

Appendix B – Coded List of Identified Data Sources

No.	Data ID	Publication Year	Title	Journal	Relevance (0-5)	Rigor (0-5)	Industry/Setting	Patients	Practitioner	Hospital	National	Vendor	Design	Location	Technology	Punctuated Equilibrium Component (D, E, R)	Theme(s)	
1	2	2004	Development of a Web-Based Incident Reporting System in an Academic environment	Journal of the American Medical Informatics Association	2	3	Academic Medical Center			●	●		Case Study	Ohio	Event-reporting system	D,E	1,6	
2	3	2004	Alamance Regional Medical Center improves patient Safety with CPOE	Journal of Health Information Management	2	2					●		Case Study	North Carolina	CPOE	R	9	
3	4	2004	Physician Use of IT: Results from the Deloitte Research Survey	Journal of Health Information Management	2	2	Office			●			Survey	National	Any	D	1	
4	5	2004	How do integrated Delivery Systems Adopt and Implement Clinical Information Systems	Health Care Management Review	2	3				●	●		Case Study	National	Various	E	6	
5	6	2004	Physicians: The Key to IT Success	Trustee	2	1				●			Opinion			D	1	
6	13	2004	Indianapolis I3: the third generation Integrated Advanced Informaiton System	Journal of the Medical Library Association	2	1	Health System					●	Historical	Indiana	Integrated Information System	D	1	
7	14	2004	Too much too soon?	Modern Healthcare	2	0					●	●	Opinion			D	3	
8	15	2004	Commercial Clinical Data Warehouses: From Wave of the Past to the State of the Art	Journal of Healthcare Information Management	2	3	hospital				●		survey	Texas	Data Warehouse	E	6	
9	16	2004	10-year outline unveiled to roll out health information technology	Quality Letter for Healthcare Leaders	2	0						●	Opinion	National	Various	D	2	
10	17	2004	'Most wired' hospitals widen gap over others	Healthcare Benchmarks & Quality Improvement	2	0	hospital				●		News Story	National	various	D,E	2,3,8	
11	18	2004	the path to EHR	Healthcare Financial Management	2	1	General healthcare				●		Opinion	National	EHR	R	10	
12	19	2004	The CEO and the future of technology. Panel discussion	Hospitals & health networks/AHA	4	0	hospitals	●			●		New Story	National	Various	R	9,10	
13	20	2004	Making IT ends meet. (cover story)	Modern Healthcare	3	0	Hospital					●	News Story	Pennsylvania	Various	E	6	
14	23	2004	Translating ideals for health information technology into practice	Health affairs (Project Hope)	3	1				●		●	Opinion	National	EHR	D,E	3,6	
15	24	2004	Opening the black box: Measuring hospital information technology capability	Health Care Management Review	2	4	Hospital				●		Cross sectional data analysis	National	Various	E	7	
16	25	2004	Using electronic health records to help coordinate care	Milbank Quarterly	4	1	Various			●		●	Opinion	National	EHR	E,R	9	
17	33	2004	Keynote address: medical informatics and emergency medicine	Academic Emergency Medicine	3	1	Emergency Department				●		Opinion	Washington, DC	Various	E	6	
18	35	2004	CIS: Where are we going and what should we demand from industry?	Journal of critical care	4	1				●		●	Opinion	National	VARIOUS	E	6	
19	38	2004	The evolution and implementation of a pediatric computerized order entry system: a case study	Journal of healthcare information management: JHIM	2	2	Large Healthcare System (Partners - Boston)				●		Case Study	Boston	CPOE	E	6	
20	40	2004	Wiring Docs	Hospitals & health networks/AHA	3	1				●	●		Opinion	National	VARIOUS	E	6	
21	45	2004	How to succeed in health information technology	Health Affairs	3	1	Various			●			Opinion	National	CPOE	D,E	2,4	
22	46	2004	Beyond usability: designing effective technology implementation systems to promote patient safety	Quality and Safety in Health Care	5	1					●		Opinion	National	Various	D,E	5,6	
23	49	2004	HIPAA implementation: measuring change and quality improvement	Journal of healthcare information management: JHIM	1	2	Long term care organziation			●	●		Case Study	unavailable	HIPAA Compliance	E	6	
24	50	2004	Transforming nursing practice: clinical systems and the nursing unit of the future	Journal of healthcare information management: JHIM	2	2	Clarge Hospital System - Cleveland Clinic			●	●		Case Study	Ohio	Various	E	-	
25	53	2004	Evolving to clinical terminology	Journal of healthcare information management: JHIM	3	1						●	●	Opinion	National	Standard Terminologies	E	6
26	55	2004	Clinical information systems market-An insider's view	Journal of critical care	2	1					●		Opinion	Natoinal	VARIOUS	E	6	
27	59	2004	Adoption Factors Associated with Patient Safety--Related Information Technology	Journal for Healthcare Quality	3	3	hospital				●		survey	Florida	Various	E,R	10	
28	64	2004	An assessment of the readiness of hospice organizations to accept technological innovation	Journal of Telemedicine and telecare	3	3	Hospice	●	●				Survey	Missouri	Telehealth	R	10	
29	65	2004	Overcoming barriers to adopting and implementing computerized physician order entry systems in US hospitals	Health Affairs	5	5	Hospital			●	●	●	●	Case Study	National	CPOE	D,E,R	1,6,9
30	66	2004	Win the technology marathon. Condition your practice for long-term IT strategy	MGMA connexion/Medical group Management Association	3	1	Medical Practice			●			Opinion	New Jersey	EMR System	E	6	

