



## EHR, Registries and Care Management Core Functions

High Level Functions	Functions	Electronic Health Record (EHR)	Registry	Care Management
	<b>Direct Care</b>			
<b>Direct care</b> “enable hands-on delivery of healthcare and offer clinical-decision support”	<b>Care Management</b>	XXX	X	X
	Health information capture, management and review	XXX	X	X
	Care Planning, guidelines and protocols	XXX	X	X
	Medication ordering and management	XXX	X	X
	Orders, referrals and results management	XXX	X	X
	Consents and authorizations	XXX	X	X
	<b>Clinical Decision Support</b>	XXX		
	Health information capture and review	XXX	X	X
	Care planning, guidelines and protocols	XXX	X	X
	Medications and medication management	XXX	X	X
	Orders, referrals, results and care management	XXX	X	X
	Support for Health Maintenance: Preventive Care and Wellness	XXX	X	X
	Support for population health	XXX	X	X
	Support for knowledge access	XXX	X	X
	<b>Operations Management and Communication</b>	XXX		
	Clinical Workflow Tasking	XXX		X
Clinical Communication	XXX	X	X	

**X: Functionality restricted to single or limited set of diseases and/or limited scope of records management. XXX: Provides functional capabilities for multiple diseases.**

1. Electronic Health record (EHR) Definition. <http://www.doqit.org/doqit/jsp/index.jsp?main=../includes/glossary.html> 2. HL7 EHR System Functional Model-Draft Standards for Trial Use. Standard overview. March, 2004. 3. DocSite. Why registries. Registry definition from Jane Metzger, Research Director, First Consulting Group. Available at: <http://www.docsite.com/whyReg.htm>. Accessed on 11/21/2003. 4. Metzger, J. Using computerized registries in Chronic disease care. Prepared for California HealthCare Foundation. Prepared by First Consulting Group. February 2004. Available at: <http://www.chcf.org/documents/chronicdisease/ComputerizedRegistriesInChronicDisease.pdf> 5. Care management definition. Available at: [https://www.oxhp.com/press/glossary\\_of\\_terms.html](https://www.oxhp.com/press/glossary_of_terms.html). 6. HL7 EHR-S Functional Model. Available at: <http://www.hl7.org/library/committees/ehr/HL7%5FEHR%2DS%5FFunctional%5FModel%2Epdf>

High Level Functions	Functions	Electronic Health Record (EHR)	Registry	Care Management
	<b>Supportive</b>			
<b>Supportive</b> “assist with administrative and financial requirements associated with the delivery of healthcare”	<b>Clinical Support</b>	XXX	X	X
	Notifiable Registries	XXX	X	X
	Donor management support	XXX	X	X
	Provider directory	XXX	X	X
	Patient directory	XXX	X	X
	De-Identified data request management	XXX	X	X
	Scheduling	XXX		
	Healthcare resource availability	XXX		
	<b>Measurement, Analysis, Research and Reports</b>	XXX		
	Measurement, monitoring and analysis	XXX	X	X
	Report Generation	XXX	X	X
	<b>Administrative and Financial</b>	XXX		
	Encounter/episode of care management	XXX		
	Information access for supplemental use	XXX		
	Administrative transaction processing	XXX		
	Manage Practitioner/Patient relationships	XXX		
	Subject to subject relationship	XXX		
Acuity and severity	XXX			
Maintenance of supportive functions	XXX			
	<b>Information Infrastructure</b>			
<b>Information Infrastructure</b> “Provide a framework for the proper operation of the Direct-care and Supportive EHR functions”	<b>EHR Security</b>	XXX	X	
	Entity Authentication	XXX	X	
	Entity Authorization	XXX		
	Entity access control	XXX	X	
	Patient access management	XXX		
	Non-repudiation	XXX		
	Secure data exchange	XXX		
	Secure data routing	XXX		
	Document attestation	XXX		
	Enforcement of confidentiality	XXX	X	X

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<b>Information Infrastructure</b> “Provide a framework for the proper operation of the Direct-care and Supportive EHR functions”	<b>EHR Information Management and Record Management</b>	XXX		
	Data retention and availability	XXX	X	
	Audit trail	XXX	X	
	Synchronization	XXX		
	Extraction of health record information	XXX	X	
	<b>Unique Identity, Registry and Directory Services</b>	XXX		
	Distributed registry access	XXX	X	
	<b>Support for Health Informatics and Terminology Standards</b>	XXX		
	Maintenance and versioning of health informatics and terminology standards	XXX		
	Mapping local terminology, codes and formats	XXX		
	<b>Interoperability</b>	XXX		
	Interchange standards	XXX	X	
	Application integration standards	XXX		
	Interchange agreements	XXX		
	<b>Manage Business Rules</b>	XXX		
<b>Workflow</b>	XXX			

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