35th Annual Plenary & Working Group Meeting

Virtual Event

September 20-24, 2021
Where to Go

- Check the schedule: find it on the Whova app
- Ask a question during a session: use the Whova Q&A tab or Zoom chat
- Network: find colleagues in the Whova Community section
- Visit the sponsors: located in the Whova Sponsor section
- Technical assistance: contact WGMHelpDesk@HL7.org
Recognizing the 2021 Benefactors
Thank You to Our Benefactors
Recognizing the 2021 Gold Members
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Don’t forget to fill out the survey to be eligible for one $500 drawing for HL7 Education and Virtual Events!

https://www.surveymonkey.com/r/Sept2021WGM
Future HL7 Working Group Meetings

January 2022
Working Group Meeting (CST)
Virtual Event
January 18 – 21, 2022

May 2022
Working Group Meeting (EDT)
Renaissance Dallas Hotel, TX
May 9 – 13, 2022

36th Annual Plenary & Working Group Meeting (EDT)
Baltimore, MD
September 17 – 23, 2022
2023 HL7 Working Group Meetings

January 2023
Working Group Meeting (CST)
Hilton Lake Las Vegas Resort, NV
January 16 – 20, 2023

May 2023
Working Group Meeting (EDT)
Hilton New Orleans, LA
May 8 – 12, 2023
2022 Connectathons

**HL7® FHIR® Connectathon (CST)**
Virtual Event
January 10 – 12, 2022

**HL7® FHIR® Connectathon (EDT)**
Renaissance Dallas Hotel, TX
May 7 – 8, 2022

**HL7® FHIR® Connectathon (EDT)**
Renaissance Harborplace Hotel, MD
September 19 – 23, 2022
2023 Connectathons

**HL7® FHIR® Connectathon (CST)**
Hilton Lake Las Vegas
January 14 – 15, 2023

**HL7® FHIR® Connectathon (EDT)**
Hilton New Orleans, LA
May 6 – 7, 2023
HL7 Certification

- HL7 CDA Specialist
- HL7 FHIR Proficient
- HL7 V2 Control Specialist
- HL7 V3 RIM Specialist

- VA eligible veterans can apply for reimbursement of HL7 certification exam fees!

Visit HL7.org/certification
HL7 FHIR Fundamentals Course

- In-depth overview of FHIR in a self-paced format

- Discounts available for:
  - HL7 members
  - Students
  - Low- & middle-income economies

- Last session of the year:
  - October 28 – November, 2021
HL7 FHIR Exam Prep Course

- Prepare to take the HL7 FHIR R4 Proficiency Exam

- Practice by taking a 50-question simulated exam

- Last session of the year:
  - September 30 – October 28, 2021
  - Registration closes THIS FRIDAY!
HL7 Education on Demand

- Your 24/7 source for:
  - On-demand classes and webinars
  - Certification exam prep resources

- Access **Education on Demand** from the “Training” menu on the HL7.org website
HL7 Jobs Board

- We are currently waiving fees to post open positions on the HL7 Jobs Board!

- Find the Jobs Board under the “Resources” tab
Woody Beeler Scholarship

- Final application day is October 29
- Committee reviews applications in November
- Recipients are notified by December 1
- Scholarships can be applied to the January 2022 WGM
Co-Chair Election Results

- Arden Syntax - Peter Haug, MD
- Biomedical Research and Regulation - Maryam Garza
- Clinical Decision Support - Robert Jenders, MD, Ken Kawamoto, MD, Bryn Rhodes
- Clinical Genomics - Robert Freimuth, PhD, Kevin Power, Patrick Werner
- Clinical Information Modeling Initiative - Stan Huff, MD, Richard Esmond
- Clinical Interoperability Council - Bruce Bray, MD, Laura Heermann Langford, RN, PhD, Russ Leftwich, MD
- Clinical Quality Information - Paul Denning, Yan Heras, Stan Rankins, MIS, MSIT
- Community Based Care and Privacy - David Pyke
Co-Chair Election Results