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31	73	2004	New Technology Continues to Invade Healthcare: What are the Strategic Implications/Outcomes?	Nursing Administration Quarterly	☉ 1	☉ 1	Nursing			●	●		Opinion		Various	E,R	9,10	
32	74	2004	Superiority is complex	Hospitals & health networks/AHA	● 3	☉ 1					●		Opinion			D	1	
33	75	2004	The 100 most wired 2004	Hospitals & health networks/AHA	● 3	● 3	hospital				●		Survey	National	Various	E	8	
34	76	2004	Health care's most wired. A wired exchange	Materials management in health care	☉ 2	● 3	Hospital				●		survey	national	Supply and Operations Management	E	6	
35	77	2004	Electronic health records: How close? How far to go	NHPF Issue Brief	● 5	☉ 1		●	●	●			Opinion	National	EMR	D,E,R	6	
36	82	2004	An adoption study of a clinical reminder system in ambulatory care using a developmental trajectory approach	Medinfo	☉ 3	● 3	hospital	●	●				Survey	Pennsylvania	CDSS	D,E	6	
37	85	2005	Way to go live: a framework for new IT implementation	Healthcare financial management: journal of the Healthcare Financial Management Association	☉ 2	☉ 1			●	●		●	Opinion	National	Various	E	-	
38	86	2005	Factors and forces affecting EHR system adoption: report of a 2004 ACMI discussion	Journal of the American Medical Informatics Association	● 5	☉ 1			●	●			Opinion	National	EHR, CPOE	D	-	
39	87	2005	Adding insight: a qualitative cross-site study of physician order entry	International Journal of Medical Informatics	● 3	● 5	Hospital		●	●			Case Study - Structured analysis	Virginia, Seattle, California	CPOE	D,R	4,10	
40	88	2005	Active error management: use of a Web-based reporting system to support patient safety initiatives	Journal of nursing administration	☉ 2	☉ 2	Hospital				●		Case Study	New Hampshire	Error Reporting	E	6	
41	89	2005	Rapid implementation of an electronic health record in an academic setting	Journal of Healthcare Information Management	☉ 1	☉ 2	medical practice		●				Case Study	Washington, DC	EHR	E	6	
42	90	2005	Quality as a passion	Health Management Technology	● 3	☉ 1		●					Opinion		Various	R	9	
43	91	2005	High and rising health care costs. Part 2: technologic innovation	Annals of internal medicine	● 4	☉ 1	heaqlth System					●		Opinion	National	Various	D	4
44	94	2005	Making a commitment to IT	Trustee	● 3	☉ 1	hospital		●	●			opinion	National	VARIOUS	E	6	
45	99	2005	The evolving role of supply chain management technology in healthcare	Journal of healthcare information management: JHIM	☉ 2	☉ 1	hospital						Opinion	National	Supply Chain Management	E	6	
46	100	2005	Uncle Sam wants your EHR	Hospitals & Health Networks	☉ 2	☉ 1							Opinion	National	EHR	R	9	
47	102	2005	What works.(Almost) immediate gratification. WellStar Physicians Group	Health Management Technology	☉ 1	☉ 2	Medical Group		●				Case Study	Georgia	Claims Payment/Billing	E	8	
48	104	2005	A review and a framework of handheld computer adoption in healthcare	International Journal of Medical Informatics	☉ 2	● 4	Various		●				literature review	National	Mobile health	D	1	
49	105	2005	Returns, not burns: how to ensure successful health IT investments	Healthcare financial management: journal of the Healthcare Financial Management Association	● 3	☉ 1				●			Opinion		Various	E	8	
50	106	2005	Accelerating US EHR adoption: How to get there from here. Recommendations based on the 2004 ACMI retreat	Journal of the American Medical Informatics Association	● 5	☉ 1			●	●	●	●	Opinion	National	EHR	D,R	4,9	
51	108	2005	Factors related to physicians' adoption of electronic prescribing: results from a national survey	American Journal of Medical Quality	● 3	● 3	Outpatient		●				Survey	National	Electronic Prescribing	D,E	1,6	
52	109	2005	The Kaiser Permanente IT transformation	Healthcare financial management: journal of the Healthcare Financial Management Association	● 3	☉ 2	IDS - integrated delivery system				●		Case Study	Western US	Various	E	8	
53	110	2005	Economic evaluation of medical technologies	Israel Medical Association Journal: Imaj	☉ 2	☉ 1			●	●		●	Opinion	National	VARIOUS	E	8	
54	112	2005	Making Sausage--Effective Management of Enterprise-wide Clinical IT Projects	Journal of Healthcare Information Management	● 3	☉ 2	hospital				●		Case Study	Alabama	Various	E	8	
55	115	2005	Factors influencing health information system adoption in American hospitals	Health Care Management Review	● 5	● 4	Hospital			●			Cross sectional Study	National	Various	D	1	
56	116	2005	Five steps to electronic health record success	Healthcare Financial Management	☉ 2	☉ 1	Various				●		Opinion	National	EHR	E	6	
57	117	2009	Paper Versus Electronic Medical Records: The Effects of Access on Physicians' Decisions to Use Complex Information Technologies*	Decision Sciences	● 4	● 3	hospital		●				survey	Unknown	EMR	D,R	5,10	
58	119	2004	2004 TOP HEALTH CARE BUSINESS ISSUES	Trustee	☉ 1	○ 0	hospital				●		News	national	Various	E	-	

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59	120	2004	AHIMA's electronic record standards	AHA News	1	0	national						news	National	EHR	E	-
60	122	2004	Issues in Clinical Transformation	H&HN: Hospitals & Health Networks	3	0	hospital						news	National	Various	D	1
61	123	2004	Digital pens and paper show e-prescribing promise	Drug Store News	1	0	hospital						News	New Jersey	eRx	E	-
62	124	2004	Clinical transformation initiative starts with a total vision	Managed Healthcare Executive	1	0	hospital						News	National	Various	E	-
63	127	2004	E-Health Revives Health-Care IT	Informationweek	1	0	Hospital						news	National	Various	E	6
64	128	2004	FEDS TARGET HEALTH-CARE I.T	Informationweek	1	0	National						News	Naitonal	Various	R	9
65	130	2004	Transform workflow through selective implementation	Nursing Management	1	0	Hospital						News	national	CPOE	E	-
66	134	2005	HIT and MIS: IMPLICATIONS OF HEALTH INFORMATION TECHNOLOGY AND MEDICAL INFORMATION SYSTEMS	Communications of the ACM	4	1	national system						Opinion	national	Various	D,E	2,6
67	135	2005	Transforming Care: Medical Practice Design And Information Technology	Health Affairs	4	1							Opinion	Oregon	Various	D,E	4
68	136	2005	Achieving the Vision of EHR -- Take the Long View	Frontiers of Health Services Management	4	1	national						Opinion	national	Various	R	9
69	137	2005	Achieving U.S. Health Information Technology Adoption: The Need For A Third Hand	Health Affairs	5	1							Opinion	National	Various	D,R	4,9
70	139	2005	Transforming the Health System from the Inside Out	Frontiers of Health Services Management	3	1							Opinion	National	Various	R	-
71	140	2005	The Missing Link: Bridging The Patient- Provider Health Information Gap	Health Affairs	5	1							Opinion	national	PHR	R	9
72	142	2005	Promoting Health Information Technology: Is There A Case For More-Aggressive Government Action?	Health Affairs	4	2	National						Policy analysis	National	Various	E,R	6,9
73	143	2006	Newt Gingrich: healthcare transformation advocate		1	0	National						News	National	Various	D,R	4,9
74	144	2006	Gingrich Speaks To IT Industry	VARBusiness	1	0	National						News	National	Various	R	9
75	147	2006	health care in crisis: is HIT the Rx?	hfm (Healthcare Financial Management)	3	0	national						News	National	Various	R	9
76	151	2007	Getting to the Point. (cover story)	Health Management Technology	2	0	Hospital						Case Study/News	Illinois	Mobile Carts	E	-
77	152	2007	THE INTERACTION OF INSTITUTIONALLY TRIGGERED AND TECHNOLOGY-TRIGGERED SOCIAL STRUCTURE CHANGE: AN INVESTIGATION OF COMPUTERIZED PHYSICIAN ORDER ENTRY	MIS Quarterly	3	2	Hospital						Case Study	Unknown	CPOE	E	6
78	153	2007	The Right Mix	Health Management Technology	1	0	Hospital						Case Study / News	West Virginia	EHR	E	6
79	157	2007	PERSPECTIVE: Moving Closer To A Rapid-Learning Health Care System	Health Affairs	3	1	naitonal						opinion	National	Various	R	9
80	158	2007	ENTERPRISE ARCHITECTURE MATURITY: THE STORY OF THE VETERANS HEALTH ADMINISTRATION	MIS Quarterly Executive	4	2	Hospital VA system						Case Study	National	Various	R	-
81	164	2008	Health Care Sheds Its Tech-Laggard Ways	Informationweek	3	0	hospital						News	National	Various	E	6
82	165	2008	Beginning at the End	Health Management Technology	2	0	Hospital						news	National	Various	E	6
83	167	2009	People, Get Ready	H&HN: Hospitals & Health Networks	1	0	National						News	National	Various	D,R	3,9
84	168	2009	Bon Secours Health System integrates Lean Six Sigma and Knowledge Transfer to drive clinical and operational excellence	Global Business & Organizational Excellence	2	0	hospital						Case Study / news	Maryland	Various	R	10
85	169	2009	Bound for Connectivity	Health Management Technology	2	0	DOH						Case Study / News	New mexico	Various	E	6
86	170	2009	Workflow Automation: Building Compliance into Health Care Systems	Journal of Health Care Compliance	1	0	naitonal						news	National	Various	E	6
87	172	2009	Training Critical Element to HIT Deployment	Modern Healthcare	1	0	Various						news	National	Various	R	10
88	173	2009	Going All-Digital is Easier Said Than Done	Physician Executive	2	0	Hospital						News	Florida	Various	E	6
89	174	2010	The Digital Transformation of Healthcare: Current Status and the Road Ahead	Information Systems Research	5	1	naitonal System						opinion	national	Various	D,R	3,9
90	177	2010	Working on IT	Modern Healthcare	4	0	National System						Opinion	national	Various	E	6
91	178	2010	Beyond Innovation	Informationweek	2	0	Hospital						News	Pennsylvania	Various	E	-
92	182	2011	Tablets, mobile apps transform pharmacy	Drug Store News	3	0	Pharmacy						News	Naitonal	Pharmacy	E	-
93	184	2011	Clinician Adoption of Technology	Physician Executive	2	0	national						news	national	Various	D	3

