

**RADIATION ADVISORY COMMITTEE MEETING**  
**Minutes**  
**October 09, 2019**

**Call to Order – Public Session**

Donna Stevens, Chair, called the Radiation Advisory Committee (RAC) into public session on October 9, 2019 at 10:02 a.m. in Conference Room 1E of the Portland State Office Building.

**Members Present:**

Stevens, Donna, Chair  
Bremner, DMD, Fred  
Cyman, DVM, Juliana

Reese, PhD, Steve  
Smith, Barbara, AARP  
Young, Scott, ODOT

**OHA RPS Members Present:**

Howe, David  
Carpenter, Todd  
Wendt, Rick  
Haskins, Hillary

Mynes, Tom  
Lind, Lee  
Herring, Brent  
Smith, Judy

**Absent:**

Franco, Janet, OHSU

Mandy, Henrikson, Co-Chair

**Guests**

Berry, Bob, Providence  
Dr. Krahenbuhl, Melinda Director, Reed Research Reactor  
Hess, Catherine, RSO, Legacy Health  
Slauson, Marjorie, MS, Kaiser Permanente  
Sardino, Michael, Sensus  
DiGioia, Monica, Clinical Applications Director, Sensus Healthcare  
Scott, Steven, Chief Operating Officer, SkinCure Oncology  
Yu, Leo, Consultant, SkinCure Oncology

**Introduction of Members and Guests**

Radiation Advisory Committee members, Radiation Protection Services (RPS) personnel and guests introduced themselves.

**Approval of Minutes**

Minutes from the June 12, 2019 RAC meeting were sent to the members for their review, prior to this meeting.

## **Motion**

Barbara Smith moved, and Fred Bremner seconded the motion to approve the June 12, 2019 Radiation Advisory Committee minutes as written. The motion carried unanimously.

## **RAC Member Reappointments**

David Howe, RPS Program Director, reported on brief history of two current RAC members Janet Franco and Steve Reese, who's positions will expire December 31, 2019. The two began the terms at the same time and will expire the same.

David kindly expressed his gratitude for their involvement while on board.

David also introduced the two new members who will replace Janet and Steve. Dr. Melinda Krahenbuhl, Director, Reed Research Reactor, and Robert Berry, Nuclear Medicine Coordinator/RSO, Providence Portland Medical Center. They were both present as visitor for today's meeting.

## **Program Updates**

### **RPS Budget** (a power point presentation and handout are available)

David explained the two statute reasons/role of the advisory committees, (1) to advise the RPS on budget, and (2) RPS rule revisions. David reported on the basic balance of each section, X-Ray, Tanning and Radioactive Material Licensing (RML) to basically introduce the concepts for upcoming years for RPS fund. David explained the continual influx of the collected fees by X-Ray Program which is on biennium basis, Tanning Program is on annual registration and RML Program is invoiced quarterly to operate RPS.

Todd Carpenter, RPS Emergency Preparedness/Licensing Manager, presented the RPS 2019 budget overview. Todd reported licensees with fee that were capped at \$3,000.00 over 15 years have been 'FLAT'. But RPS expenses have increased each year to salaries, cola's, rend, supplies, equipment, etc; therefore, it is time to raise the fee to meet the operational costs for the program. Todd briefly covered the RML fee modification ideas.

### **Electronic Products Program**

Rick Wendt, RPS Operations/Emergency Response Manager, presented updates on the Electronic Products Program by reporting on Electronic products fee modification ideas.

Fred Bremner shared in the dental association goes through a process of referencing the Consumer Price Index each year to delegate their meeting. David expresses the importance of increasing fees for RPS programs.

## **BREAK**

### **Sensus Healthcare Presentation (Handouts available)**

Since the initial visit by Sensus, 2018, Sensus has partnered with another company (SkinCure) who provides registered radiation therapy technologists to serve as machine operators for the dermatologists who purchase/use an SRT-100 device. Today, Sensus have returned to re-introduce their strategies.

Monica DiGioia, Clinical Application Director, Sensus, started the presentation by covering the complete aspect of Sensus's training overview, which includes, Warm up procedure, Machine Overview, EMR, Ultrasound Prep, and Ultrasound Scanning. Monica reported that everything about the machine's components are reviewed thoroughly.

Steven Scott, Chief Operations Officer, Skincare Oncology, who has extensive experience in x-ray technology, introduced a game changer in treatment planning process, to fill the knowledge and safety existed in dermatology. With their new technology, treating the cancer patient would be cut on less and would be safer. Steven expressed that this newer technology has superior filtration with spot-on beams to image the lesions that delivers imaging component, which could change the mainstream.