- Conformance - Ioana Singureanu, Robert Snelick
- Cross-Group Projects - Floyd Eisenberg, MD
- Devices - Chris Courville, other position unfilled
- Electronic Health Records - Steve Hufnagel, Mark Janczewski, MD, MPH, John Ritter
- Emergency Care – Dr. Jim McClay
- FHIR Infrastructure - Josh Mandel, MD, Lloyd McKenzie, Yunwei Wang
- Financial Management - Kathleen Connor, Celine Lefebvre, JD, Mary Kay McDaniel, Andy Stechishin
- Imaging Integration - Jonathan Whitby
Co-Chair Election Results

- Implementable Technology Specifications - Paul Knapp
- Infrastructure and Messaging - Unfilled
- Learning Health Systems - Bruce Bray, MD
- Mobile Health - Matthew Graham
- Modeling and Methodology - Grahame Grieve, Jean Duteau
- Orders and Observations - Lorraine Constable, Rob Hausam, MD, Ralf Herzog, John David Nolen, MD, PhD
- Patient Administration - Cooper Thompson, Alex de Leon
- Patient Care - Laura Heerman Langford, RN, PhD, Emma Jones, Michelle Miller, Michael Padula, MD Michael Tan

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Co-Chair Election Results

- Patient Empowerment - Abigail Watson
- Payer/Provider Information Exchange - Alberto Llanes
- Pharmacy - John Hatem, Melva Peters, Scott Robertson
- Public Health - Erin Holt, MPH, Craig Newman, Laura Rappleye, Danny Wise
- Publishing, Electronic Services and Tooling - Brian Pech, MD, MBA, other 2 positions unfilled
- Security - Kathleen Connor, Alex Mense
- Services Oriented Architecture - Jerry Goodnough, Stefano Lotti
- Structured Documents - Gay Dolin, MSN, RN, Benjamin Flessner, Austin Kreisler, Russ Ott, Matt Szczepankiewicz
- Vocabulary - Jess Bota, Rob Hausam, MD, Rob McClure, MD
Don’t miss the Cookie Break every day at 3:00 PM ET
Chairs of the HL7 Board of Directors

- Walter Suárez, 2020-2021
- Calvin Beebe, 2018-2019
- Pat Van Dyke, 2016-2017
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- Ed Hammond, PhD, 2008-2009
- Chuck Meyer, 2006-2007
- Mark Shafarman, 2004-2005
- Wes Rishel, 2002-2003
- Stan Huff, MD, 2000-2001
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- Dave Carlson, 1994-1995
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- Pat Van Dyke, 2016-2017
- Stan Huff, MD, 2014-2015
- Don Mon, PhD, 2012-2013
- Bob Dolin, MD, 2010-2011
- Ed Hammond, PhD, 2008-2009
- Chuck Meyer, 2006-2007
- Mark Shafarman, 2004-2005
- Wes Rishel, 2002-2003
- Stan Huff, MD, 2000-2001
- Woody Beeler, PhD, 1998-1999
- Ed Hammond, 1996-1997
- Dave Carlson, 1994-1995
- Sue Campbell, 1991-1993
- Ed Hammond, PhD, 1990
- John Quinn, 1989
- Sam Schultz, PhD, 1987-1988

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Christopher Chute
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HL7 Netherlands
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Hans Buitendijk
Philip Caillouet
Thomas Curtin
Mark Gathers
Freida Hall
Stan Huff
Ted Klein
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Paul Lo Russo
Chris Melo
Charles Meyer
Doug Pratt
Abdul Malik Shakir
Mickie Tisdale
Siu Wing Tong
Mead Walker
30 Year Members!!

Gary Dickinson
Ed Hammond, PhD
Clem McDonald, PhD
Co-Chair
Announcements
HL7 DEVICES WG
September 2021

Meeting Joint with **IEEE-11073 Point-of-Care Device** Working Group

WebEx Information:
https://ieeesa.webex.com/ieeesa/j.php?MTID=med0e5d8362b2d4caa329de5de988fcd9
Meeting number (access code): 2346 569 8933
Meeting password: sjM5xMTXE56
HL7 DEV Agenda and Meeting Minutes

