EHR WG Minutes 2022-01-04

HL7 Electronic Health Record Work Group Weekly Conference Call

Every Tuesday 1900 UTC; 1500 ET US; for 60 minutes

To join the HL7 EHR WG Meeting:

Zoom Conference Call Information  https://zoom.us/j/5860741097?pwd=K0l4Yzk5Yy9BcFcs5SlZb0dmdz09

Meeting ID: 586 074 1097    Participant Passcode: 586 074 1097    Password: 057087

Phone Number: +1 (646) 558-8656 US (New York)    Find your local number:  https://zoom.us/u/adRxukaOZI

Presiding Co-chair:  Gary Dickinson, FHL7

Scribe:  Mark Janczewski, MD, MPH

Attendance

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Materials:

1. Minutes from EHR WG Weekly Teleconferences, located at:  https://confluence.hl7.org/display/EHR/EHR+Weekly+Teleconference+Minutes
**Agenda:**

1. **NOTE:** HL7 WGM Early Bird expires 4 Jan 2022.
2. Review proposed Agenda and establish time-related expectations.
3. **VOTING ITEMS** (see links to Materials above)

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4. HL7 WGM Calendar for EHR WG. See: [EHR WG 2022-01 HL7 WGM (Virtual) Agenda](#)
5. **Tooling Update** (Michael van der Zel and FP leads) - Note: Michael’s contract to support tooling for some of the Functional Profiles has expired.
   a. **EHR-S Usability FP** – No recent update. Awaiting final updates to input spreadsheet, then tool generation of final publication package. In progress.
   b. **Pediatric HIT FP** – Threshold reached for Publication. Reconciliation package to be approved. Meeting at WGM in two weeks will be to approve the RP and then can send off for Publication.
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   d. **Problem-Oriented Health Record (POHR) FP** – Balloting underway as of Friday, 10 Dec 2021. Awaiting closure of ballot and reconciliation in 2022JAN. Will meet next week to discuss the ballots that come in. X
   e. **EHR-S FM Release 3 considerations** – Deferred today; should discuss at HL7 WGM in mid-January. Will continue review and planning for R3 and related tooling support, to include mapping to FHIR resources. Beginning to formulate content and structure for R3. See below Item 5.

6. Project Updates
   a. **PHR System Functional Model Release 2 (John Ritter)** - **Deferred**
      i. ANSI has received and approved and HL7 has also now published PHR-S FM Release 2
         A! Congratulations to John! Available on HL7 Website.
      ii. Several outside groups are interested in this model (i.e. Health Record Banking Alliance or HRBA) and Gary has sent some notices to these parties.
   b. **EHR System Usability Functional Profile (John Ritter)** - **Deferred**
      i. Still in development – John is working on this. He has found the linkages to the CCs in EHR-S FM R.2, PHR-S FM R.2 and to other FP's. John is producing a spreadsheet that shows these linkages with those from EHR-S FM in a separate column, as the EHR-S Usability FP is a companion functional profile derived from the EHR-S FM) and the other ones to be referenced in text in the relevant CC to make it more clear to understand the source of edits into the tool. Awaiting update from John.
   c. **EHR-S FM R2.1 and PHR-S FM R.2 (Gary Dickinson)**
      i. Both EHR-S FM R.2.1 and PHR-S FM R.2 have been approved and published by HL7 HQ; the ISO versions are the previous versions.
      ii. TC215 WG1 met 10 Dec 2021 and approved resolution that 1) confirmed the PHR-S FM R.1 systematic review, and 2) HL7 should request fast track bringing forward PHR-S R.2.
      iii. Second resolution from TC215 WG1 was that HL7 request fast-track of EHR-S FM R.2.1
      iv. ISO TC 215 Plenary will be asked to approve these Resolutions in January.
      v. Once HL7 has sent the request and materials for “fast-track” approval to ISO TC215, then the TC215 Secretariat, Rachel Hawthorne, will put these out to National member bodies for approval of fast track for both EHR-S FM.2.1 and PHR-S FM R.2. When this is done, there might NOT be an ISO label (i.e. the cover page will not have both HL7 and ISO labels, thought there might be a separate ISO cover page). This is a new process under the "Liaison A" relationship between HL7 and ISO.
      vi. Gary has communicated with Wayne Kubick (HL7 CTO) and Karen van Hentenryck, to ensure that HL7 follows through with respect to this fast-track process under the Liaison A process, working through copyright issues, and that there is an HL7 lead to activate this process.
Hope to have all of this completed in the Mar-Apr 2022 time-frame and ready to publish through ISO. Approval cycle in ISO will have to occur first.