Steven stated from a training perspective, from a safety perspective, from a clinical outcomes perspective, from a radiation oncologist involvement perspective, this system will check all the boxes that provides a safe, efficacious delivery of very low radiation in the controlled manner where everything is recorded.

Steven also mentioned on top of the training that comes from the Sensus Healthcare, clinical utilization training has been added as well. PowerPoint is available for this training.

RAC has been assured that the Radiation Safety Information has been modified since the original version, for this a different machine than the one they had presented last year.

Dr. Yu is a consultant who has been practicing radiation oncology for 28 years. Dr. Yu has been trying to find a way for the dermatologists to refer/send the cancer

patients to radiation oncology. With the cancer patients being treated by the radiation oncologist rather than the dermatologist, he believes the cancer patient would be cut on less and would be safer during the treatment procedures. Dr. Yu started dermatologist's formal education on treatment planning and their ability to recognize normal versus non-normal post-treatment symptoms may not be as complete as the education a radiation oncologist will have completed to ensure appropriate patient treatment is taking place.

David asked if there are any push-back and/or what the dynamics between the radiation oncologists vs the dermatologists as a professional group.

Steven simply replied their main goal is the safe patient care.

## **Working Lunch**

### **Motion**

Barbara Smith moved, and Fred Bremner seconded the motion that RPS write the approve the exemption while developing he rule process. The motion carried unanimously.

Fred Bremner said that as part of the committee it's the members responsibility to evaluate new science, new activity and come up with the rule that make it safe for the patients. Fred also shared he was very impressed with their Cloud, where they can see their machines being used in real-time.

## **Program Updates**

### **Electronic Products Program (Cont')**

Brent Herring, RPS Health Physicist, gave brief presentation on O-ARMS X-Ray device. During an inspection, he was able to get a closer look at the device on how it works, what it exactly does, and the safety aspects.

Donna shared her experience using the device at Keiser; both CT and Fluoroscopy.

Rick Wendt reported, currently in Oregon, there are three handheld x-ray devises which have been approved. Now there is a new device, Mobilex Handheld Dental Device, who is trying to get approved. Rick has been working with the company for past several months now to have the device meet the Oregon rule which reads, "...the back shield much be permanently adhered...". After several attempts, the latest sample device appears that it meets the Oregon rule. The Mobilex is 2 MAs which is 70 KBP, and the backscatter both satisfies the current rule. The recent submission for Mobilex will be approved.

Next, Rick reported on the Smith Detection Event Venue Scanners. The request was from the manufacturer to allow the use of this device as a 'portable' device at the entertainment events. The device could be moved from event to event placed via forklift for use. Although, besides Oregon, there are other states who have concern regarding the integrity of the tube shielding on the device. Will keep you informed once we know more.

### **Tanning Program**

Rick reported on a tanning facility, who has closed recently. He explained the facility had 10+ violations including, using wrong sanitizers, no sanitizer strips available, no posting of warning signs, failure to annually notifying customers of risk of tanning, lack of lamp equivalency charts, failure to perform timer tests...etc.

Even though, the facility owner has contacted RPS to inform that they would discontinue offering tanning services, RPS will make assure it by visiting the sight in the near future.

### **Radioactive Materials Licensing**

David Howe reported about the Integrated Material Performance Evaluation Program (IMPEP) Periodic meeting on site on Aug. 29<sup>th</sup>, 2019. The Periodic meeting is a mini-audit completed at the mid-point between full four-year IMPEP reviews.

The discussion during the Periodic Meeting covered everything from performance indicators standpoint to RPS's incident and allegation responses protocols, timeliness of doing inspections as if going through an audit. David felt the meeting went very well.

Todd Carpenter reported that RPS has started working on developing a web-based license generator. RPS is only at the starting pointing with this process.

### **RPS Trainings**

Rick provided an update on RPS staff trainings including. Rick reported RPS has been lucky this year with NRC offered courses because several staff were able to attend several of NRC trainings. Such as: Security, Transportation of Radioactive Material(online), Inspection course and Licensing course.

The in-house trainings completed are: FBI-CDC Radiological Awareness Response Workshop, FEMA-Unmanned Aircraft Systems in Disaster Management, Oregon Unmanned Aircraft Systems (UAS) Situational Awareness Workshop and Monthly Emergency Response Team Training, and the cross training continues.