- September 2021 Virtual Working Group Meeting
- See HL7 Confluence Site for details
  - 2021-September 20 --> 24 Work Group Meetings, Virtual
- Be sure to “check in” on the Attendance Page
- Meeting Agenda
- Tuesday – Q1 & Q2 (8 AM EST Start…): IEEE-11073 Portion
- Wednesday – Friday Q1 & Q2 (9 AM EST Start…) – HL7 Portion
HL7 DEV Leadership and contact information

**HL7 DEV WG Leadership:**
- CO-CHAIR: TODD COOPER
- CO-CHAIR: CHRIS COURVILLE
- CO-CHAIR: JOHN GARGUILO
- CO-CHAIR: JOHN RHOADS
- CO-CHAIR: MARTIN ROSNER

**Contact Info:**
- todd@trustedsolutionsfoundry.com
- ccourvil@epic.com
- john.garguilo@nist.gov
- johnrhoads@johnrhoads.net
- martin.rosner@philips.com

**HL7 Anesthesia WG (in DEV):**
- CO-CHAIR Martin Hurrell
- CO-CHAIR John Walsh

- martinjhurrell@gmail.com
- jwalsh@partners.org
IEEE 11073 WG Leadership & Contacts

IEEE 11073 SC Leadership:
- CHAIR: KEN FUCHS
- VICE-CHAIR: DAIDI ZHONG
- SECRETARY: STEVEN DAIN
- emb-11073-Listserv: emb-11073-sc@LISTSERV.IEEE.ORG

Contact Info:
- ken.fuchs@ieee.org
- daidi.zhong@ieee.org
- sdain@rogers.com
IEEE 11073 Point of Care WG Leadership & Contacts

- **IEEE 11073 PoCD WG Leadership:**
  - CHAIR: Incoming: STEFAN SCHLICHTING
  - VICE-CHAIR: STEVEN DAIN
  - SECRETARY: KONSTANTINOS MAKRODIMITRIS

- IEEE-SA Liaison to PoCD: TOM THOMPSON
- 11073 PoCD Google Group: [ieee-11073-pocd@googlegroups.com](mailto:ieee-11073-pocd@googlegroups.com)

- **Contact Info:**
  - Stefan.Schlichting@unity.de
  - sdain@rogers.com
  - Konstantinos.Makrodimitris@fda.hhs.gov
  - thomas.thompson@ieee.org

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IEEE EMB 11073 PoCD WG Meeting
Tuesday Q1&Q2 (8:00 AM - 12:00 PM EST, US)

Agenda:

- **08:00a | Welcome, Introductions, and Agenda Review** [Steve/Kosta]
- **08:05a | IEEE Disclosures** [Ken]
- Call for Potential Essential Patents Holders. Please contact IEEE WG co-chairs with just name and affiliation.
- **08:15a | Agenda Review** [Kosta]
- **08:25a | Review Previous Minutes and New Members**[Kosta]
- **08:45a | 11073 SC Update** [Ken]
- **09:00a | IEEE 11073 PARs, Projects, SDOs and Analytics** [Tom, All]
  - IEEE reports, dates and stats (Tom) 15mins
- **12a Closing** [Stefan/Kosta/Steve]

- **9:15a | Other SDOs WGs eg AAMI, LOINC, ISO, IEC, SNOMED, IEEE 11073-PHD, FDA/DSAB, MDEPINET...(ALL)**
  - IEEE PHD Report-out on ACOM, health sensors ([Ray/Martin R./Brian/Javier](#))
- **9:30a | Update RCC-MH/ISOTC215, Mobile Health project** (Ken, Gora)
- **09:45a | IEEE 11073 SDC Update** [Martin]
- **10:30a | Break**
- **10:45a | IEEE 11073 Nomenclature Update** [Paul]
- **11:30a | 11073 Stories/Pilots and Conformity and Regulatory track:** [IHE, ASCA, NIST/FDA, IMDRF](#) (Kosta, John, Todd)
- **11:50a | Logistics next WG meeting, Additional topics for Friday morning?**
• Welcome, Introductions, and Agenda Review (HL7 Officers)
• HL7 DEV Working Group 'Health Reports and the Project and Ballot Health Metrics': 2021Sep Final Reports
• May 2021 WG Meeting Minutes Review / Approval (Garguilo)
• Note: HL7 International Education on Demand Site for members: https://www.pathlms.com/hl7
• HL7 DEV General WG Updates (HL7 Officers)
  • HL7 DEV / Updates & Biz and Work Group documents
• Anesthesia (Martin Hurrell)
  • Topics?
  • Previously discussed idea of merging projects version 2 of Intraoperative anesthesia DAM and FHIR Implementation Guide
  • IEEE PHD Report-out on ACOM, health sensors Brief Profile Proposal (Martin R/Javier/Ray/Brian or Barry R.)
• PHD Status Update (Thom Ericson)