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94	185	2011	That's nice, but what does IT do? Evaluating the impact of bar coded medication administration by measuring changes in the process of care	International Journal of Industrial Ergonomics	3	3	hospital						Pre-Post experiment	National	Bar Code	E	6
95	187	2011	Today's monolithic EMRs delay hope for the 'learning health system'	Managed Healthcare Executive	5	0	national						news	National	EHR	D	3
96	188	2011	Leading from the Future: Leadership Makes a Difference During Electronic Health Record Implementation	Frontiers of Health Services Management	3	1	Hospital						opinion	national	Various	R	10
97	192	2011	Dynamic Capabilities in Home Health: IT-Enabled Transformation of Post-Acute Care	Journal of the Association for Information Systems	3	2	Home Health Care						Csae Study	Georgia	Various	E	6
98	193	2011	Computing Power Is Transforming Health Care, At Long Last	Forbes.com	1	0	national						news	National	Various	D	1
99	194	2012	Healthcare Sector Is Finally Ripe for Change	Channel Insider	1	0	National						News	National	Various	D	1
100	197	2004	Medical Ghost in the E-Health Machine, A	Health Matrix	4	1	National						Opinion	National	eHealth	D	2
101	198	2006	TECHNOLOGY-ENABLED TRANSFORMATIONS IN US HEALTH CARE	Human-computer interaction and management information systems: applications	3	3	Unknown						Cross Sectional Survey	Naitional	PHR	D	1
102	199	2008	Digital Quality of Life: Health Care	Digital Quality of Life: Understanding the Personal and Social Benefits of the Information Technology Revolution	2	1	Hospital						Opinion	National	Varoius	E	-
103	200	2011	Electronic Medical Records and Physician Productivity: Evidence from Panel Data Analysis		3	4	Outpatient Clinics at Academic Hospital						Observational (Pre-post comparison)	Western US	EMR System	D	1
104	201	2004	Show them the money. Healthcare providers say it will take more than vision to turn the government's health IT plans into reality	Modern Healthcare	4	1	General						Opinion	National	Various	D,E	4,6
105	261	2005	The impact on patient safety of free-text entry of nursing orders into an electronic medical record in an integrated delivery system	American Medical Informatics Association	2	3	hospital						observational	Illinois	Nusing Order Entry	E	6
106	262	2005	Building a results review system: a critical first step in transitioning from paper medical records	American Medical Informatics Association	3	3	hospital						Pre-Post implementation survey	Louisiana	Various	E	6
107	264	2005	An electronic health record-public health (EHR-PH) system prototype for interoperability in 21st century healthcare systems	American Medical Informatics Association	3	2	Public health						Case Study	Unknown	HIE	E	6
108	265	2005	Managing the alert process at NewYork-Presbyterian Hospital	American Medical Informatics Association	2	2	hospital						Case study	New York	CDSS	E	6
109	266	2005	Human and system errors, using adaptive turnaround documents to capture data in a busy practice	American Medical Informatics Association	3	2							Case Study			D	-
110	267	2005	Physician use of electronic medical records: issues and successes with direct data entry and physician productivity	American Medical Informatics Association	3	3	medical system						Observational	Utah	EHR	E	6
111	269	2005	Connecting the providers in your healthcare community: one step at a time	Frontiers of Health Services Management	3	1							opinion	national	varoius	E	6
112	272	2005	'Tablet' makes for good medicine. Case study: tablet-style computers can enhance physician satisfaction, revenue stream	MGMA connexion/Medical group Management Association	1	2	medical group						case study	Kansas	Billing/Coding	E	8
113	273	2005	Research opportunities and challenges in 2005	Methods of information in medicine	3	1							Opinion	National	EHR	D	3
114	277	2005	Leading the Charge	Hospitals & health networks/AHA	3	1	health system						Opinion	DoD	EHR	E	8
115	278	2005	Action through collaboration: a conversation with David Brailer. Interview by Robert Cunningham	Health affairs (Project Hope)	4	1							Interview	National	Various	D,R	1,3,4,9
116	283	2005	Competition and new technology	Health Affairs	5	1							Opinion	national	varoius	D	4
117	286	2005	The patient safety institute demonstration project: a model for implementing a local health information infrastructure	Journal of healthcare information management: JHIM	3	2	hospital group						Case Study	Washington (WA)	HIE	E	6,8

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118	287	2005	Environments for innovation in healthcare information technology	Journal of Healthcare Information Management	3	1							opinion	national	various	D	1
119	288	2005	Information technology: changing nursing processes at the point-of-care	Nursing Administration Quarterly	2	2	telehealth						case study	unknown	telehomecare	E	6
120	291	2005	Emerging benefits of integrated IT systems	Healthcare executive	2	1	hospital						opinion	national	various	E	8
121	292	2005	The transformational power of IT: Experience from patient safety leaders	Healthcare executive	2	2	hospital						Case Study	maine	Various	E	6
122	293	2005	Making the healthcare system safer with innovation and technology	Quality Letter for Healthcare Leaders	3	1	Ambulatory/Outpatient						Opinion	national	VARIOUS	D,E	-
123	294	2005	The adoption gap: health information technology in small physician practices	Health Affairs	3	1	group practice						Opinion	national	EHR	D	-
124	295	2005	Medical groups' adoption of electronic health records and information systems	Health Affairs	3	3	Outpatient						Survey	National	EHR	D	1
125	298	2005	Functional gaps in attaining a national health information network	Health Affairs	4	1							Opinion	national	NHIN	E	6
126	299	2005	Achieving US health information technology adoption: the need for a third hand	Health Affairs	5	1							opinion	national	Various	D	4
127	300	2005	Federal investment in health information technology: how to motivate it?	Health Affairs	5	3							Opinion	national	Various	D	4
128	301	2005	Dot-gov: market failure and the creation of a national health information technology system	Health Affairs	5	3							Opinion	National	VARIOUS	D	2
129	303	2005	Strategic action in health information technology: why the obvious has taken so long	Health Affairs	3	1							Opinion	National	Various	D,E	2,4,6
130	304	2005	State and community-based efforts to foster interoperability	Health Affairs	3	2	Statewide HIE						Case Study	Tennessee	HIE	R	10
131	305	2005	Medicare's next voyage: encouraging physicians to adopt health information technology	Health Affairs	3	1	national healthcare						Opinion	National	EMR	R	9
132	306	2005	Can electronic medical record systems transform health care? Potential health benefits, savings, and costs	Health Affairs	4	2	Healthcare Market						Case Study	National	EMR	E	6
133	307	2005	Practice to evidence to practice: closing the loop with IT	Nursing Management	2	1	Various						Opinion	National	Evidenced Based Nursing	E	6
134	308	2005	Comparing knowledge management in health-care and technical support organizations	Information Technology in Biomedicine, IEEE Transactions on	2	2	Hospital vs. IT Support						Case Study	Unknown	Knowledge Management	D	2
135	309	2005	The 100 most wired 2005: the quality connection	Hospitals & health networks/AHA	2	3	Hospital						Survey	National	Various	E	-
136	312	2005	Toward a procedure for integrating moral issues in health technology assessment	International Journal of Technology Assessment in Health Care	4	1	Various						Opinion	Unknown	Various	E	7
137	313	2005	Information technologies in Florida's rural hospitals: does system affiliation matter?	The Journal of Rural Health	1	3	rural hospitals						survey	Florida	Various	D	1
138	319	2005	Ease on down the road. Start technology implementation with care and foresight	MGMA connexion/Medical group Management Association	2	1	Clinician						Opinion	VARIOUS	EHR	E	6
139	323	2005	Physician reimbursement and technology adoption	Journal of Health Economics	3	1							Quantitative Model	National	Various	D	4
140	324	2006	Information technology strategy: three misconceptions	Journal of Healthcare Information Management	2	1							Opinion	National	Various	R	9
141	325	2006	Antecedents of clinical information technology sophistication in hospitals	Health Care Management Review	5	3	hospital						Survey/National Data	iowa	Various	R	10
142	326	2006	Crossing the quality chasm: the role of information technology departments	American Journal of Medical Quality	2	3	IDS (VA)						Delphi Survey	National	Various	R	10
143	330	2006	A critical change in a day in the life of intensive care nurses: Rising to the e-challenge of an integrated clinical information system	Critical care nursing quarterly	2	2	hospital ICU						Case Study	Pennsylvania	CPOE	E	-
144	331	2006	Innovation in surgery: a historical perspective	Annals of surgery	5	2							Case Study	historical	Endoscopy	D	-
145	333	2006	Expanding the scope of health information systems	IMIA Yearbook of Medical Informatics	2	1							Opinion	National	Various	E	6
146	334	2006	Computerized provider order entry system field research: The impact of contextual factors on study implementation	International Journal of Medical Informatics	3	2	IDS						Case Study	California	CPOE	D	1

