

Computed Tomography (CT) Rule Making Advisory Committee October 10, 2014

Committee Members = Present

Radiologic Technologists			
<input type="checkbox"/>	Chuck	Cromwell	Group Health Cooperative
<input checked="" type="checkbox"/>	Tamara	Sloan	Providence, St Mary Medical Center, Walla Walla
Radiology Manager			
<input type="checkbox"/>	Marcy	Parsons	Group Health Cooperative
<input type="checkbox"/>	Bart	Thompson	Good Samaritan Hospital
<input checked="" type="checkbox"/>	Angela	Steinbach	Inland Imaging
Rural Hospitals			
<input checked="" type="checkbox"/>	Steven B.	Schindler	Providence Stevens County Ministries
<input checked="" type="checkbox"/>	Joy	Iverson	Summit Pacific Medical Center
Medical Doctors			
<input type="checkbox"/>	Marie	Lee	Virginia Mason Clinic Dept Radiology
<input checked="" type="checkbox"/>	Jonathan	Medverd	Washington State Radiological Society
<input type="checkbox"/>	William P.	Shuman	University of Washington
<input type="checkbox"/>	Jonathan	Swanson	Seattle Children's Hospital
Medical Physicists			
<input checked="" type="checkbox"/>	Jeremy L.	Corwin	Corwin Health Physics Inc
<input checked="" type="checkbox"/>	John	Gough	Swedish Medical Center
<input checked="" type="checkbox"/>	Kalpana M	Kanal	University of Washington
<input checked="" type="checkbox"/>	Larry	Neubauer	Neubauer Medical Physics
<input checked="" type="checkbox"/>	Gene	Wollan	Health Physics Northwest
Mobile CT			
<input type="checkbox"/>	John	Connolly	Alliance Imaging
Hospital Administrators			
<input checked="" type="checkbox"/>	Ian	Corbridge	Washington State Hospital Association
<input checked="" type="checkbox"/>	Jennifer	Brown	Seattle Cancer Care Alliance
<input type="checkbox"/>	Mark	Kochan	Evergreen Health
<input type="checkbox"/>	Diane	Patterson	Yakima Valley Memorial Hospital
<input checked="" type="checkbox"/>	Jim	Sapienza	MultiCare Health Systems

Department of Health Staff

Vicki Bouvier	Scott Mantyla
Sarah Clark	Daniel Van Gent
Randi Lisle	Susan Gragg
Richard Montemarano	

Guests

- Eric Hooper, MultiCare, Physicist
- Bette Drescher, Group Health, Radiology Manager

I. Welcome and objective for the day

- a. Vicki addresses group that this could potentially be the last, or second to last, meeting for the advisory committee. If the group can get through all the issue submittal forms today, Vicki and Michelle will make the changes to the current draft rule language and will send to the committee for review and approval.
- b. Review and approve past meeting minutes:
 - i. July 11, 2014- Committee agrees to recorded minutes, no changes.
 - ii. November 15, 2014- Committee agrees to recorded minutes, no changes.

II. Issue Submittal Forms

- #1. WAC 246-226-010; Definitions, abbreviations, and acronyms. Submitted by Kalpana Kanal
- #2. WAC 246-226-010; Definitions, abbreviations, and acronyms. Submitted by Kalpana Kanal
- #3. WAC 246-226-010; Definitions, abbreviations, and acronyms. Submitted by Kalpana Kanal
- #4. WAC 246-226-010; Definitions, abbreviations, and acronyms. Submitted by Kalpana Kanal
- #5. WAC 246-226-010; Definitions, abbreviations, and acronyms. Submitted by Jeremy Corwin
- #6. WAC 246-226-010; Definitions, abbreviations, and acronyms. Submitted by Kalpana Kanal
- #7. WAC 246-226-010; Definitions, abbreviations, and acronyms. Submitted by Kalpana Kanal
 - a. Issue Submittal Forms #1 through #7
Kalpana Kanal proposed to have the physics group redraft definitions and send to DOH on what they would like to see them defined as. Vicki did clarify that the definitions used in the draft rule language are already used in existing WAC's. The Physics Group will give their new definitions to DOH by November 10, 2014. The committee agrees to Kalapan's proposal.
 - b. DOH will also remove CT Medical Director from all areas of the draft rule language. Committee agrees to this change because a CT Medical Director can be defined as many rolls.
 - c. DOH will correct WAC 246-226-010(17) to read as "...perform the duties under WAC 246-226-070(~~7~~8)." DOH will remove (7) and replace with (8).
- #8. WAC 246-226-020; Equipment requirements. Submitted by Kalpana Kanal
 - a. Committee agrees to changes
- #9. WAC 246-226-030; Facility design requirements. Submitted by Jeremy Corwin
 - a. Committee agrees to changes

