



Quality Assurance Committee

Saturday, April 5

8:30am-5:00pm

Sunday, April 6

8:30am-12:00pm

2014 Spring Meeting

SNMMI Headquarters, Reston, VA

MINUTES

Attendees: Kent Friedman, Sue Abreu, Keith Brigham, Paul Christian, Lorrain Fig, Jonathan Nye, Tom Halpin, Dacian Bonta, and Eric Novak (staff)

1. Welcome and Call to Order (*Dr. Friedman, Chair*)

2. Old Business (*Dr. Friedman, Chair*)

a. Approval of minutes

- Minutes from the Quality Assurance 2014 Mid-Winter meeting were approved.

b. Approval of Agenda

- Agenda for the Quality Assurance 2014 Spring meeting was approved.

c. Other Updates

- Discussed MOC.
 - **ACTION:** Eric will inquire about the status of the phantom exercise being adapted to MOC.
 - **ACTION:** Dr. Friedman will meet with SNMMI Education (Ann Latham) about MOC.
- The continuation of the contract with the VA was discussed.
 - **ACTION:** Dr. Friedman will write a letter to the VA describing the benefits of the phantom program, among other things.
- **ACTION:** Dr. Friedman will send the NOPR presentation from Bruce Hillner to Sue Bunning.

3. Update on Individual sale of Patient Simulators (*Eric Novak*)

- CANM purchased six 2012 Cardiac Phantoms. Another 2012 Cardiac Phantom and one 2011 PET-CT Chest Phantom will be purchased in late April.
- The committee passed an individual sale's submissions.
- The committee discussed the possibility of other organizations stealing our exercises.
 - **ACTION:** Dr. Friedman will review the GE and PET-CT result packets and critiques for individual sales.

- **ACTION:** Eric will discuss with Sue Bunning the copyright issue.

4. Discuss applications of future QA new members (*Dr. Friedman, Chair*)

- The committee received no applications.
 - **ACTION:** Eric will look into the internship program again.
 - **ACTION:** Dr. Friedman will email candidates from previous years.

5. Discuss 2014 Bone Patient Simulator database

- The Committee discussed those sites and physicians who failed and passed the exercise. It was determined that remediation should be completed in June since Dr. Fig will leave the VA that month. The QAC should be ambitious and have the packet finished in May.
- Overview of the Tech Section:
 - Some sites could not do because they had their GE Hawkeye in review.
 - Some education issues should be addressed: many people put Astonish in “Other.”
 - Reported doses weren’t out of the ordinary.
 - No technical issues were identified as items to fail participants.
 - Educational topics: filter topic, CT parameter discussion, and Routine Tracer.
- *Scoring:* There was no set rule to final scoring. There was no percentage point participants had to get to pass. QAC members decided that sites and individuals did *these things* wrong, so therefore should fail.
 - **Tech and Docs Reimage and Interpret two tables (send new instructions and doctor tables):**
 - **Site 516** (line 120, Dr. MH): low count density; need to decrease matrix to 128x128; increase time/stop (was 15 sec/flow). Noise exacerbated due to time/stop when using FBP. Multiple false positives. Doc only needs to re-do P/SPECT tables.
 - **Site 565** (Line 129, Dr. RL): mixing/air.
 - **Site 757** (Line 154, Dr. CM): mixing, cut off L1; miss-numbered SPECT 2 degrees. Teach line placement for procession.
 - **Site 621** (Line 114, Drs. AZ & SQ): poor mixing and Flood non-uniform. Integral unif >5%. (should be <3%) AZ: overcall on SPECT.
 - **Site 573** (Line 254, Dr. VT): some poor mixing (low counts in sacrum); miscounted on SPECT; and no answers on Planar “Cold” column
 - **Site 657** (Lines 267-270, Dr. MO +3): improper filling lesion line (air); mixing.
 - **Site 436** (Lines 305 & 306, Drs. BS & AS): Mixing/filling; count poor (why?); Be sure correct tracer amounts are delivered into phantom.
 - **Site 509** (Line 337): need higher resolution matrix (128x128); mixing and check filters (were all recorded on submission).
 - **Docs only Reinterpret:**
 - **Site 688** (Line 7): be sure to use complete SPECT data set
 - **Site 405** (Line 331): missed colds
 - **Doc Physician Knowledge Questions Failures:**
 - **Site 659** (Line 286, Dr. Czuba): Didn’t identify thyroid and renal cold mets.
 - **Site 544** (Line 294, Dr. RK): Didn’t identify thyroid and renal cold mets.
- *Bone Phantom Critique:*
 - **ACTION:** Jonathan Nye will write the Tech section, Dacian Bonta will write the Physician section, and Kent Friedman will write the Introduction.

6. Discuss 2015 Gallbladder Patient Simulator database

- Sue Abreu, Rob Pagnanelli, and Tom Halpin worked on the Gallbladder Packet. The committee went over the packet. Further questions will be a group effort with Rob Pagnanelli focusing on the Tech. questions.
 - **ACTION:** Sue Abreu will finish result packet and send to the group.
 - **ACTION:** Dr. Friedman will provide some interesting HIDA teaching cases for Sue Abreu.
 - (e.g. leak in different locations, gastric reflux, CBD retention, choledochal cyst, rim sign, colon on top of GB, SPECT/CT case, and very small gallbladder)

7. Future Phantoms

- Final 2016 Cardiac Phantom

8. Adjournment

- The meeting was adjourned.