

**Quality Assurance Committee
SNM Annual Meeting, Miami, FL
June 8, 2012**

Participants: Kent Friedman, MD, (Chair); Sue Abreu, MD, JD,FACNM; Keith Bigham; Paul Christian, CNMT ,BS,PET,FSNMT; Edward Eikman, MD (guest); Mary Beth Farrell ,M,CNMT,NCT,FSNMT (guest); Lorraine Fig, MD,FACNM; Leonie Gordon, MD, FACNM; Jessica Lloyd (staff) Edward Lyons, Jr., RT(R) , CNMT; Robert Pagnanelli, BSRT(R)(N)CNMT,NCT; Shannon White, PhD (guest)

Absent: Bennett Greenspan, MD, FACNM, FACR; Dacian Bonta, MD, PhD; Thomas Halpin, CNMT

I. Welcome and Call to Order

Kent Friedman called the meeting to order and the agenda was approved.

II. Approval of Meeting Minutes

Minutes from the QA Mid-Winter meeting were passed and a motion to approve was given by Dr. Friedman and seconded by Dr. Fig.

III. Updates on the individual sale Phantoms

Jessica showed the committee the new Patient Simulator website that is now online. It includes information regarding the Patient Simulator (Phantom) program as well as a little history. Then there are four sub sections. Three of the subsections are descriptions and pictures of the three patient simulators (phantoms) for sale. They are the 2010 Gastric Emptying Phantom, 2012 PET-CT Chest Phantom and the 2012 Cardiac Phantom. The fourth subsection describes the accreditation process specifically with IAC and describes the different ways to become accredited- the Patient Simulator Program being one of them. Jessica is waiting on IAC to provide her with new and updated descriptions and logos to add to the website before it can officially go live. Once live, there are plans to send out via an all member news blast as well as the newsletter and other outlets. It was discussed that once there is progress with the patient simulator marketing program, the QA committee should request a feedback form from subscribers and ask that they rate or discuss the program and add suggestions on ways to improve the program. Jessica will work with IAC to get updated links for the accreditation portion of the patient simulator site. In the fall, IAC hopes to have a QI toolbox up on their website.

IV. MOC Discussion:

The committee discussed the MOC Part 4 process. The problem is ABNS has not allowed Patient Simulators (Phantoms) to be used before. The committee also agreed to start using the name Patient Simulator instead of Phantom because it will help with becoming accredited with MOC Part 4 and help people become more familiar with the product.

Action:

- To create a proposal stating the Quality Assurance Committee created this patient simulator program. The board meets on July 18 or 19.
- Dr. Friedman will write the proposal and send to Leonie Gordon. He will have the committee review it. ABR: We need to ask them if they will do it. We may want to ask ABR and look at ABMI they may be interested in the thyroid patient simulator.

V. Principal discussion

The committee discussed the 2012 Cardiac Critique. Dr. Friedman asked everyone to be sure to thank Dacian Bonta for all his hard work on the Cardiac Patient Simulator because he did 90% of the work on the critique. We started the review from the beginning and had a comment on various tables.

We did not find the information regarding table 1B of Year Camera Purchased. The table was found to be not useful. Percents need to be added to table 1C. If you only have one number we want to add the percents. CHR means Cardiac high resolution. CHR needs to be added into the LEHR category.

*Maximum and minimum values may represent erroneous calculations

Added in sentence "Participants are encouraged to review the impact of filter frequency on image quality (smooth versus noisy)."

Table 3 is confusing and a weird representation. We would like the information for Table 3C and 3D changed back to old format. Table #3D only needs to have averages and comment on the thallium 9 v 3% due to Tl rest Tc stress protocols.

The graph on figure 1 was agreed upon (rest dose versus stress dose). We would like to turn this graph sideways and print on its own page. There also needs to be an additional graph with ratios marked.

General comments need to be added regarding high/low doses.

Shading needs to be added to figure 2 above the area of appropriate dosing. We need to show sites how to calculate as well. The total effective dose- injected dose = (MBq)*XSv/MBq.

The facility index needs to be clarified. It should be facility count.

All Percentages need to be added to question 1 under SPECT Myocardial Perfusion Exercise paragraph.

We would like to note that MD's do not fail based on tech failures.

Action: Ask Dacian about table 2 Regarding the total acquisition time.

Action: Ask Dacian to throw out the outliers.

2013 Parathyroid Patient Simulator:

The committee made the following changes to the Parathyroid Packet:

In the clinical vignette question, #2 needs to be changed to grid. We also need to find a free reference for Physician Knowledge questions.

Additional Phantoms:

Notes were taken at the spring meeting for the 2014 Bone Patient Simulator regarding where we were placing lesions. We are scheduled for the fall to test the prototype for the Bone Patient Simulator. Tom Halpin will do it and send those images to the committee. We will start writing the packet at 2013 MWM. We will get a new crew involved with the parathyroid as junior players.

C. Other Updates:

We discussed, in the future, to possibly pay SNM members to grade the information for the individual phantoms being sold. This would only take place if more people become interested in buying them. The committee will have that conversation with SNM once the issue arises.

There was a discussion regarding inviting potential new members to the QA Committee.

We would like to divide committee members into teams in order to allow all members to participate and evenly spread out work for future patient simulator projects. Places to look for potential new members are the Welcoming committee and Professional Development Committee. The plan for this year regarding recruiting new members are we will look at the resumes, have a conference call and decide who we would like at the mid-winter meeting. We will bring in guest members and ask them to be appointed at the next annual. We will then start a cycle of the first official year of membership working on a team of two. We need to ask a year to 6 months ahead of time.

Action: Jessica will send all resumes to the committee and arrange a conference call to discuss after Annual meeting.

Action: Ask Nikki Wenzel-Lamb if there are technologists and an academic committee that would be interested in participating in the QA committee. Another great group to contact would be the Technologist leadership mentoring program.

Action: To inquire whether or not a possible stipend is a possibility to help a new member travel to annual meeting (a onetime stipend). The CV council does it but they have membership that pays dues.

Action: Jessica will send Sharon (the Annual meeting guest) a timeline and a results packets to get familiarized with.

VI. Adjournment

The meeting was adjourned.