

Table 1 Features of HL7 and ISO 13606 messaging standards

General features of messaging standards of HER		ISO13606	HL7
Mission	Defines rigorous and stable information architecture for communicating part or all of the HER	✓	
	Standards for the exchange, management, and integration of healthcare information		✓
Included parts	Models	✓	✓
	Archetype	✓	-
	Template	-	✓
Available model	Information model	✓	✓
	Use case model, interaction model, message design model	-	✓
Core model	Reference model	✓	✓
Classes of reference model	Act, roll, participation, entities, act relationship, roll link	-	✓
	HER – extract, folder, composition, section, entry, element, cluster, record component, audit-information, function role, attestation-information, link	✓	
Development plan	Message development framework and hierarchical message description	-	✓
Other criteria	Ontology ^a	✓	-
	Dual model	✓	✓
	Architecture for documentation exchange	-	✓
	Term lists		✓
	Mapping with other standards	✓	-
Exchange language	XML	✓	✓

^a*Ontology is the structural frameworks for information that is transferred by means of systems, therefore, inevitably messaging standards use it.*
 HER – electronic health record.