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147	338	2006	Types of unintended consequences related to computerized provider order entry	Journal of the American Medical Informatics Association	3	3	hospital						Observational	MA, IN, NC	CPOE	E	6
148	340	2006	EHR and other IT adoption among physicians: results of a large-scale statewide analysis	Journal of Healthcare Information Management	3	3	outpatient						survey	Florida	Various	D	1
149	341	2006	The California Clinical Data Project: a case study in the adoption of clinical data standards for quality improvement	Journal of Healthcare Information Management	3	2	health system						Case Study	California	HIE	E	6
150	342	2006	Concepts for building inter-organizational systems in healthcare: lessons from other industries	Journal of Healthcare Information Management	5	1	HIE						Opinion	National	HIE	D	1
151	343	2006	Health care IT adoption could save USD162 billion	World Hospitals and Health Services	3	1	Health System						Opinion	National	Various	R	9
152	345	2006	When it comes to IT, ED managers lag behind	ED Management	1	0	ED						News Story		ED	E	-
153	346	2006	Evidence-based practice: How nursing administration makes IT happen	Nursing Administration Quarterly	1	1							opinion	National	Various	E	-
154	347	2006	Using diffusion of innovation concepts to enhance implementation of an electronic health record to support evidence-based practice	Nursing Administration Quarterly	3	1	hospital						opinion	National	EHR	D	5
155	348	2006	Barriers to accepting e-prescribing in the USA	International Journal of Health Care Quality Assurance	3	3	eRx						Survey	Pennsylvania	Eprescribing	E	6
156	349	2006	Hospital organization culture, capacity to innovate and success in technology adoption	Journal of health organization and management	5	4	hospital						Factor analysis and survey	National	Various	D,R	5,10
157	350	2006	Managing the ice in the waters ahead: lessons from the Titanic	Healthcare financial management: journal of the Healthcare Financial Management Association	1	1							Opinion	National	Various	D	-
158	352	2006	The role of frontline RNS in the selection of an electronic medical record business partner	Computers Informatics Nursing	2	2	Hospital/IDS						Case Study	Tennessee	Various	E	6
159	353	2006	Use of computerized medical records in home health and hospice agencies: United States, 2000	Vital and health statistics. Series 13, Data from the National Health Survey	2	3	home and hospice care						National US Survey	National	EHR	D	1
160	354	2006	Racial Differences in Attitudes Toward Innovative Medical Technology*	Journal of general internal medicine	5	3	IDS (VA)						Survey	Pennsylvania	Medical Implant Technology	D	1
161	355	2006	Measuring hospital readiness for information technology (IT) innovation: A multisite study of the Organizational Information Technology Innovation Readiness Scale	Journal of Nursing Measurement	3	3	hospital						survey tool development	California	CPOE	E	6
162	358	2006	Evolution of health information management and information technology in emergency medicine	Emergency Medicine Australasia	2	3	ED						Literature Review	Various	Various	E	6
163	359	2006	Health care CIOs: assessing their fit in the organizational hierarchy and their influence on information technology capability	The Health Care Manager	2	3	hospital						survey	Florida	Various	R	10
164	360	2006	Health care spending and use of information technology in OECD countries	Health Affairs	3	1	National						opinion	Natoinal	Various	E	6,8
165	361	2006	Effects of implementing computerized practitioner order entry and nursing documentation on nursing workflow in an emergency department	Journal of Healthcare Information Management	2	3	hospital						Survey/time-motion study/pre post implementation	Missouri	CPOE/Nursing documentation	E	-
166	363	2006	Why innovation in health care is so hard	Harvard Business Review	5	1	National						Opinion	National	Various	D	1
167	364	2006	Building HR capability in health care organizations	Health Care Management Review	4	1							Opinion	National	Various	E	8
168	368	2006	Forming design teams to develop healthcare information systems	Hospital Topics	2	3	hospital						Survey	Unknown	Various	E	-
169	372	2006	A survey of factors affecting clinician acceptance of clinical decision support	BMC Medical Informatics and Decision Making	2	3	IDS						Survey	oregon	CDSS	D	-
170	373	2006	Personal health records: definitions, benefits, and strategies for overcoming barriers to adoption	Journal of the American Medical Informatics Association	3	1	national						opinion	national	personal health records	E	6
171	374	2006	Health information technology and quality improvement for community health centers	Health Affairs	3	1	Community health Centers						Opinion	National	EHR	R	9
172	376	2006	Wired for success	Healthcare financial management: journal of the Healthcare Financial Management Association	3	1	hospital						opinion	varous	various	E,R	10

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173	377	2006	Technology. Finding funding	Hospitals & Health Networks	3	0	Rural hospitals						Opinion	Rural	various	D	4
174	378	2006	Factors influencing success and failure of health informatics systems--a pilot Delphi study	Methods of information in medicine	3	4	Various						Delphi	National	various	E	6
175	382	2006	Health information systems: Failure, success and improvisation	International Journal of Medical Informatics	4	1							Opinion	national	various	D	-
176	383	2006	Essential prerequisites to the safe and effective widespread roll-out of e-working in healthcare	International Journal of Medical Informatics	5	1							opinion	national	various	D,E,R	2,6,7,10
177	385	2006	Assessing the level of healthcare information technology adoption in the United States: a snapshot	BMC Medical Informatics and Decision Making	5	4	various						Qualitative - expert and representative interviews	massachusetts, Colorado	various	D	4
178	386	2006	Technology solutions for better outcomes: integrated information management in key to productivity increases in medicine	British journal of radiology	2	1							Opinion	National	Various	R	9
179	388	2006	Predicting the adoption of electronic health records by physicians: When will health care be paperless?	Journal of the American Medical Informatics Association	5	3	small practices						Obsrevational	National	EHR	D,R	1,5,9
180	389	2005	Is the federal government serious about health IT?	Healthcare Financial Management	4	1							Opinion	national	various	D	3
181	390	2006	Preventing medication errors in hospitals through a systems approach and technological innovation: a prescription for 2010	Hospital Topics	3	1							Opinion	natoinal	CPOE	R	-
182	391	2006	Computerized provider order entry and patient safety	Pediatric Clinics of North America	2	1	hospital						Opinion	Unknown	CPOE	D,E	4,8
183	393	2006	Design and implementation of an application and associated services to support interdisciplinary medication reconciliation efforts at an integrated healthcare delivery network	Journal of the American Medical Informatics Association	2	2	Large metro IDS						Case Study	Massachusetts	Med Reconciliation	E,R	10
184	400	2006	Community hospital successfully implements eRecord and CPOE	Computers Informatics Nursing	3	2	community hospital						Case Study	Pennsylvania	EHR/CPOE	D	5
185	401	2006	The need for organizational change in patient safety initiatives	International Journal of Medical Informatics	4	3	hospital						Case Study	pennsylvania	Error reporting	D	5
186	402	2006	Creating technology-enhanced practice: A university home care-corporate alliance	Nursing Faculty Research and Publications	3	2	home Care						Case Study	Wisconsin	eHealth	E	8
187	406	2006	The Western New York regional electronic health record initiative: healthcare informatics use from the registered nurse perspective	Studies in health technology and informatics	2	2	hospital						Mixed/Case Study	new York	EHR	E	6
188	409	2006	How common are electronic health records in the United States? A summary of the evidence	Health Affairs	4	4	Physicians						systematic review	national	EHR	D	1
189	410	2006	Clinical information technology gaps persist among physicians	Issue brief (Center for Studying Health System Change)	3	3	physicians						Survey	National Survey	Various	D	1
190	413	2006	Effect of the implementation of an enterprise-wide Electronic Health Record on productivity in the Veterans Health Administration	Health Economics, Policy and Law	4	1	IDS (VA)						Opinion	National	EHR	D,R	1,10
191	419	2006	Costs and benefits of health information technology	Unknown	5	4	national Setting						Systematic Review with Expert Opinion	National	Various	E	6
192	421	2006	Valuing hospital investment in information technology: Does governance make a difference?	Health Care Financing Review	1	3	hospital						Observational	national	Various	D	1
193	422	2006	The role of e-health in the changing health care environment	Nursing Economics	2	1							opinion	national	ehealth	D	-
194	425	2006	Impact of barcode medication administration technology on how nurses spend their time on clinical care	AMIA 2006 Annual Symposium Proceedings	1	3	IDS						Observations/time Study	Massachusetts	Bar Code	E	-
195	426	2006	Top barriers and facilitators to nurses' PDA adoption	AMIA 2006 Annual Symposium Proceedings	1	3	hospital						Survey	Maryland	PDA	R	10
196	427	2006	EMR competency: supporting quality, safe and effective care	AMIA 2006 Annual Symposium Proceedings	1	2	IDS						Case Study	Minnesota	EHR	E	6