HL7 PHD and PoCD FHIR DoF - focus
• General Updates per the IGs and active projects
• IHE Devices / PCH (PCHAlliance / Continua) report out on related profiling work (Martin Rosner/Javier/Brian R.)
• V2-to-FHIR Mapping (specifically for ORU) (John Rhoads)
• Discussion (potential items) before Thur's Joint O&O Meeting in Q1 (John Rhoads)
• Incorporating description - cross-walk to UDI (John Rhoads)
  • Provide an update per OO & IEEE standards & IHE Profiles >
  • Issues and Challenges...
• Guest Presentation: Dr. Maurice Ramirez on AI applied to SAMD & Emergency Care
  • (TBD: Speaker not confirmed; Day and Quarter not determined)
• Update on TC215 & JWG7 Related Projects (PHN-A & DTx & SES MDI) (Todd Cooper)
  • (Related to PCH / DoF and Dr. Ramirez Presentation)
• MDIRA profile update (Steve Griffiths / Jan Rizzuto / Todd Cooper)
  • Verbal tour of the MDIRA profile work w/ confluence pages & work planning
  • IHE MDIRA Profile (confluence pages) review (Cooper)

HL7 Devices (DEV) WG Meeting: Wednesday Q2 (11:00 AM - 12:30 PM EST, US)

• MDIRA Update
  • General project update (Griffiths)
  • IHE MDIRA Profile (confluence page) review (Cooper)
  • Topic: Devices on FHIR (Wednesday - Some Q2?)
    • PoCD FHIR IG (rev 0.3.0) - ballot comment resolution and advancement toward publication
    • PoCD FHIR IG (rev 2.0) - PSS advancement
    • DeviceAlert FHIR Resource - FHIR Resource project proposal review / content review / advance toward first ballot Summer ’22 etc.
    • NOTE: HL7 PMO October PSS submission deadline
    • QUESTION: Will we need to meet with FMG or others to review our work plan and get it "approved"? <Probably a FMG call outside the WGM week>

• Gemini SES MDI - SDC/SDPi+FHIR (Cooper)
  • Update on project efforts since the May ’21 WGM
• Welcome, Introductions, and Agenda Review (HL7 Officers)
• Agenda Review (HL7 Officers)
• Joint O & O (at O&O → Courville)
• Joint FHIR-I (at FHIR-I → Rhoads)
• 11073-10101 Nomenclature Update - Deeper Dive (Paul Schluter)
  • Discussion of Nomenclature (beyond status update from Tuesday Session)
  • Anesthesia WG
  • Report out on Dialysis work
• (NIST) Tooling & Testing (Faughn, Garguilo)
  • RTMMS version 2 status update (Faughn)
  • V2+ Project / Tooling Update
• Gemini CA Tooling and Testing (Cooper)
  • Review IHE events / CAT Planning
  • FDA ASCA / IHE CA Discussion - Follow-up from Last May WG
• Continued from Q1
  • Items not covered in Q1 - As needed...
• OO Report Out from Joint Meeting with DEV (Courville) →
  Note: May be deferred until tomorrow/Friday Q1
  • V2-to-FHIR mapping update (esp. for ORU message semantics)
  • UDI Update (is it actually still ... relevant? Progressing?)
  • FHIR DeviceDefinition & related device supply chain management discussions
• FHIR-1 Report Out (Rhoads/Brian Reinhold)
  • May be deferred until tomorrow/Friday Q1