ISO designation for EHR-S FM R.2.1 will maintain ISO 10781 designation; PHR-S FM R.2 will be designated ISO 16527.

d. **Podiatry FP** (Michael Brody DPM, Reed Gelzer MD PhD) finished comment adjudication.
   i. No changes from last week.
   ii. Finalized Ballot reconciliation process from the 2021SEP Ballot. Michael van der Zel has updated the function list based on ballot reconciliation and has sent back to Dr. Michael Brody.
   iii. Dr. Brody needs to post the reconciliation results, wait for the negative votes to be withdrawn, and then submit the Publication package.

e. **Dental FP** (Greg Zeller, DDS)
   i. No change from last week.
   ii. There will be F2F meeting 21-23 Feb 2022 in Chicago with Standards Committee on Dental informatics. During that time there will be a 2 hour meeting about the Dental FP, 22 Feb 2022 10:00 am-12:00 pm US CST. This will be a hybrid F2F and Zoom meeting (no charge via Zoom). Moving forward in specification of info exchange.
   iii. ADA has established a 4-part Action Plan: 1) Download Dental FP package and review, (2) Review ADA/ANSI Standard 1067 (based on EHR-S FM R1); (3) Consider whether to draft a new 1067 for distribution in Jan 2022; (4) Meet F2F in Chicago, 21-23 Feb 2022 to review new package. As noted, this will be available on Zoom.

f. **Reducing Clinician Burden Project** (Gary Dickinson and Mark Janczewski)
   i. Jim Sorace and Michael LaPosata provided insights on Burden reduction from the Pathology perspective (Diagnostic Management Teams) at 3 Jan 2022 meeting.
   ii. Group will also be meeting Monday 17 Jan 2022 1:00 pm - 3:00 pm US CST on the day before the next HL7 Virtual WGM starts. Talks to include subjects such as AI use (primary topic) in RCB. John Gachago (NIH) and Pat Baird (Philips) will be presenting.
   iii. Medication List Management and Reconciliation Focus Team continues its work. Lead: Reed Gelzer MD. Meets most Thursdays at 1700 ET US. It is not yet an official HL7 project. Next meeting is 13 January 2022. HL7 Pharmacy WG has now joined this Focus Team.
   iv. Work continues to develop a white paper in collaboration with ISO TC215 WG1, focused on burden reduction. Outline is in place. The work item and corresponding resolution has been approved by ISO TC215 WG1. Will solicit input from ISO National Member Bodies (35 member bodies participating plus over 30 more observing nations) and build on RCB’s current draft white paper. Ultimately will be approved and published as ISO 4419. Dave Schlossman is leading RCB for TC215 WG1 this effort. Artifacts include a 2-page Outline and 2-page overview. This is a Technical Report that is Informative and does not need to have an ISO New Work Item Proposal (NWIP).
   v. Possible collaboration with the HIMSS Physician Committee through the HIMSS accelerate platform. Michael Brody and Barry Newman to reach out to Genevieve J. to schedule a follow up meeting. As of 1 Jan 2022, Dr. Brody is no longer on this committee. Gary to reach out to Dr. Barry Newman.
   vi. For the meeting on 31 Jan 2022, Dr. Ed Hammond to brief on the Galileo Accelerator project.

g. **Problem-Oriented Health Record (POHR) Project (#1831)** (Gary, Lincoln and Mark)
   i. POHR FP currently in the 2022JAN balloting process.
   ii. POHR alternates with RCB in the Monday 3PM ET time-slot.
   iii. Next meeting will occur 10 Jan 2022 to begin to "pre"-view ballot responses.