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197	428	2006	Applying direct observation to model workflow and assess adoption	AMIA 2006 Annual Symposium Proceedings	2	2	IDS			●	●		Case Study	Tennessee	EHR	E	6	
198	429	2006	Using IT To Improve Quality at NewYork-Presbyterian Hospital: A Requirements-Driven Strategic Planning Process	AMIA 2006 Annual Symposium Proceedings	2	2	IDS				●		case study	New york	Various	R	10	
199	430	2006	Informatics implementation in the Veterans Health Administration (VHA) healthcare system to improve quality of care	AMIA 2006 Annual Symposium Proceedings	3	3	IDS (VA)				●		Survey	national	Various	D	1	
200	431	2006	Clinical information system availability and use in urban and rural hospitals	Journal of Medical Systems	3	3	hospital				●		Survey	Iowa	Various	D	1	
201	435	2006	Considerations in change management related to technology	Academic Psychiatry	3	1					●		Opinion		Various	R	10	
202	436	2007	Clinical information systems in nursing homes: an evaluation of initial implementation strategies	Computers Informatics Nursing	2	2	nursing home				●		Case Study	Midwest	Portable technology	E,R	6,10	
203	438	2007	Adoption of order entry with decision support for chronic care by physician organizations	Journal of the American Medical Informatics Association	3	3	physician			●			Survey	national	CPOE, CDSS	R	10	
204	439	2007	The extent and importance of unintended consequences related to computerized provider order entry	Journal of the American Medical Informatics Association	3	3	hospital				●		Survey	National	CPOE	E	8	
205	440	2007	Development and psychometric evaluation of the Impact of Health Information Technology (I-HIT) scale	Journal of the American Medical Informatics Association	3	3				●			Survey/tool Development	national	Various	E	6	
206	441	2007	Enhancing existing products with new technologies	Medical device technology	2	1							Opinion	Unknown	Various	E	-	
207	442	2007	Measuring and monitoring IT using a balanced scorecard approach	Journal of healthcare information management: JHIM	2	2					●		Case Study	Missouri	Various	E	8	
208	444	2007	Incremental approach is best with a new EDIS	ED Management	2	0					●		News Article	Texas	ED	E	6	
209	449	2007	Toward an effective strategy for the diffusion and use of clinical information systems	Journal of the American Medical Informatics Association	4	1				●	●	●	opinion	National	Various	D,E	1,8	
210	450	2007	Health care technology adoption and diffusion in a social context	Policy, Politics, & Nursing Practice	5	1		●				●	opinion/conceptual		Various	E,R	7,9	
211	454	2007	The impact of converting to an electronic health record on organizational culture and quality improvement	International Journal of Medical Informatics	4	3	IDS				●		Survey	Illinois	EHR	D,R	2,9	
212	456	2007	The effect of payer mix on the adoption of information technologies by hospitals	Health Care Management Review	3	3	hospital						Survey	Florida	Various	D	1	
213	457	2007	The Relationship Between Pediatric Volume and Information Technology Adoption in Hospitals	Quality Management in Healthcare	3	3	hospital				●		Survey	Florida	Various	D	1	
214	458	2007	Electronic Medical Records for the Orthopaedic Practice	Clinical orthopaedics and related research	2	1	Practitioner			●			Opinion	Various	EHR	E	-	
215	459	2007	Five constants of information technology adoption in healthcare	Hospital Topics	2	1					●		Opinion		Various	E	6	
216	461	2007	The case for e-prescribing	Hospitals & health networks/AHA	1	1	hospital						Opinion	national	eRx	E	6	
217	462	2007	Stark redo. Hospitals hesitate to help digitize doctors' offices until the relaxed rules are further clarified	Hospitals & health networks/AHA	4	1	hospital			●	●	●	●	Opinion	National	EHR	D	3
218	463	2007	Making the case for a clinical information system: the chief information officer view	Journal of critical care	4	1	National	●	●	●	●		Opinion	National	Various	D	4	
219	465	2007	Health Information Technology: Does It Facilitate Or Hinder Rapid Learning?	Health Affairs	2	1						●	Opinion		Various	E	6	
220	466	2007	Implementation and use of an electronic health record within the Indian Health Service	Journal of the American Medical Informatics Association	3	3	Indian health service			●			IDS	National	EHR	D,E	1,6	
221	468	2007	Measuring IT benefits: let us count the ways	Healthcare financial management: journal of the Healthcare Financial Management Association	1	1	hospital				●		Opinion		Various	E,R	8,10	
222	469	2007	Implementation of an obstetrics EMR module: overcoming user dissatisfaction	Journal of Healthcare Information Management	2	1	OB/GYN			●			Case Study	Michigan	OB EMR	E	6	