• Joint with Mobile Health WG (Matt Graham/Gora Datta/Nathan Botts/Frank Ploeg - Mobile Health Co-Chairs)
  • Welcome & Introductions (Mobile Health WG Agenda)
  • General mHealth WG Updates w/ report out and status of on-going projects (Graham/Datta)
  • New PSS "Unique Mobile Health App Identifier" (Datta)
  • Topic: Possible connection between JHU/APL MDIRA / Gemini MDIRA Profile & HL7 mHealth Standards? (Cooper / Datta)
• O&O (Joint w/ DEV) Report Out from Thursday Q1 (Rhoads)
  • If not provide on Thursday...
• Devices on FHIR from Thursday Q1 - Final Updates / Actioning
  • If not provided on Thursday...
  • FHIR-I Q1 Report Out (Courville)
  • Topic Resolution:
    • Jira Issues:
    • Zulip Discussion:
  • DEV Monitoring: V2-to-FHIR ... Who? When? How?
• Japan SCOT project (Koichiro)
• DPI + FHIR Update
• IEEE PKP 1070x standards development (David Gregorczyk)
• Gemini SDC/SDPi Work Session (Cooper)

HL7 Devices (DEV) WG
Meeting: Friday Q1/2 (9:00 - 12:30 PM EST)

• Open Discussion / Topics Arising from this week...
  • IEEE POCD 11073 additional topics
  • Interoperability standards success stories/Pilots and Conformity updates around the globe
  • FDA (Konstantinos Makrodimitris) Meetings - Planning 2021-2022
  • Regulatory map/coordination on interoperability
  • USCDI-ISA ONC monitor/comment
  • ...
• Planning January 18-21 '22 WGM
  • Feedback from these/Sept '21 meetings
  • Objectives / Core Topics for January ’22 (incl. joint sessions)
• Action Items overview going forward from Sept. 2021(HL7/IEEE/ISO) and coordination with other SDOs
  • Action Item Review
  • HL7 PSS "Action Plan"
CURRENT VERSIONS OF WG DOCUMENTS, FOR DISCUSSION (CONTACT JOHN RHOADS FOR LATEST VERSIONS 😊)

HTTPS://WWW.HL7.ORG/DOCUMENTCENTER/PUBLIC/WG/HEALTHCAREDEVICES/DEFAULT_HL7_WG_DMP_2018.PDF

DEFAULT_HL7_WG_DMP_2019_V5.2_CLEAN.DOCX

HTTPS://WWW.HL7.ORG/DOCUMENTCENTER/PUBLIC/WG/HEALTHCAREDEVICES/HL7_DEVICES - 3-YEAR PLAN 2021 - 2024.DOCX

HTTPS://WWW.HL7.ORG/DOCUMENTCENTER/PUBLIC/WG/HEALTHCAREDEVICES/HCD_DEV_SWOT_ANALYSIS_2019-01-17.DOC

The Human and Social Services Work Group was established to provide:
- A dedicated home for Human and Social Services sector stakeholders
- HL7 experts that focus on interoperability of non-clinically oriented social risks and needs

The work group will focus on:
- The development of use case requirements and HL7 based standards in the areas of Human Services, Social Services Case Management, and Child Well-Being

If you are interested in participating, please contact Kenneth Salyards at Kenneth.Salyards@acf.hhs.gov.
### HL7 Electronic Health Record WG

#### Key Virtual Sessions – 20-24 September 2021

<table>
<thead>
<tr>
<th>Monday Q1-Q2</th>
<th>HL7 Plenary Sessions</th>
</tr>
</thead>
</table>
| **Monday Q3-Q4**<br>1:30PM ET | **Reducing Clinician Burden** Project Team  
Leads:  Gary Dickinson FHL7, David Schlossman MD  
- Presentation – Christine Sinsky MD, VP at AMA  
- Proposal – HL7 Burden Reduction Advisory Group, Matt Reid, AMA  
- Update – Collaboration w/HIMSS Physician Committee, Michael Brody DPM  
- Project Update – Problem List Management, Joel Buchanan MD  
- Project Update – Medication List Management, David Schlossman MD |
| **Tuesday Q1**<br>9AM ET | **Hosting** – **Mobile Health**  
Leads:  John Ritter FHL7, Gora Datta, Matthew Graham |
| **Tuesday Q2**<br>11AM ET | **Pediatric Care HIT** Functional Profile – Ballot Review  
Lead:  Pele Yu MD |
### HL7 Electronic Health Record WG
#### Key Virtual Sessions – 20-24 September 2021