h. **Pediatric Care Health IT Functional Profile (PCHITFP) (Dr. Pele Yu)**
   i. No new updates.
   ii. Ballot reconciliation now complete. Next step is to generate the final publication package. Group will be working over the holidays to respond to all ballot comments with goal of having everything "cleaned up" before the Jan 2022 HL7 WGM.
   iii. PHITFP Team has been meeting very Tuesday at 4PM ET US; deferred now until the 2022JAN HL7 WGM.

i. **Mobile Health Work Group’s SHIFT (School Health Innovation Framework leveraging Technology) Project** (John Ritter) - SHIFT Project will be resuming after the EHR-S Usability FP is finished. - **Deferred**
   i. SHIFT Project: Gora Datta and Matt Graham (from the Mobile Health Work Group) met last night from 11 pm to 12 midnight ET to flesh out more of the Executive Summary (document).

7. **EHR-S FM R3** - **Deferred**

a. The EHR WG intends to invest time brainstorming structure and content of the next release of the EHR-S FM (i.e., Release 3) during its weekly conference calls. Michael VdZ helping with mapping to FHIR. The list management section mapping is underway. Try to
expand CP1.4 to get a more complete mapping. We need to put forward the materials from the Sept 2021 WGM and queue up for discussion at next week’s EHR WG Weekly Teleconference.

8. **EHR WG Event and Parking Lot Discussions** (NOTE: Unless otherwise specified all conference calls use the same Zoom meeting link as listed at the top of this document.)

   a. **EHR WG PBS (Project / Ballot Status) metrics**
      i. EHR WG is in "Yellow" status, but it is not clear why based on the spreadsheet from HL6 HQ.
      ii. As noted previously, PHR-S FM R2 is awaiting ANSI approval for final publication. The EHR-S Usability FP should be ready soon for publication. Finalizing these two items will satisfy a long-standing deficit in EHR WG PBS metrics.
      iii. All other required items are “green” (up to date), noting that we do have some updates needed in 2022.

   b. **Inactive Projects**
      i. **All projects where we are primary have been addressed.** However there remain a number of projects that appear to be inactive, where EHR WG is a co-sponsor. We are working with designated project leads and/or the sponsoring WG to get these statuses properly. Inactive projects have been reviewed where we are co-sponsors and Steve H to follow up on those projects.

   c. **Meetings** – Unless otherwise specified these all use the GoToMeeting platform
      i. Podiatry FP meets most Fridays at 1200 ET US - will restart in January after Publication
      ii. Reducing Clinician Burden: Every other Monday (1st and 3rd) at 1500 ET US (alternating with the POHR meetings). Next meeting is 6 Dec 2021.
      iii. Reducing Clinician Burden/Medication List Management and Reconciliation team meets most every Thursday at 1700 ET US.
      iv. Problem-Oriented Health Record Focus Team meets every other Monday at 1500 ET US (alternating with the RCB meetings); meetings now on hold until Jan 2022, when ballot reconciliation will start.
      v. Dental Functional Profile; currently on HOLD until after Feb 2022 F2F Chicago meeting. Uses ZOOM instead of GoToMeeting.
      vi. Pediatric Health IT Functional Profile (PHITFP) typically meets every Tuesday at 1600 ET US. Contact Pele Yu at Yu@archildrens.org .

   d. **Re-envisioning HL7 WGM EHR Mega Report-Out**
      i. Discuss whether/how to conduct future EHR WG Mega Report-Out sessions at upcoming HL7 WGMs. We will defer Mega report out to next F2F - Renaissance Dallas Hotel, May 2022.

Next meeting: **2022-01-11**

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Phone Number: +1 (646) 558-8656 US (New York)  Find your local number: https://zoom.us/u/adRxukaOZl

