

# EHR Interoperability and Lifecycle Model DSTUs – Incorporation in EHRS Functional Model Release 2 (Proposed)

HL7 EHR Interoperability WG

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# Conjoining HL7 EHR/EHRS Models

## Objectives

- Bring Common Focus to System Functionality and Record Interoperability
- HL7 EHR System Functional Model Release 2, incorporate key content from:
  - HL7 EHR Interoperability Model DSTU, Mar 2007
  - HL7 EHR Lifecycle Model DSTU, Feb 2008
- Agreed by EHR WG, Kyoto, May 2009

# EHR Interop to EHRs Functional Model

## A-G: Assertions, Examples

EHR/IM Column	Current	Proposed
A	ID	As is
B	Assertion/Characteristic	Include in New Chapter (1) w/table <u>or</u> Embed in Information Infrastructure
C	Elaboration	In Table with B
D	<Attribute Class>	Remove (now included in CDA R2 Reference Profile DSTU)
E	Example	<a href="#">Incorporate in New Appendix X1</a>
F	Use Case Example	
G	Legal Record Requirement?	Coordinate with RM-ES Team In Table with B?

# EHR Interop to EHR Functional Model

## H-L: Conformance Criteria

EHR/IM Column	Current	Proposed
H-L	Conformance Criteria	<a href="#">Incorporate in New Appendix X2</a>
H	Source EHR/Application	
I	Source EHR - Outbound	
J	Interchange Standard	
K	Intermediary Application	
L	Receiving EHR/Application	

# EHR Interop to EHRs Functional Model

## M-O: Key Assurances

EHR/IM Column	Current	Proposed
M-O	Key Stakeholder Assurance	<a href="#">Incorporate in New Appendix X3</a>
M	Patient (Record Subject)	
N	Record Author/Originator	
O	Record Recipient	

# EHR Interop to EHRIS Functional Model

## P-U: References, CDA R2

EHR/IM Column	Current	Proposed
P	Standards Reference	Include in EHRIS/FM References
Q	EHRIS/FM Reference	
R	Normative Clause	Remove
S	Progression	
T	CDA R2 Reference	Remove (now included in CDA R2 Reference Profile DSTU)
U	Testability Criteria	

# EHR Lifecycle to EHRS Functional Model Recommendation

- Include entire EHR Lifecycle Model in separate FM Section
- Add Column to Direct Care, Supportive and Information Infrastructure
  - To denote which EHR Record Lifecycle event is likely triggered by each function or conformance criteria, as applicable
  - And reference corresponding Record Event Service (HL7 SAIF Alpha Project)