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
<th>Session</th>
<th>Lead(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wednesday Q2</td>
<td>11AM ET</td>
<td>EHR/PHR System Functional Models/Profiles – Tooling Support</td>
<td>Michael Van Der Zel</td>
</tr>
<tr>
<td>Wednesday Q3</td>
<td>1:30PM ET</td>
<td>EHR Work Group – General Session</td>
<td>EHR WG Co-Chairs</td>
</tr>
<tr>
<td>Thursday Q3-Q4</td>
<td>1:30PM ET</td>
<td>EHR System Functional Model R3 – Planning Sessions</td>
<td>EHR WG Co-Chairs</td>
</tr>
<tr>
<td>Friday Q2</td>
<td>11AM ET</td>
<td>Podiatry Functional Profile – Ballot Review</td>
<td>Michael Brody DPM, Reed Gelzer MD</td>
</tr>
</tbody>
</table>

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HOT TOPIC – “Reducing Clinician Burden” (Monday Q3-Q4)
Objective – To identify the substance, extent and impact of clinician burden, determine root cause(s), identify success stories, apply findings to Standards (e.g., upcoming EHR-S FM R3)

<table>
<thead>
<tr>
<th>EHR/PHR System Functional Models – Ready to be Advanced to ISO</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Published at HL7 – ISO/HL7 16527 – Personal Health Record System FM Release 2</td>
</tr>
<tr>
<td>• Published at HL7 – ISO/HL7 10781 – Electronic Health Record System FM Release 2.1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>EHR System Functional Profiles</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Recently Published – Dental Health, Immunization, Nutrition, Work and Health FPs</td>
</tr>
<tr>
<td>• Ready to Publish – EHR System Usability/User Centered Design/Usability Infrastructure FP</td>
</tr>
<tr>
<td>• In Progress – Pediatric Care HIT, Podiatry, Problem Oriented Health Record FPs</td>
</tr>
</tbody>
</table>
Most EHR WG Teleconferences will use Zoom via Whova App

- Except
  - Reducing Clinician Burden, Monday, 1:30PM ET
  - Pediatric HIT Functional Profile, Tuesday, 11AM ET
  - Podiatry Functional Profile, Friday, 11AM ET

- [https://global.gotomeeting.com/join/798931918](https://global.gotomeeting.com/join/798931918)
Patient Care Work Group Updates

2021-09 – Virtual WGM

Stephen Chu
Laura Heermann Langford
Emma Jones
Jay Lyle
Michelle Miller
Mike Padula
Michael Tan
Care Plan topics

- **CP DAM 2.0 in progress**
  - To address key and emerging topics in care planning and care coordination, including:
    - Key concept contents close to finalisation: Assessment, Health Concern, Goal, Intervention, Evaluation/Outcome, Barrier to care, Risks, Care Coordination
    - Review use cases and functional requirements need to be supported

- **Multiple chronic condition eCare Plan:**
  - An initiative of NIH
  - To develop an **interoperable patient-centered electronic care plan** to facilitate coordination of care for people with **multiple chronic conditions** (MCC)
  - Progress since 2021-05 WGM:
    - Review work on information components and proposed valuesets on: clinical and social health concerns, goals, interventions, health status, outcomes, evidence-based guidelines and care plan
    - Working progress slide decks can be accessed at the MCC project meeting confluence page:
      - [https://confluence.hl7.org/display/PC/MCC+Meeting+Minutes](https://confluence.hl7.org/display/PC/MCC+Meeting+Minutes)
    - Project scope and plain:
      - [https://confluence.hl7.org/display/PC/Multiple+Conditions+%28MCC%29+eCare+Plan](https://confluence.hl7.org/display/PC/Multiple+Conditions+%28MCC%29+eCare+Plan)
Patient Centred Care team

Care Team domain analysis model r2.0 work in progress
- Addresses comments from r1.0 ballot
- Including multi-organisation, multi-disciplinary care team members information access and consent requirements
- Use case contributions from project members:
  - https://docs.google.com/document/d/1K-gX461TGFtpdS0pyckCBhVYLl2vwE8Gr2IYCjywFLc/edit#heading=h.xt7xn1v4xj36