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      i. Still in development – John is working on this. He has found the linkages to the CCs in EHR-S FM R.2, PHR-S FM R.2 and to other FPs. John is producing a spreadsheet that shows these linkages with those from EHR-S FM in a separate column, as the EHR-S Usability FP is a companion functional profile derived from the EHR-S FM and the other ones to be referenced in text in the relevant CC to make it more clear to understand the source of edits into the tool. Awaiting update from John.  
   c. **EHR-S FM R2.1 and PHR-S FM R.2** (Gary Dickinson)  
      i. Both EHR-S FM R.2.1 and PHR-S FM R.2 have been approved and published by HL7 HQ; the ISO versions are the previous versions.  
      ii. TC215 WG1 met 10 Dec 2021 and approved resolution that 1) confirmed the PHR-S FM R.1 systematic review, and 2) HL7 should request fast track bringing forward PHR-S FM 2.  
      iii. Second resolution from TC215 WG1 was that HL7 request fast-track of EHR-S FM R.2.1  
      iv. ISO TC 215 Plenary will be asked to approve these Resolutions in January.  
      v. Once HL7 has sent the request and materials for "fast-track" approval to ISO TC215, then the TC215 Secretariat, Rachel Hawthorne, will put these out to National member bodies for approval of fast track for both EHR-S FM.2.1 and PHR-S FM R.2. When this is done, there might NOT be an ISO label (i.e. the cover page will not have both HL7 and ISO labels, thought there might be a separate ISO cover page). This is a new process under the "Liaison A" relationship between HL7 and ISO.  
      vi. Gary has communicated with Wayne Kubick (HL7 CTO) and Karen van Hentenryck, to ensure that HL7 follows through with respect to this fast-track process under the Liaison A process, working through copyright issues, and that there is an HL7 lead to activate this process.  
      vii. Hope to have all of this completed in the Mar-Apr 2022 time-frame and ready to publish through ISO. Approval cycle in ISO will have to occur first.  
      viii. ISO designation for EHR-S FM R.2.1 will maintain ISO 10781 designation; PHR-S FM R.2 will be designated ISO 16527.  
   d. **Podiatry FP** (Michael Brody DPM, Reed Gelzer MD PhD) finished comment adjudication.  
   i. No changes from last week.  
   ii. Finalized Ballot reconciliation process from the 2021SEP Ballot. Michael van der Zel has updated the function list based on ballot reconciliation and has sent back to Dr. Michael Brody.  
   iii. Dr. Brody needs to post the reconciliation results, wait for the negative votes to be withdrawn, and then submit the Publication package.  
   e. **Dental FP** (Greg Zeller, DDS)
i. No change from last week.
ii. There will be F2F meeting 21-23 Feb 2022 in Chicago with Standards Committee on Dental informatics. During that time there will be a 2 hour meeting about the Dental FP, 22 Feb 2022 10:00 am-12:00 pm US CST. This will be a hybrid F2F and Zoom meeting (no charge via Zoom). Moving forward in specification of info exchange.
iii. ADA has established a 4-part Action Plan: 1) Download Dental FP package and review, (2) Review ADA/ANSI Standard 1067 (based on EHR-S FM R1); (3) Consider whether to draft a new 1067 for distribution in Jan 2022; (4) Meet F2F in Chicago, 21-23 Feb 2022 to review new package. As noted, this will be available on Zoom.

f. Reducing Clinician Burden Project (Gary Dickinson and Mark Janczewski)
   i. Jim Sorace and Michael LaPosata provided insights on Burden reduction from the Pathology perspective (Diagnostic Management Teams) at 3 Jan 2022 meeting.
   ii. Group will also be meeting Monday 17 Jan 2022 1:00 pm - 3:00 pm US CST on the day before the next HL7 Virtual WGM starts. Talks to include subjects such as AI use (primary topic) in RCB. John Gachago (NIH) and Pat Baird (Philps) will be presenting.
   iii. Medication List Management and Reconciliation Focus Team continues its work. Lead: Reed Gelzer MD. Meets most Thursdays at 1700 ET US. It is not yet an official HL7 project. Next meeting is 13 January 2022. HL7 Pharmacy WG has now joined this Focus Team.
   iv. Work continues to develop a white paper in collaboration with ISO TC215 WG1, focused on burden reduction. Outline is in place. The work item and corresponding resolution has been approved by ISO TC215 WG1. Will solicit input from ISO National Member Bodies (35 member bodies participating plus over 30 more observing nations) and build on RCB’s current draft white paper. Ultimately will be approved and published as ISO 4419. Dave Schlossman is leading RCB for TC215 WG1 this effort. Artifacts include a 2-page Outline and 2-page overview. This is a Technical Report that is Informative and does not need to have an ISO New Work Item Proposal (NWIP).
   v. Possible collaboration with the HIMSS Physician Committee through the HIMSS accelerate platform. Michael Brody and Barry Newman to reach out to Genevieve J. to schedule a follow up meeting. As of 1 Jan 2022, Dr. Brody is no longer on this committee. Gary to reach out to Dr. Barry Newman.

