

Radiology Committee Meeting
Date: 2025-03-25
Time: 11:30 am – 12:00 pm ET
Chair(s): Ken Wang



ATTENDEES

Committee Members:

- | | |
|---------------------|--------------------------|
| 1. Ken Wang (Chair) | 7. Paul Kinahan |
| 2. Audrey Verde | 8. James Morrison |
| 3. Beverly Collins | 9. Marc Kaemmerer |
| 4. Chris Carr | 10. Ross Filice |
| 5. Jamie Dulkowski | 11. Sarah Maulden |
| 6. Geunwon Kim | 12. Valerie Geisendorfer |

Regenstrief Staff:

Marjorie Rallins, Eza Hafeza, April Lackey, Elizabeth Lumakovska, Felicia Owens, Geoffrey Ratemo

Guests:

Committee Members = 12 | # Attending = 4 | Quorum = No

MEETING SUMMARY

Welcome

Review Open Action Items

- RI-ACR MOU is in progress.
 - a. Ken provided suggested revision: alternate sentence to replace the final statement under Background *“The lexicon has now been transferred to Regenstrief to be incorporated into the LOINC terminology”*:
 - i. *“Regenstrief also has a long-standing relationship with RSNA to harmonize the Logical Observations Identifiers Names and Codes terminology (LOINC®) terminology with RadLex”*
 - b. Ken questioned the licensing statement that makes explicit ACR’s reservation of right to charge for its content to commercial vendors and it makes that material openly available for research and education, but for commercial use it reserves the right to charge for use of RADS material. Is

Regenstrief’s right and ability to continue freely distribute LOINC in the context of this collaboration preserved in the setting of the statement?

- i. Marjorie discussed with the RI compliance officer and believes it is preserved in the MOU.

Definitions of Attributes & Attribute Values

- Ken noted that the committee has been focusing on the CT portion of the series and sequences standardization work, but it has two parts to it: CT and MR.
 - a. In review of the CT portion, the committee started looking at the attributes and attribute values and how they’re assembled into the different series names.
 - b. During the last meeting, several attributes with overlap were identified that are represented with LOINC concepts (e.g., anatomic concepts). Additional attributes outside of the current model were identified as proposed new attributes, which need explicit definitions. Potentially consolidating some attributes was also discussed.
 - c. HDS created a collaborative spreadsheet [RAD Attributes Definitions Consolidated Work Doc](#) for committee members to asynchronously work on to populate definitions of the attributes and attribute values.
 - d. The maturity of the [MR Series Names Standard](#) spreadsheet is in its infancy (per Audrey). She also noted that the changes in the [CT Series Names Standard](#) spreadsheet are being transferred to the MR spreadsheet so there is consistency across them both.
 - e. She addressed the consolidation of the *Projection Imaging* attribute, which was removed and consolidated into the *Series Type Modifier* column (which is the same element as *Series Type* and will be attached with “_”) in the CT spreadsheet.

K	L	M	N
Series Type	Series Type Definition	Series Type Modifier	Series Type Modifier Definition
Localizer	Exam localizer.	MIP	Maximum Intensity Projection. A type of Recon.
Radiation_Dose	Radiation dose sheet	MinIP	Minimum Intensity Projection. A type of Recon.
Monitoring	Used for tracking the contrast bolus or heart rhythm.	MPR	Multiplanar Reformation. A type of Recon.
Recon	Changing the plane either at the scanner or the PACS.	VolRend	Volume Rendering. A type of Postprocessing
Postprocess	Include anything that is more than just changing plane. So it includes 3D lab outputs and AI outputs.		
Screenshot	Images saved by Radiologists.		
Primary	Primary acquired data.		

- f. Ken asked the committee's opinion about *Series Type* in CT and *Sequence Type* in MR.
 - i. Should they be thought of as part of the same axis or attribute in the LOINC model? This would be counterintuitive from a clinical perspective as CT and MR are fundamentally different. However, from the standpoint of informational modeling, are we really talking about the same thing which is some fundamental characteristic of that image acquisition?
 - ii. Audrey noted that the biggest difference between CT and MR is that for CT you think more about the *Plane* and *Contrast* phase vs. MR there's the *Sequence* component as the new information. Everything else is essentially the same.
- g. The committee reviewed Ken's proposed definitions for *Anatomic Plane*, *Series Type*, *Slice Thickness*, and *Kernel* in column F of the **RAD Attributes Definitions_Consolidated Work Doc**. Still need definitions for *Spectral Energy* and *Repeat #*. *Repeat #* has its own column in the CT spreadsheet, but it may be considered under *Series Type*.








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- Decisions
 - a. To have a couple of concrete examples for the next meeting to see how they will be represented in order to sketch how the new concept model would look like. Steven and Stan to be invited.
- New Action Items
 - a. Ken will work with Paul to finalize the remaining two definitions *Spectral Energy* and *Repeat #* which can be used as a working basis for the next meeting. // Ken // 5-27-25
 - b. Provide a couple of concrete examples for the next meeting. Invite Steven and Stan. // HDS // 5-27-25

OPEN ACTION ITEMS

1. Based on the newly proposed concept model, HDS staff to provide modeled examples to the committee for their review
 - a. Lead: HDS
 - b. Date Identified: 2023/11/14
 - c. Due date: TBD
 - d. Status:
2. LOINC-ACR MoU
 - a. Lead: HDS
 - b. Date Identified: 2024/02/27
 - c. Due date:
 - d. Status: Done

REFERENCE MATERIALS

-  [RAD Attributes Definitions_Consolidated Work Doc.xlsx](#)
-  [RadLex Playbook - CT Series Names Standard](#)
-  [RadLex Playbook - MR Series Name Standard](#)
-  [Radiology Committee_Meeting Summary_2025-02-25_FINAL.docx](#)
-  [RadiologyCommittee_MeetingSlides_FINAL_2025-25-03.pptx](#)
-  [Radiology - Proposed concept model.pptx](#)
-  [09192024 SNOMED-LOINC_ strategy and FAQs.pptx](#)

NEXT MEETING DATES

Radiology Committee Meeting
Date: 2025-03-25
Time: 11:30 am – 12:00 pm ET
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- May 27
- June 24
- July 22 - CANCELED (LOINC Release)
- August 26
- September 23
- October 28
- November 25 - TBD (US Holiday)
- December 23 - CANCELED (Holiday)

PARKED TOPICS

- 1.