Katanic, Janine

From: James Kay <jkay@guamradiology.com>
Sent: Thursday, February 02, 2017 7:45 PM
To: Katanic, Janine
Cc: Nathaniel Berg
Subject: [External_Sender] Re: Radiation Inspection Guam Medical Imaging, NRC license 56-27702-01

Hi Janine,

In doing the retrospective review;

1. There were no medical events were identified. All therapeutic doses were within 10 percent of the prescribed dose, and all diagnostic I-131 doses fell within our specified dose range.
2. There were 6 studies (including the 2 we found when you were here) that had mCi and uCi switched by the clerk that is now gone out of 70 cases where I-131 was given.

For the review of written directives, they will be checked on a quarterly basis as part of our Radiation Safety Committee agenda, we will review all as the number of cases is not large. The 70 cases for 2016 included uptake and scan patients as well as thyroid therapies. I will be reviewing the patient dose logs, and will double check the number recorded against the written directive and dose sheet (dose given) as that is where the errors occurred, I will be looking at all the I-131 doses at that time and will double check the uptake doses to ensure accuracy.

At our Radiation Safety Committee meeting, we discussed this and Dr. Berg agreed that we will review all the written directives for completeness. I will review all and have Dr Berg check Dr Mallikarjunappa's and visa versa. We will review both the I-131 and Ra-223 written directives.

Thank you for all your time in helping us with our issues, I appreciate all the time you have given us.

Best regards,

Jim

James M. Kay, CNMT
Guam Medical Imaging
472 Chalan San Antonio Suite 111
Tamuning, Guam 96913
jkay@guamradiology.com
Direct line: 671-649-1020
Cell: [redacted]
Fax: 671-649-9228

On Thu, Feb 2, 2017 at 4:08 AM, Katanic, Janine <Janine.Katanic@nrc.gov> wrote:

Hi Jim,

Thanks for the update.

For the retrospective review of the I-131 procedures, were any medical events per 10 CFR 35.3045 identified?

For the review of written directives that is now being done, is there a procedure that will be followed? For example, will they be reviewed monthly, quarterly, annually? Will 100% be reviewed, or some other percent? What are the items that will be reviewed on the written directive (i.e. patient ID check, dose requested, dose delivered, authorized user, etc.)? Who will perform the review? Will the review include the I-131 and Ra-223 written directives?

Regards,

Janine

Janine F. Katanic, PhD, CHP

Senior Health Physicist

US Nuclear Regulatory Commission

Region IV

Division of Nuclear Materials Safety

office. 817-200-1151

email: Janine.Katanic@nrc.gov

From: James Kay [mailto:jkay@guamradiology.com]
Sent: Thursday, January 26, 2017 1:55 PM
To: Katanic, Janine <Janine.Katanic@nrc.gov>
Cc: Nathaniel Berg <nberg@guamradiology.com>
Subject: [External_Sender] Radiation Inspection Guam Medical Imaging, NRC license 56-27702-01

Dear Janine,

Just a followup to ensure you recieved our new forms for therapy, and to let you know we took to heart all of your suggestions. We done the following to be more ALARA aware and in compliance:

1. We have purchased the recapping blocks along with new syringe shields that will work better with the three way stopcocks.
2. I am now wearing both a right and left hand ring badge.
3. The storeroom has been added to both the daily surveys and weekly wipe testing.
4. I did a retospective review of all 131-Iodine studies and therapies and ensured the accuracy of the dose in the records.
5. We have added therapy review for written directives and accurate recording of dose in the logs.

Thank you for your suggestions, we value and thank you for the input.

James M. Kay, CNMT

Guam Medical Imaging

472 Chalan San Antonio Suite 111

Tamuning, Guam 96913

jkay@guamradiology.com

Direct line: 671-649-1020

Cell: [redacted]

Fax: 671-649-9228