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223	470	2007	Showing "what right looks like"--how to improve performance through a paradigm shift around implementation thinking	Journal of Healthcare Information Management	3	2	IDS						Case Study	Delaware	various	R	10
224	471	2007	Quality and efficiency successes leveraging IT and new processes	Journal of Healthcare Information Management, Aivol	1	2	hospital						case study	Various	Various	E	-
225	473	2007	Regional Health Information Organizations: A Vehicle for Transforming Health Care Delivery?	Journal of Medical Systems	5	3	Nealth System						comparative Case Study	MA, IN, CA	HIE	D,R	5,9
226	474	2007	Planning for pharmacy health information technology in critical access hospitals	American journal of health-system pharmacy	2	2	hospital						Case Study	Florida	Pharmacy	E	6
227	476	2007	The value of electronic health records in community health centers: policy implications	Health Affairs	4	3	health centers						comparative case study	natoinal	EHR	E,R	6,8,9
228	477	2007	A systems approach to purchasing and implementing new technology	Nursing Administration Quarterly	1	1							Opinion		Various	E	-
229	481	2007	Clinician use of enabling technology: creating a new healthcare system through the use of enabling technologies requires changes on a profound scale	Journal of healthcare information management: JHIM	3	1							Opinion	Natoinal	Various	R	10
230	482	2007	Enterprise project management is key to success: addressing the people, process and technology dimensions of healthcare	Journal of healthcare information management: JHIM	2	1							Opinion	National	Various	E	-
231	483	2007	EMRs in the Fourth Stage	Journal of Healthcare Information Management	2	2	health system						Case Study	Utah	EHR	E	-
232	484	2007	Determinants of personal health record use: a large population study at Cleveland Clinic	Journal of healthcare information management: JHIM	4	4	hospital						Observational with control	Ohio	PHR	R	9
233	485	2007	Digital transformation in home care. A case study	Journal of healthcare information management: JHIM	2	2	Community Health						Case Study	New Jersey	EHR	E	6
234	486	2007	Redesigning care delivery through health IT implementation. Exploring Trinity Health's IT model	Journal of Healthcare Information Management	3	2	IDS - health system						Case Study	Iowa	Various	R	10
235	487	2007	Economic Externalities of Health Information Technology	Journal of Healthcare Information Management	3	3							Theoretical Model		EHR	D	2
236	493	2007	Optimizing the acceptance of medication-based alerts by physicians during CPOE implementation in a community hospital environment		2	2	Hospital						Case Study	California	CPOE	E	-
237	494	2007	Recommendations for clinical decision support deployment: synthesis of a roundtable of medical directors of information systems		3	2	hospital						Focus Group		CDSS	D	1
238	497	2007	Hospital adoption of information technologies and improved patient safety: a study of 98 hospitals in Florida	Journal of healthcare management/American College of Healthcare Executives	3	3	hospital						Survey	Florida	Various	E	6
239	498	2007	Transformational change in health care systems: an organizational model	Health Care Management Review	5	3	hospital						Comparative Case Study	National	Various	R	10
240	499	2007	Technology acceptance among physicians	Medical Care Research and Review	5	4							Systematic Review		Various	D,E	5,6
241	500	2007	Exploring physician adoption of EMRs: a multi-case analysis	Journal of Medical Systems	3	3	Small practice						Comparative Case Study	Unknown	EHR	D,E	1,6
242	501	2007	Streamlining Workflow Using Existing Technology	Computers Informatics Nursing	2	2	Hospital						Case Study	Unknown	Various	E	-
243	502	2007	Patients meet technology: The newest in patient-centered care initiatives	The Health Care Manager	1	1							Opinion		Patient Technology	D	-
244	504	2007	Technologies of health policy	Health Affairs	3	1							Opinion		Various	R	10
245	507	2007	Don't LOL at virtual visits. Technology is allowing more doctors and patients to consult via e-mail, and insurance companies are reimbursing for it	Modern Healthcare	2	1							Opinion		eVisits	D	3
246	509	2007	Decision support technology in knowledge translation	Academic Emergency Medicine	3	1							Opinion		CDSS and CPOE	E	6
247	512	2007	Designing and evaluating healthcare ICT Innovation: A cognitive engineering view	Studies in health technology and informatics	3	1							Opinion		Various	D	-
248	513	2007	Costs of implementing a computerized prescription system in a public mental health agency	Psychiatric Services	2	2	Phychiatric Clinic						Case Study	Unknown	Eprescribing	E	6

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249	517	2007	Computerized physician order entry with clinical decision support in long-term care facilities: costs and benefits to stakeholders	Journal of the American Geriatrics Society	3	1	LTC						Opinion		CPOE CDS	D,E,R	4,6,10
250	518	2007	The politics of information technology	Nursing Administration Quarterly	2	1	Hospital						Opinion		Various	E	6
251	520	2007	Organizational technologies for transforming care: measures and strategies for pursuit of IOM quality aims	The Journal of ambulatory care management	2	1							Opinion		Various	D,R	2,9
252	521	2007	Adoption of health information technology in community health centers: results of a national survey	Health Affairs	4	3	Health centers						Cross Sectional	National	EHR	D	1
253	522	2007	Health information exchange: 'lex parsimoniae'	Health Affairs	4	1							Opinion	National	Various	D	1
254	524	2007	Unintended consequences of information technologies in health care--an interactive sociotechnical analysis	Journal of the American Medical Informatics Association	4	1	hospital						Opinion/theoretical		Various	D	5
255	527	2007	Telemedicine's Adolescent Angst	Hospitals & Health Networks	2	1							opinion		Telemedicine	D	4
256	529	2007	Ten lessons from the top 100	Hosp Health Netw	1	3							Cross Sectional	National	Various	E	-
257	606	2008	A mandate in Mass. Massachusetts wants CPOE in place by 2012. Will CIOs be willing and able to comply?	Healthcare informatics: the business magazine for information and communication systems	3	0	hospital						news	Massachusetts	CPOE/EHR	D	3
258	611	2008	The future of healthcare IT: what can we expect to see?	Healthcare financial management: journal of the Healthcare Financial Management Association	3	0							news		Various	R	10
259	612	2008	Transforming mental health and substance abuse data systems in the United States	Psychiatric Services	3	1	Phychatric substance abuse						Opinion		EHR	D	3
260	615	2008	The promise of simultaneous transformation of practice and research with the use of clinical information systems	Nursing Outlook	3	1	Nursing						Opinion	National	Various	D	-
261	617	2008	Factors influencing physician use of clinical electronic information technologies after adoption by their medical group practices	Health Care Management Review	3	2	group practice						cross sectional / survey	No specified	eRx	D	1
262	618	2008	Information technology from novice to expert: implementation implications	Journal of nursing management	2	1	Nursing						Opinion		CDSS	E	6
263	619	2008	Adoption of anesthesia information management systems by academic departments in the United States	Anesthesia & Analgesia	2	3	hospital						Cross Sectional / Survey	National	Anesthesia System	E	6,8
264	622	2008	Change readiness assessment for conversion to electronic medical records	Journal of nursing administration	2	2	hospital						case study	tennessee	Various	R	10
265	623	2008	A descriptive analysis of a nursing home clinical information system with decision support	Perspectives in Health Information Management/AHIMA, American Health Information Management Association	2	2	nursing home						case study	Missouri	CDSS	R	10
266	624	2008	Continuous innovation in health care: implications of the Geisinger experience	Health Affairs	4	2	IDS						Case Study	Pennsylvania	Various	E,R	8,9
267	625	2008	Health information technology: Strategic initiatives, real progress	Health Affairs	2	1							Opinion		EHR	R	9
268	627	2008	Merging home and health via contemporary care delivery: Program management insights on a home telehealth project	Computers Informatics Nursing	2	2	VA						Case Study	National	TeleHealth	R	10
269	628	2008	Adoption and perceptions of electronic health record systems by ophthalmologists: an American Academy of Ophthalmology survey	Ophthalmology	3	3	Small practice						Survey/Cross Sectional	National	EHR	E	6
270	631	2008	Clinical microsystems, part 2. Learning from micro practices about providing patients the care they want and need	Joint Commission Journal on Quality and Patient Safety	4	1							Opinion		Various	R	9
271	633	2008	Seeking perfection in health care	Healthcare executive	4	2	Hospital						Case Study	Wasshinton (Seattle)	change Management	E	1