BREAK

## **Variations, Rules and Statutes/ Legislative Updates**

### **Advanced Practice Registered Nurse's (APRN) Supervising Fluoroscopy Update** (Handout available)

David Howe reported Senate Bill 128 has passed – RPS drafted the rule language which states “*(d) An APRN who has obtained an Oregon Board of Medical Imaging (OBMI) Limited Fluoroscopy Supervision permit may provide personal (in room) supervision to Radiologic technologists who have a permitted or temporary license from OBMI to operate fluoroscopic equipment.*”

### **Senate Bill 283 – Wireless Technology Info Distribution**

David reported SB 283 is now a law. OHA/RPS will conduct a review of peer-reviewed scientific studies regarding the possible harmful effects of microwave (wireless) radiation to children. Dr. Ali Hamade, Deputy State Epidemiologist, PhD, Hillary Haskins, Health Physicist, RPS and a graduate student will work together on the review. That said, the current weight of scientific evidence has not established a causal link between wireless technology/devices and cancer/other illnesses, specifically with a potentially greater risk to children than adults. It is our mission to provide a process to do the review of the studies with integrity.

### **Variations**

Definition: *Veterinary Technician – A certified veterinary technician is an individual who has met the minimum qualifications to become certified as a veterinary technician, who has fulfilled the certification requirements prescribed by Board.*

Rick reported on recent variance request to allow veterinary technicians to operate a linear accelerator. After doing some research by contacting other states, Rick learned most States do not have rules about linear accelerator use in a veterinary facility and who would operate it and what the training for those operators would be.

Dr. Juliana Cyman shared her concerns regarding this variance, (1) technician turnovers and (2) lack in trainings to operate all the sophisticated machines specific and difference in pay per hour compare to those who are in the human field.

RPS will continue to have dialogues with the interested parties going forward to set up some training standards for the vet tech to operate a therapy device.

Dr. Cyman is open to being part of a conversation regarding the matter in the future.

**Motion**

Barbara Smith moved, and Fred Bremner seconded to deny the motion by RPS of vet is not allowed to operate a therapeutic device. The motion carried unanimously.

**Proposed Rule Making** (a power point presentation is available and handout)

Todd Carpenter reported on Industrial rule update

Break

**Proposed Rule Making** (a power point presentation is available and handout)

Todd Carpenter reported that the Industrial Rules (X-ray devices used in non-healing art situation) has gone through the Rulemaking Committee over a year ago and have been placed in parking, because RPS have to complete the work with the SB 128 OBMI-RPS Rule Making Coordination by come January 2020.

This is the part where an APRN who has obtained an OBMI limited fluoroscopy supervision permit may provide personal supervision to radiologic technologist who have a permanent or temporary license issued from the OBMI to operate fluoroscopic equipment.

Todd also reported on the result of removing/discontinuing the use of the Gonadal Shielding Repeal. To RPS's knowledge there will be no fiscal impact to businesses or state regulatory agencies accepting the two proposed rules.

**Motion**

Steve Reese moved, and Barbara Smith seconded to approve the rules as written. The motion carried unanimously.

**Emergency Preparedness and Response:**

Rick reported in 2019 there have been 38 reported incidents. Hillary gave details regarding the incident which have been reported and how RPS had handled the situations on damaged/crushed gauge and vet tech contamination I-131. And Rick

presented the details on the gall bladder function scan Hepatobiliary Iminodiacetic acid scan (HIDA).

### **Drones/Rad Detectors**

Tom Mynes reported that RPS is still in the research and development phase of drone program. RPS has the drones now.

Recently, Joe Enger and Tom Mynes visited the ODH's first workshop with all the public agencies who are currently using drones down in Salem, Oregon.

Betty Stansbury, Director, shared that it is the States plan to bring all emergency response personnel under the same umbrella of a certificate of waiver which will be called COA.

COA is an authorization issued by the Air Traffic Organization to a public operator for a specific unmanned aircraft activity. (i.e. night flying, flying in restricted airspace)

Tom Mynes has received his Part 107 license to fly the sUAS.

### **Elekta CP Outcome**

Todd reported out the outcome of civil penalty for Elekta. RPS staff have put in many hours into investigating the matter and learned there were numerous non-compliances matters were found. Elekta did not contest the civil penalty, but rather, Todd received a thank you phone call from their RSO, acknowledging through this process their agency will be working on their office working culture.

### **General Comments:**

David thanked Steve Reese and Janet Franco for their contribution to RAC meetings.

### **Adjournment**

The meeting adjourned at 2:07 p.m.

The next meeting for the Radiation Advisory Committee is scheduled for February 12, 2020.

Respectfully,  
Lee Lind