Second informative ballot planned for future ballot cycle (Sept 2021)

Future work:
- to address inconsistency across FHIR pattern related resources
- New CDA Care Team Entries Templates
  - In updated C-CDA Companion Guide
PCWG FHIR Resources Update

2021-09 HL7 Virtual WGM – PCWG FHIR topics meeting schedule

- AdverseEvent (Tues Q2)
- AllergyIntolerance
- CarePlan (Thurs Q1)
- CareTeam (Thurs Q4)
- ClinicalImpression
- Communication
- CommunicationRequest
- Condition (Tues Q1)
- ConditionDefinition
- FamilyMemberHistory
- Flag
- Goal
- Linkage
- Procedure

FHIR Quarters
- Tues Q1 – Joint CIMI/PC
- Tues Q2 – Joint BRR/PC
- Wed Q1 – Joint OO/PC
- Wed Q3 – Joint PA/PC
- Thurs Q1 – CarePlan Report Out
- Thurs Q4 – Joint LHS/PC
September 2021 Clinician-on-FHIR focus:

- Queries to retrieve FHIR data to answer clinical questions to support better clinical decisions
- Four tracks identified: Vaccination, neonatal hyperbilirubinaemia management, medication management review, diet management goals and barriers
- [https://confluence.hl7.org/display/PC/September+2021+-+Virtual+Clinician-on-FHIR](https://confluence.hl7.org/display/PC/September+2021+-+Virtual+Clinician-on-FHIR)
- Tool used: [http://clinfhir.com/query.html](http://clinfhir.com/query.html)
- Search parameter examples: [https://confluence.hl7.org/display/PC/Search+Parameter+Examples](https://confluence.hl7.org/display/PC/Search+Parameter+Examples)
PCWG sponsored projects – Ophthalmic FHIR IG

- Project goal – to define a set of standardize FHIR resources (including extensions, profiles) to support:
  - Continuity and transition of care, and
  - Interoperable communications and coordination between all care providers
  - Involve in care of patient suffering common types of eye care
- Use cases based on common ophthalmic conditions such as age-related macula degeneration (AMD)

Co-sponsored by EHRWG

- Informed by General Eye Examination specification produced by IHE:

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<th>observation/code</th>
<th>Data Type</th>
<th>Unit of Measure</th>
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- Ballot submission – September 2021
  - Ballot closed 2021/09/15

https://confluence.hl7.org/display/PC/Ophthalmology+FHIR+Project
https://confluence.hl7.org/display/PC/Ophthalmology+Retina+Module+IG+Project+Scope+Statement
### PCWG sponsored projects – PACIO Project

- **Functional Status and Cognitive Status**
  - Recently completed IG ballot reconciliation and received sponsor approvals
  - Begin HL7 IG publication process

- **SPLASCH** (Speech, Language, Swallowing, Cognitive Communication, Hearing)
  - Project Scope Statement (PSS) recently approved by sponsors
  - Submitted to HL7 PMO on 9/15 for entry into Project Insight
  - On agendas for US Realm and FMG approvals
  - Continue work on data element identification, use case planning, and patient story creation
  - Anticipate participation in HL7 May 2022 Connectathon

- **Advanced Directive Interoperability (ADI)**
  - Tested draft IG in September 2021 HL7 Connectathon:
    - 5 systems tested from 5 implementers
    - (minor IG improvements identified)
  - Further refinement of IG and testing with interested parties
  - Plan for January 2022 ballot

- **Re-Assessment Timepoints**
  - Tested draft IG in July 2021 CMS Connectathon:
    - 7 systems tested from 5 implementers
    - (no IG issues identified)
  - Further refinement of IG and Reference Implementation (RI)
  - Plan for January 2022 ballot
Collaborative C-CDA – IPS templates: analysis and harmonization
Patient Care Workgroup

Updates

- Your contributions/inputs and support are critical to the success of all PCWG projects