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272	634	2008	HHS shifts IT into high gear. New plan to promote information technology released to mostly good reviews, but concerns remain about its scope and funding	Modern Healthcare	2	0							News Story		Various	R	9
273	635	2008	How technology solutions can impact nursing retention	Nursing economic\$	1	0	Hospital						News/Opinion		Various	E	-
274	636	2008	Great project management= IT success	Physician Executive	1	0							News/Opinion		Various	R	10
275	638	2008	Enhance your technology and enrich your bottom line	MGMA connexion/Medical group Management Association	1	0							News/Opinion		Various	E	6
276	639	2008	Making it to the EHR promised land. How to solve common EHR adoption problems	MGMA connexion/Medical group Management Association	1	0							News/Opinion		EHR	R	10
277	640	2008	The duality of health technology in chronic illness: how designers envision our future	Chronic Illness	3	1							Opinion		Telehealth	E	-
278	643	2008	Market effects on electronic health record adoption by physicians	Health Care Management Review	3	3	Small practice						Cross Sectional	Florida	Various	D	1
279	644	2008	Predicting computerized physician order entry system adoption in US hospitals: Can the federal mandate be met?	International Journal of Medical Informatics	5	3	hospital						Theory Development/Cross Sectional	national	CPOE	R	9
280	649	2008	Perceptions regarding electronic health record implementation among health information management professionals in Alabama: a statewide survey and analysis	Perspectives in Health Information Management/AHIMA, American Health Information Management Association	3	3	hospital						cross sectional/survey	Alabama	EHR	E	6
281	651	2008	Challenges to EHR implementation in electronic-versus paper-based office practices	Journal of general internal medicine	3	3	Ambulatory						comparative case study	New York	EHR	D	1
282	653	2008	Adoption of health information technology for medication safety in US hospitals, 2006	Health Affairs	3	3	Hospital						Cross Sectional	National	Various	D	1
283	655	2008	Crossing the implementation chasm: a proposal for bold action	Journal of the American Medical Informatics Association	4	1							Opinion		Various	D	2,5
284	656	2008	Describing the influence of technologies on registered nurses' work	Clinical Nurse Specialist	3	2	hospital						Focus Group	Unknown	Various	E	6
285	657	2008	The adoption of hospital information systems	Health economics	5	3	Hospital						Cross Sectional	national	Various	D	1
286	660	2008	Health care information technology in rural America: electronic medical record adoption status in meeting the national agenda	The Journal of Rural Health	4	1	Hospital						Opinion	iowa	EHR	D,R	1,9
287	661	2008	The role of organizational factors in the adoption of healthcare information technology in Florida hospitals	Health Care Management Science	3	3	Hospital						Cross Sectional/Survey	Florida	Various	D	1
288	662	2008	The riches of e-prescribing. Insurers will say, do pretty much anything to get physicians to prescribe medications electronically. Ever wonder why?	Modern Healthcare	2	0							News/Opinion		ePrescribing	D	3,4
289	663	2008	Exploring a model-driven architecture (MDA) approach to health care information systems development	International Journal of Medical Informatics	3	1							Opinion/Exploratory		Various	D,E	1,2,6
290	666	2008	Variation in electronic prescribing implementation among twelve ambulatory practices	Journal of general internal medicine	3	3	ambulatory						Comparative Case Study	new Jersey	Eprescribing	E	6
291	667	2008	Uptake of electronic prescribing in community-based practices	Journal of general internal medicine	3	3	Ambulatory						Cross Sectional	Massachusetts	eRx	D	1
292	669	2008	Implementing computerized physician order management at a community hospital	Joint Commission Journal on Quality and Patient Safety	3	2	IDS						Case Study	Ohio	CPOE	E,R	10
293	671	2008	IT at a Crossroads	Hospitals & health networks/AHA	3	0							News/Opinion		Various	E	6
294	672	2008	A national health IT policy proves elusive	Hospitals & Health Networks	3	0							News/Opinion		Various	E,R	6,9
295	675	2008	Identifying organizational capacities and incentives for clinical data-sharing: the case of a regional perinatal information system	Journal of the American Medical Informatics Association	3	2	hospital						Case Study	California	HIE	E	6
296	676	2008	Measuring the benefits of IT-enabled care transformation	Healthcare financial management: journal of the Healthcare Financial Management Association	3	2	Hospital						Case Study	Arizona	Various	R	10

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297	677	2008	Payer-provider connectivity progress elusive but possible	Healthcare financial management: journal of the Healthcare Financial Management Association	4	1	Insurance						Opinion	National	Claims Admin	D,E	2,8
298	678	2008	Electronic health records: which practices have them, and how are clinicians using them?	Journal of Evaluation in Clinical Practice	3	3	ambulatory practice						cross sectional survey	Massachusetts	EHR	D	1
299	679	2008	Hospital quality of care: Does information technology matter? The relationship between information technology adoption and quality of care	Health Care Management Review	4	3	Hospital						Cross Sectional	Florida	Various	D	-
300	681	2008	Early experiences with personal health records	Journal of the American Medical Informatics Association	3	3	Hospital						Comparative Case Study	Massachusetts	PHR	D,E	3,6
301	683	2008	From the ground up: building an all-digital hospital	Physician Executive	2	2	hospital						Case Study	Wisconsin	Various	R	10
302	690	2008	Critical Access Hospital Informatics	Journal of Healthcare Information Management	3	3	Hospital						Comparative Case Study	iowa	Various	R	10
303	694	2008	A qualitative analysis of an electronic health record (EHR) implementation in an academic ambulatory setting	Informatics in Primary Care	3	2	ambulatory practice						Case Study	New York	EHR	E	6
304	696	2008	Minimizing hybrid records. Tips for reducing paper documentation as new systems come online	Journal of AHIMA/American Health Information Management Association	2	0							News	Montana	EHR	R	10
305	700	2010	Using technology to prevent adverse drug events in the intensive care unit	Critical care medicine	2	1	hospital						Opinion	National	Various	D	2
306	701	2010	Baby steps. Lessons learned by leaders of one of the nation's leading children's hospitals on the complexities of IT rollouts in the pediatric setting	Healthcare informatics: the business magazine for information and communication systems	2	0	hospital						News	Massachusetts	Various	D	2
307	703	2010	Service-oriented architecture in public health	Journal of healthcare information management: JHIM	2	2	Public Health						Case Study	New York, Rhode Island	Various	E	6
308	704	2010	Physician buy-in for EMRs	Journal of healthcare information management: JHIM	2	1	Various						Opinion	national	Various	R	10
309	705	2010	Strategy and governance for successful implementation of an enterprise-wide ambulatory EMR	Journal of healthcare information management: JHIM	2	2	Health System						Case Study	new York	EHR	E,R	10
310	706	2010	A Health Center Controlled Network's Experience in Ambulatory Care EHR Implementation	J Healthc Inf Manag	2	2	community health center						case study	New York	EHR	E,R	10
311	707	2010	An implementation case study. Implementation of the Indian Health Service's Resource and Patient Management System Electronic Health Record in the ambulatory care setting at the Phoenix Indian Medical Center	Journal of healthcare information management: JHIM	2	2	Medical Center - Indian Health Service						case study	Arizona	EHR	E,R	10
312	708	2010	Keys to a successful and sustainable telemedicine program	International Journal of Technology Assessment in Health Care	2	3	Telemedicine						cross sectional survey	National	Telehealth	E	8
313	709	2010	Transforming medicine via digital innovation	Science Translational Medicine	3	1	Various						Opinion	national	Wireless	R	-
314	710	2010	Who'll Run Your IT?	Hospitals & Health Networks	4	0	Hospital						Opinion	national	Various	E	6
315	711	2010	What have we learned about interventions to reduce medical errors?	Annual review of public health	2	4	Various						Literature Review	National	Various	E	6
316	712	2010	Clinical Tech Trends 2010. Trend: HITECH	Healthcare informatics: the business magazine for information and communication systems	4	0	Hospital						News/Opinion	National	Various	D	3
317	713	2010	Physicians at the CFO's door: what's your response to requests for new technology?	Healthcare financial management: journal of the Healthcare Financial Management Association	4	0	Hospital						news/Opinion	National	Various	E	8
318	716	2010	Transforming to a computerized system for nursing care: organizational success within Magnet idealism	Computers Informatics Nursing	2	1	Hospital						Case Study	Florida	Various	D	1
319	717	2010	Carrots and sticks for EHR implementation	Healthcare financial management: journal of the Healthcare Financial Management Association	3	0	Mixed						News/Opinion	national	EHR	D,E	3,8