- #10. WAC 246-226-030; Facility design requirements. Submitted by Jeremy Corwin
- a. Section (3) - The committee agrees to change “within 12 months” to “within 30 days”.
 - b. DOH will correct the numbering of this section and will redraft number (3)’s language to reflect WAC 246-229-0090(4)’s language with the agreed changes above. DOH will make the changes and submit back to the committee by October 27, 2014.
i.e. “Prior to CT X-ray system installation, the registrant shall conduct a visual inspection to verify shielding is installed and consistent with the department approved shielding plan. For CT X-ray system installations installed before **[insert effective date of the chapter]**, the physical survey must be conducted by **[two years after effective date of the chapter]**.”
- #11. (A,B,C,D) WAC 246-226-040; Operating procedures and conditions of operation. Submitted by Kalpana Kanal & Larry Neubauer
- a. Committee agrees to the changes for A,B,C, & D.
- #12. WAC 246-226-040; Operating procedures and conditions of operation. Submitted by Kalpana Kanal
- a. Committee agrees to changes
- #13. WAC 246-226-040; Operating procedures and conditions of operation. Submitted by Kalpana Kanal
- a. Committee agrees to changes
- #14. WAC 246-226-040; Operating procedures and conditions of operation. Submitted by Jeremy Corwin
- a. Committee agrees to changes
- #15. WAC 246-226-040; Operating procedures and conditions of operation. Submitted by John Gough
- a. Committee agrees that no changes to the language is needed
- #16. WAC 246-226-050; Dose Limits. Submitted by Jeremy Corwin
- a. Committee agrees to changes
- #17. WAC 246-226-050; Dose Limits. Submitted by Kalpana Kanal
- a. Committee agrees to changes
- #18. (A,B,C) WAC 246-226-060; Required notification of deterministic injurious health effect. Submitted by Kalpana Kanal & Ian Corbridge
- a. Committee agrees to new language changes to A, B, &C:
 - (2) The registrant shall initiate an investigation within twenty-four hours and complete the investigation within ten business days when:
 - (a) CTDI_{vol} exceeds 600 mGy for a pediatric procedure or 1500 mGy for an adult procedure; or
 - (b) Any ionizing radiation exposure from a CT procedure results in unanticipated hair loss, erythema, or functional damage to an organ or physiological system.
 - (3) The registrant shall report an event when (2)(b) is confirmed or skin or organ dose is estimated to exceed 2000 mGy.

- (4) The registrant shall, within five business days of determining an event occurred, notify the department and the referring physician of the person subject to the effect by phone. The registrant shall provide the notification when it is caused by either:

#19. WAC 246-226-070; Staffing requirements. Submitted by Ian Corbridge

- a. Committee agrees to new language changes:
- (3)(b) Has the following experience and education requirements:
- i. Hold a graduate degree from an accredited institution in medical physics, radiological physics, physics, or another relevant physical science or engineering discipline; including formal coursework in the biological sciences with at least:
 - (A) One course in biology or radiation biology; and
 - (B) One course in anatomy, physiology, or similar topics related to the practice of medical physics; and
 - ii. Three years of documented successful experience in a clinical CT environment

#20. WAC 246-226-070; Staffing requirements. Submitted by DOH staff on behalf of Physics Group

- a. Committee agrees to new language changes:
- (3)(c) - Effective **[insert effective date of chapter]**, has conducted surveys of at least three CT X-ray systems between January 1, 2007 and January 1, 2010 and meets the continuing experience requirements of this chapter. Effective **[insert effective date of chapter]**, a qualified medical physicist shall meet the requirements of (a) or (b) of this subsection.

#21. WAC 246-226-070; Staffing requirements. Submitted by Larry Neubauer

- a. Committee agrees to new language changes as show in Issue Submittal #20 (above).

#22. WAC 246-226-080; Quality control program. Submitted by Kalpana Kanal

- a. Committee agrees to new language changes:
- (1)(c) - For registrants who use hardcopy for primary interpretation, weekly wet laser printer quality control;
- (1)(e) - For registrants who use hardcopy for primary interpretation, monthly dry laser printer quality control; and

#23. WAC 246-226-090; Performance evaluation. Submitted by Jeremy Corwin

- a. Committee agrees to changes and agree to remove (ii) as well. Only leave “(j) Dosimetry” in this section.

#24. (A,B,C) WAC 246-226-090; Performance evaluation. Submitted by Jeremy Corwin & Kalpana Kanal

- a. Committee agrees to changes

#25. WAC 246-226-090; Performance evaluation. Submitted by Jeremy Corwin

- a. Committee agrees to changes

#26. WAC 246-226-010; Required records and reports. Submitted by Jeremy Corwin

- a. Committee agrees to new language changes:
 - (1)(a) - Within thirty days of installation if the CT x-ray system passes all manufacture installation tests;

#27. (A,B,C) WAC 246-226-100, 120 & 130. Submitted by Kalpana Kanal, Jeremy Corwin & William Shuman

- a. Committee agrees to changes to A, B, & C

III. Other comments and issues

- a. WAC 246-226-080(k)(iv); Quality control program.
The Physicist Group would like to remove this item. Committee agrees to changes.
- b. WAC 246-226-070(4); Staffing requirements
Committee agrees to change 5 years to 2 years.
- c. WAC 246-226-030(4)(a); Facility design requirements
Committee is concerned that not every facility uses the NCRP #147(2004) report. Committee agrees to new language changes: "For CT X-ray systems installed after [effective date of the rule], operator's booth and surrounding occupied areas..."

IV. Next steps

- a. DOH will update the draft rule language to meet the changes made above.
- a. DOH is asking the committee to hold January 9, 2015 for a possible follow up meeting. DOH will confirm with the committee sometime late November or early December on whether this meeting will take place.