is unsure, find another driver. Maintain a distance of greater than 3 feet (use the back seat on opposite side of the driver).

Emergency Care:

You will get an information card or letter at the time of your treatment that will show the date, type and amount of radioiodine that you were treated with; carry this card with you at all times for at least 3 months following your treatment. If you are in a traffic accident or any other medical emergency during the first week after your treatment, you should show this card to the medical people to let them know about the date and dose of your radioiodine treatment.

UNDERSTANDING:

If you have had a chance to read this document; and feel that you understand it and you have had an opportunity to have your questions answered to your satisfaction; and you have an ability to comply with and will follow the restrictions; and you want to proceed with treatment we will schedule you.

Sign here: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Please write your name: \_\_\_\_\_

If not the patient and you are legally authorized to sign for the patient:

Your relationship to the patient: \_\_\_\_\_

Fasting from midnight the night before and for two hours after with the exception of water is necessary before treatment. By signing above, I also agree to return to the clinic (or bring the patient back if I am not the patient) for treatment on:

\_\_\_\_\_ at \_\_\_\_\_  
DATE TIME

COUNSELING CERTIFIED NUCLEAR MEDICINE TECHNOLOGIST:

\_\_\_\_\_  
NAME SIGNATURE DATE TIME

**Radiation Warning Card**

Guam Medical Imaging Center  
James M. Kay, CNMT  
Office: 671-649-9227 Cell: [REDACTED]

Patient: \_\_\_\_\_

received \_\_\_\_\_ mCi of 131-Iodine on \_\_\_\_\_

They will be RADIOACTIVE until: \_\_\_\_\_  
In Case of Emergency contact technologist at above numbers.

**Radiation Warning Card**

Guam Medical Imaging Center  
James M. Kay, CNMT  
Office: 671-649-9227 Cell: [REDACTED]

Patient: \_\_\_\_\_

received \_\_\_\_\_ mCi of 131-Iodine on \_\_\_\_\_

They will be RADIOACTIVE until: \_\_\_\_\_  
In Case of Emergency contact technologist at above numbers.

**Radiation Warning Card**

Guam Medical Imaging Center  
James M. Kay, CNMT  
Office: 671-649-9227 Cell: [REDACTED]

Patient: \_\_\_\_\_

received \_\_\_\_\_ mCi of 131-Iodine on \_\_\_\_\_

They will be RADIOACTIVE until: \_\_\_\_\_  
In Case of Emergency contact technologist at above numbers.

**Radiation Warning Card**

Guam Medical Imaging Center  
James M. Kay, CNMT  
Office: 671-649-9227 Cell: [REDACTED]

Patient: \_\_\_\_\_

received \_\_\_\_\_ mCi of 131-Iodine on \_\_\_\_\_

They will be RADIOACTIVE until: \_\_\_\_\_  
In Case of Emergency contact technologist at above numbers.

**Radiation Warning Card**

Guam Medical Imaging Center  
James M. Kay, CNMT  
Office: 671-649-9227 Cell: [REDACTED]

Patient: \_\_\_\_\_

received \_\_\_\_\_ mCi of 131-Iodine on \_\_\_\_\_

They will be RADIOACTIVE until: \_\_\_\_\_  
In Case of Emergency contact technologist at above numbers.

**Radiation Warning Card**

Guam Medical Imaging Center  
James M. Kay, CNMT  
Office: 671-649-9227 Cell: [REDACTED]

Patient: \_\_\_\_\_

received \_\_\_\_\_ mCi of 131-Iodine on \_\_\_\_\_

They will be RADIOACTIVE until: \_\_\_\_\_  
In Case of Emergency contact technologist at above numbers.

**Radiation Warning Card**

Guam Medical Imaging Center  
James M. Kay, CNMT  
Office: 671-649-9227 Cell: [REDACTED]

Patient: \_\_\_\_\_

received \_\_\_\_\_ mCi of 131-Iodine on \_\_\_\_\_

They will be RADIOACTIVE until: \_\_\_\_\_  
In Case of Emergency contact technologist at above numbers.

**Radiation Warning Card**

Guam Medical Imaging Center  
James M. Kay, CNMT  
Office: 671-649-9227 Cell: [REDACTED]

Patient: \_\_\_\_\_

received \_\_\_\_\_ mCi of 131-Iodine on \_\_\_\_\_

They will be RADIOACTIVE until: \_\_\_\_\_  
In Case of Emergency contact technologist at above numbers.

**Radiation Warning Card**

Guam Medical Imaging Center  
James M. Kay, CNMT  
Office: 671-649-9227 Cell: [REDACTED]

Patient: \_\_\_\_\_

received \_\_\_\_\_ mCi of 131-Iodine on \_\_\_\_\_

They will be RADIOACTIVE until: \_\_\_\_\_  
In Case of Emergency contact technologist at above numbers.

**Radiation Warning Card**

Guam Medical Imaging Center  
James M. Kay, CNMT  
Office: 671-649-9227 Cell: [REDACTED]

Patient: \_\_\_\_\_

received \_\_\_\_\_ mCi of 131-Iodine on \_\_\_\_\_

They will be RADIOACTIVE until: \_\_\_\_\_  
In Case of Emergency contact technologist at above numbers.