LOINC Radiology Committee Meeting

Date: 2026-09-22
Time: 11:30 a.m. - 12:30 p.m. EDT / 3:30 p.m. - 4:30 p.m. UTC
Chair: Audrey Verde

ATTENDEES

Committee Members:

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

Regenstrief Staff:
Eza Hafeza, Elizabeth Lumakovska, April Lackey, Steven Wagers, Geoffrey Ratemo

Guests:
Jim Case

Committee Members = 12 | # Attending = 3 | Quorum = No

Meeting Summary

Opening remarks and updates

- Quorum is difficult to make as the recurring meeting conflicts with the IHE Radiology Planning Committee, limiting participation by members who serve on both groups

Next step: Regenstrief will scope moving the meeting one hour later internally, and issue a poll to the membership to assess availability to attend at 12:30 pm Eastern.

Publishing LOINC Long Common Name (LCN) algorithm

Discussion:

- Vendors have requested publication of the LOINC Long Common Name (LCN) algorithm to support implementation of the LOINC/RSNA Radiology Playbook.
- The LCN construction process relies on internal database fields and rules that are not currently part of published release artifacts, creating challenges for publication.
- Discussion shifted to the underlying implementation need: helping vendors map local radiology exam names to the correct LOINC codes. Implementers should rely on the coded semantics/parts rather than reverse-engineering meaning from the display name.
- The group discussed implementation guidance or other documentation as a potentially more useful approach than publishing the name-generation algorithm itself.

Next step: The Chair will work to reconvene a discussion with major vendors, including Epic, Oracle, and radiology data-transformation vendors to clarify mapping needs and inform practical implementation guidance.

Proposal to create Scale:Imaging

Discussion:

- The committee revisited whether the current Scale:Doc representation for radiology should be changed or supplemented to better distinguish radiology content from document ontology content.
- Neither “Doc” nor “Imaging” is a measurement scale in the conventional LOINC sense, highlighting the broader issue of overloading the Scale axis.
- The discussion distinguished the radiology report from the images themselves and considered whether “imaging result” could serve as a broader concept if Scale continues to be used. No decision was made.

Next step: Continue the modeling discussion, including whether a different attribute or an "imaging result" concept would better represent radiology outputs. No change to Scale was approved.

SNOMED RadiologyContent Working Group update

- The SNOMED International Radiology Content Working Group is conducting a gap analysis across national extensions and promoting appropriate radiology/imaging procedure content to the international release. The scope now includes comparing LOINC/RSNA Radiology Playbook exam-name content with SNOMED International so relevant U.S./LOINC radiology content is represented in the gap analysis. The current group is a task-and-finish group expected to sunset after the gap-analysis/member-request work is completed. A future LOINC/RSNA Playbook-SNOMED equivalence effort would be separate and would require additional modeling, scope, and resource discussions.

Next step: Continue coordination with SNOMED International on the current gap analysis. Any future Playbook-SNOMED equivalence/crosswalk project will require separate scoping and feasibility/resource discussions.

Stockholm Region EU update

- Region Stockholm/Sweden is working toward a common national set of radiology exam names and codes, with significant overlap with the SNOMED radiology work. European vendors are interested in using SNOMED CT for radiology exam codes, increasing the value of known equivalences between SNOMED CT and LOINC/RSNA Radiology Playbook content. A technical implementation issue was discussed around identifier length: commonly implemented DICOM short-code fields are limited to 16 characters, while SNOMED identifiers can exceed that length. DICOM supports a longer-code mechanism, but broad vendor implementation is limited.

Next step: Monitor identifier-length and DICOM implementation constraints as SNOMED-based radiology coding advances in Europe and potential impacts to RIS/vendor infrastructure emerge.

RSNA Hackathon / RSNA Radiology reimagined use standard exam names and series names

- For the first RSNA Hackathon, the Chair submitted a project concept focused on transforming hospital/local radiology exam names to LOINC standard names and codes. The project aligns with the committee's implementation discussion by exploring a repeatable approach for mapping local exam names into standard space.

Next step: Track whether a hackathon team selects the project and captures any methods, prototypes, or lessons that could inform future LOINC radiology implementation guidance.

Any other business:

The LOINC Conference is scheduled for October 6-9, 2026, with in-person and online participation available.

Follow-up Tasks

1. Task: Fix Radiology Committee webpage Playbook link and add direct SearchLOINC link
    a. Lead: Steven Wagers
    b. Date Identified: 2026-07-28
    c. Due date: TBD
    d. Status: Open

2. Task: Obtain additional examples of medical photography/image naming needs
    a. Lead: Audrey Verde
    b. Date Identified: 2026-07-28
    c. Due date: TBD
    d. Status: Open

3. Task: Committee to work on adding 9 existing radiology attributes to the CT Series and Sequences spreadsheet
    a. Lead: Audrey Verde/Regenstrief
    b. Date Identified: 2026-07-28
    c. Due date: TBD
    d. Status: Open

4. Task: Determine publication/implementation-support approach for LCN algorithm/rules and radiology mapping guidance
    a. Lead: Steven Wagers
    b. Date Identified: 2026-07-28
    c. Due date: TBD
    d. Status: Open

5. Task: Evaluate an imaging scale/data type and improved radiology hierarchy placement
    a. Lead: Steven Wagers
    b. Date Identified: 2026-07-28
    c. Due date: TBD
    d. Status: Open

6. Task: Explore funding and partnership opportunities for a Radiology Playbook implementation guide/crosswalk algorithm
    a. Lead: Audrey Verde
    b. Date Identified: 2026-07-28
    c. Due date: TBD
    d. Status: Open

7. Task: Poll committee members regarding a meeting time that avoids the IHE Radiology Planning Committee conflict
    1. Lead: Jennifer Pianki
    2. Date Identified: 2026-09-22
    3. Due date: Before next meeting
    4. Status: Open

10. Task: Reconvene vendors to clarify local-to-LOINC mapping needs and implementation guidance

1. Lead: Audrey Verde
2. Date Identified: 2026-09-22
3. Due date: TBD
4. Status: Open

REFERENCE MATERIALS

- LOINC Radiology Committee_Meeting Summary_2026-07-28_FINAL.docx
- RadiologyCommittee_MeetingSlides_2026-09-22_final.pptx
- RAD Attributes Definitions_Consolidated Work Doc.xlsx
- RadLex Playbook - CT Series Names Standard
- Radiology - Proposed concept model.pptx

Next Meeting

1. 2026-10-27, time TBD
2. Anticipated Topics:
    - Review of radiology concept model / CT Series and Sequences modeled examples.
    - Follow-up on radiology implementation guidance and vendor mapping discussion.
    - Continued discussion of radiology modeling, Scale, and imaging-result representation.
    - SNOMED International Radiology Content Working Group/gap-analysis update.
    - Region Stockholm / EU implementation developments.
    - RSNA Hackathon outcomes, if available
    - Implementation guide, crosswalk, partnership, and funding opportunities.

Parked Topics

- AI-specific naming requirements pending additional standards guidance.
- Future resource and implementation planning for radiology concept model development.

- Medical photography/image naming standardization and broader cross-specialty image naming.