f. Problem-Oriented Health Record (POHR) Project (#1831) (Gary, Lincoln and Mark)
   i. POHR FP currently in the 2022JAN balloting process.
   ii. POHR alternates with RCB in the Monday 3PM ET time-slot.
   iii. Next meeting will occur 10 Jan 2022 to begin to "pre"-view ballot responses.

h. Pediatric Care Health IT Functional Profile (PCHITFP) (Dr. Pele Yu)
   i. No new updates.
   ii. Ballot reconciliation now complete. Next step is to generate the final publication package. Group will be working over the holidays to respond to all ballot comments with goal of having everything "cleaned up" before the Jan 2022 HL7 WGM.
   iii. PHITFP Team has been meeting very Tuesday at 4PM ET US; deferred now until the 2022JAN HL7 WGM.

i. Mobile Health Work Group’s SHIFT (School Health Innovation Framework leveraging Technology) Project (John Ritter) - SHIFT Project will be resuming after the EHR-S Usability FP is finished. - Deferred
   i. SHIFT Project: Gora Datta and Matt Graham (from the Mobile Health Work Group) met last night from 11 pm to 12 midnight ET to flesh out more of the Executive Summary (document).

7. EHR-S FM R3 - Deferred
   a. The EHR WG intends to invest time brainstorming structure and content of the next release of the EHR-S FM (i.e., Release 3) during its weekly conference calls. Michael VdZ helping with mapping to FHIR. The list management section mapping is underway. Try to expand CP1.4 to get a more complete mapping. We need to put forward the materials from the Sept 2021 WGM and queue up for discussion at next week’s EHR WG Weekly Teleconference.

8. EHR WG Event and Parking Lot Discussions (NOTE: Unless otherwise specified all conference calls use the same Zoom meeting link as listed at the top of this document.)
   a. EHR WG PBS (Project / Ballot Status) metrics
      i. EHR WG is in “Yellow” status, but it is not clear why based on the spreadsheet from HL6 HQ.
      ii. As noted previously, PHR-S FM R2 is awaiting ANSI approval for final publication. The EHR-S Usability FP should be ready soon for publication. Finalizing these two items will satisfy a long-standing deficit in EHR WG PBS metrics.
iii. All other required items are “green” (up to date), noting that we do have some updates needed in 2022.

b. Inactive Projects

   i. **All projects where we are primary have been addressed.** However there remain a number of projects that appear to be inactive, where EHR WG is a co-sponsor. We are working with designated project leads and/or the sponsoring WG to get these statuses properly. Inactive projects have been reviewed where we are co-sponsors and Steve H to follow up on those projects.

c. **Meetings** – Unless otherwise specified these all use the GoToMeeting platform

   i. Podiatry FP meets most Fridays at 1200 ET US - will restart in January after Publication

   ii. Reducing Clinician Burden: Every other Monday (1st and 3rd) at 1500 ET US (alternating with the POHR meetings). Next meeting is 6 Dec 2021.

   iii. Reducing Clinician Burden/Medication List Management and Reconciliation team meets most every Thursday at 1700 ET US.

   iv. Problem-Oriented Health Record Focus Team meets every other Monday at 1500 ET US (alternating with the RCB meetings); meetings now on hold until Jan 2022, when ballot reconciliation will start.

   v. Dental Functional Profile; currently on HOLD until after Feb 2022 F2F Chicago meeting. Uses ZOOM instead of GoToMeeting.

   vi. Pediatric Health IT Functional Profile (PHITFP) typically meets every Tuesday at 1600 ET US. Contact Pele Yu at Yu@archildrens.org.

d. **Re-envisioning HL7 WGM EHR Mega Report-Out**

   i. Discuss whether/how to conduct future EHR WG Mega Report-Out sessions at upcoming HL7 WGMs. We will defer Mega report out to next F2F - Renaissance Dallas Hotel, May 2022.

**Next meeting: 2022-01-11**