- **Please join us** at the weekly conference calls:
  - Fortnightly PCWG call: 2nd and 4th Monday of each month, 5:00pm US Eastern
  - Clinician-on-FHIR: Tuesday 5:00pm US Eastern
  - Care Plan DAM 2.0 and Multiple chronic condition eCare Plan: Wednesday 5:00pm US Eastern
  - PCWG FHIR: Thursday 5:00pm US Eastern

- Online Meeting Link: [https://zoom.us/j/5328571160](https://zoom.us/j/5328571160)
  Online Meeting ID: 532 857 1160

- PCWG confluence page: [https://confluence.hl7.org/display/PC](https://confluence.hl7.org/display/PC)
You are Invited:
To help EMPOWER Patients

- Patient Empowerment is meeting this week
  - Action Packed schedule M-F
- Topics Include
  - Patient generated health data
  - Advance directive interoperability
  - Patient request for corrections
  - Consumer Outreach
  - And more!
- Joint Meetings to Collaborate with
  - Security, CBCP, Patient Care, Public Health and FHIR-IT
September WGM 2021

Payer/ Provider Information Exchange Work Group (PIE)

Co-chairs:
Durwin Day
Christol Green
Russ Ott
Topics to be covered a PIE WG

PIE WG agenda can be found at:
https://confluence.hl7.org/pages/viewpage.action?pageId=77367789

Sept 21st:
- Q1 – Administrative work
  - Charter/Mission review
  - WG Health
  - ACP Publication
  - ONC ISA, VSAP, USCDI comments review

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Topics to be covered a PIE WG

Sept 21\textsuperscript{st}:
\begin{itemize}
\item Q2 – PIE WG will join Structured Documents work group for USCDI v2 C-CDA
\item Q3 – PIE WG will join Financial Management (FM) work group
\item Q4 – PIE WG will join Financial Management (FM) work group
\end{itemize}

Sept 23\textsuperscript{rd}:
\begin{itemize}
\item Q2 –
\begin{itemize}
\item HL7 CDA\textregistered R2 Attachment Implementation Guide: Exchange of C-CDA Based Documents, Release 1.1 – finalize ballot reconciliation sign-off
\item LOINC Discussion: new codes / HIPAA Tab OID
\end{itemize}
\end{itemize}
Topics to be covered a PIE WG

Sept 23rd:

- Q3 –
  - Connectathon readout
  - US Realm Updates
  - Admin work continued

- Q4 –
  - Co-Chair report readout
  - New co-chair announcement
Thank You!!!

- A giant THANK YOU to all the hard working, dedicated Public Health and Healthcare workers doing a fantastic job of keeping everyone safe and well!
Our Mission

- To create and promote its standards by helping to assure that HL7 product lines (e.g. v2, CDA, FHIR), data models, messages, documents and services address the requirements of the many public health agencies, both governmental and non-governmental.
Areas of Interest

- Human and animal population health monitoring
- Disease and event detection, response and control
- Contact tracing
- Outbreak investigation
- Immunization
- Vital records

- Public health registries
- Food safety
- Environmental health
- Emergency preparedness and response
- Reporting to monitoring and regulatory agencies
Project Areas

- Newborn screening (Congenital Heart Defects, Early Hearing Detection, Diagnostic Audiology, Birth Defects)
  - v2, CDA, DAM
- Case Reporting and Reportability Response
  - CDA, FHIR
- Syndromic Surveillance
  - V2
- Public Health reporting reference architecture (MedMorph)
  - FHIR
Project Areas

- Immunization and Vaccine Credentials
  - v2, FHIR

- Occupational Data for Health
  - v2, CDA, FHIR

- Vital Records (Death Reporting and Birth and Fetal Death Reporting)
  - DAM, v2, CDA, FHIR

- Bidirectional Services eReferral
  - FHIR
Project Areas

- Health Care Surveys
  - CDA
- Cancer Registry Reporting
  - CDA, FHIR
- Lab and Healthcare Acquired Infections
  - v2, CDA, FHIR
Project Areas

- Situational Awareness for Novel Epidemic Response (SANER)
  - FHIR
- Common Profile Library for Vital Records
  - FHIR
- Common Profile Library for US Public Health (in general)
  - FHIR
Getting Involved

- Weekly calls every Thursday at 4PM Eastern