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320	720	2010	Social, organizational, and contextual characteristics of clinical decision support systems for intensive insulin therapy: a literature review and case study	International Journal of Medical Informatics	3	2	Hospital						Case Study	Tennessee	CDSS	E	6
321	721	2010	Toward the development of national telehealth services: the role of Veterans Health Administration and future directions for research	TELEMEDICINE and e-HEALTH	3	1	IDS						Opinion	National	TeleHealth	D	1
322	722	2010	Can you feel IT coming? Though adoption of anesthesiology information systems is still low, their use is rising, and will continue as ARRA approaches	Healthcare informatics: the business magazine for information and communication systems	3	0	Hospital						Opinion/News		anesthesia	D	2
323	723	2010	The technology acceptance model: its past and its future in health care	Journal of biomedical informatics	4	4	Mixed						Literature Review		Various	D	5
324	725	2010	Funding the unfundable: mechanisms for managing uncertainty in decisions on the introduction of new and innovative technologies into healthcare systems	Pharmacoeconomics	2	4	Naitonal						Systematic Review	National	Various	E	6
325	726	2010	Medical librarians supporting information systems project lifecycles toward improved patient safety	J Healthc Inf Manag	3	1	Mixed						Opinion/News	National	Various	E,R	10
326	727	2010	Making music out of noise. The Sentara Healthcare Experience Implementing e-Care	Journal of healthcare information management: JHIM	3	2	hospital						Case Study	Virginia - North Carolina	Various	E,R	10
327	728	2010	So much to do, so little time. To accomplish the mandatory initiatives of ARRA, healthcare organizations will require significant and thoughtful planning, prioritization and execution	Journal of healthcare information management: JHIM	3	1	mixed						new/Opinion	National	Various	D	3
328	729	2009	Assessing HIE stakeholder readiness for consumer access: lessons learned from the NHIN trial implementations	Journal of healthcare information management: JHIM	3	2	hospital						Focus Group	Indiana	PHR	E	6
329	730	2010	Top EHR challenges in light of the stimulus. Enabling effective interdisciplinary, intradisciplinary and cross setting communication	Journal of healthcare information management: JHIM	3	1	Various						Opinion	National	Various	D	3
330	731	2010	The relationship between physician practice characteristics and physician adoption of electronic health records	Health Care Management Review	3	3	outpatient						Cross Sectional Survey	Nebraska and South Dakota	EHR	D	5
331	733	2010	Health information technology: fallacies and sober realities	Journal of the American Medical Informatics Association	5	1	Mixed						opinion	national	Various	D	2
332	734	2009	Keys to engaging clinicians in clinical IT	Healthcare Financial Management	2	0	Hospital						news	NA	EHR	E	6
333	735	2009	The Evolving Use of a Clinical Data Repository: Facilitating Data Access Within an Electronic Medical Record		2	2	Hospital						Case study	new York	EHR	E	6
334	736	2009	Examining the Relationship between Clinical Decision Support and Performance Measurement		3	2	Hospital						Case Study	National	CDSS	R	10
335	737	2009	Health care IT: supporting cost efficiencies in tough times	Benefits quarterly	3	0	Employer Sponsored Health clinic or Plan						News/Opinion	National	Various	D	1
336	738	2009	Factors influencing acceptance of electronic health records in hospitals	Perspectives in Health Information Management/AHIMA, American Health Information Management Association	3	3	Hospital						Cross Sectional Survey	Arkansas	EHR	D	5
337	739	2009	A framework for predicting EHR adoption attitudes: A physician survey	Perspectives in Health Information Management/AHIMA, American Health Information Management Association	4	3	hospital						Cross Sectional Survey	Mississippi	EHR	D	1,5
338	741	2009	The integration payoff: 3 examples	Healthcare financial management: journal of the Healthcare Financial Management Association	4	2	hospital						News/Case Study	National	Various	D,E	1,8

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339	742	2009	Tensions and Paradoxes in Electronic Patient Record Research: A Systematic Literature Review Using the Meta-narrative Method	Milbank Quarterly	● 5	● 5	Various			●	●	●	Systematic Review (meta-narrative method)	NA	EHR	D,E	1,2,6
340	743	2009	Information and communications technology in US health care: why is adoption so slow and is slower better?	Journal of health politics, policy and law	● 5	● 1	National Health					●	Opinion	National	Various	D	2
341	744	2009	Electronic health records and the board's connection	Trustee	● 1	○ 0	Hospital				●		news	Unknown	Various	E	-
342	746	2009	The sociology of change	Journal of Medical Practice Management	● 4	● 1	Various				●		Opinion	National	EMR	D	1
343	748	2009	Practitioner approaches to the integration of clinical decision support system technology in critical care	Journal of nursing administration	● 3	● 2	Hospital				●		Case Study	MidWest	CDSS	E	6
344	751	2009	Evidence of an emerging digital divide among hospitals that care for the poor	Health Affairs	● 3	● 3	Hospital				●		Cross Sectional Survey	National	EHR	D	1
345	753	2009	Information technology implementation in a rural hospital: a cautionary tale	Journal of healthcare management/American College of Healthcare Executives	● 2	● 2	hospital				●		Case Study	Unknown	Various	E	6
346	755	2009	The relationship between local hospital IT capabilities and physician EMR adoption	Journal of Medical Systems	● 3	● 3	hospital - physician		●	●			Cross Sectional Survey	Florida	EMR	D	3
347	759	2009	Stimulus bill implementation: expanding meaningful use of health IT		● 4	● 1						●	Opinion	National	Various	D,R	3,9
348	760	2009	Overcoming barriers to the implementation of a pharmacy bar code scanning system for medication dispensing: a case study	Journal of the American Medical Informatics Association	● 3	● 2	Hospital				●		Case Study	massachusetts	Rx Bar Code	E	6
349	761	2009	The clinical decision support consortium	Stud Health Technol Inform	● 3	● 1	Hospital				●		Opinion	unknown	CDSS	E	6
350	764	2009	Testing some major determinants for hospital innovation success	International Journal of Health Care Quality Assurance	● 3	● 3	Hospital				●		Cross Sectional Survey	National	NA	R	10
351	765	2009	Dilemmas, tetralemmas, reimagining the electronic health record	Advances in Nursing Science	● 3	● 1							Opinion		EHR	E	6
352	766	2009	GE program could boost EMR adoption	Healthcare Benchmarks & Quality Improvement	● 1	○ 0	Hospital				●		news			R	-
353	774	2009	Strategies for ensuring an IT project delivers value	Healthcare financial management: journal of the Healthcare Financial Management Association	● 2	● 1	Hospital				●		Opinion	Unknown	Various	R	10
354	776	2010	Strategic, political, and cultural aspects of IT implementation: improving the efficacy of an IT system in a large hospital	Journal of healthcare management/American College of Healthcare Executives	● 3	● 2	hospital				●		Case Study	Massachusetts	Patient Management	R	10
355	777	2009	Does it compute?	Modern Healthcare	● 1	○ 0					●		news		Various	R	10
356	778	2009	A proclamation for change: transforming the hospital patient care environment	Journal of nursing administration	● 2	● 1			●				Opinion	National	Various	R	10
357	779	2009	Imminent adopters of electronic health records in ambulatory care	Informatics in Primary Care	● 3	● 3	physician						Cross Sectional Survey	Massachusetts	EHR	D	1
358	786	2009	Resistance is futile: but it is slowing the pace of EHR adoption nonetheless	Journal of the American Medical Informatics Association	● 5	● 3	Physicians		●				Model Development / Cross Sectional	national	EHR	D	1,5
359	787	2009	Improving doctor-patient communication: examining innovative modalities vis-a-vis effective patient-centric care management technology	Journal of Medical Systems	● 2	● 1	Physician	●	●				Opinion	Unknown	Various	R	9
360	788	2009	Implementing a Pharmacy System: Facilitators and Barriers	Journal of Medical Systems	● 2	● 2	Hospital				●		Case Study	Georgia	CPOE	E	6
361	792	2009	Implementation of an Electronic Documentation System Using Microsystem and Quality Improvement Concepts	Advances in Neonatal Care	● 3	● 2	Hospital				●		Case Study	Michigan	EMR	E,R	10
362	793	2009	A competitive edge. Whether for profit or not, CIOs are under pressure to make sure every IT dollar yields concrete benefits	Healthcare informatics: the business magazine for information and communication systems	● 2	● 1	Hospital				●		News	National	Various	D,E	1,8

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363	795	2009	Toward a 21st-century health care system: recommendations for health care reform	Annals of internal medicine	3	1							Opinion	National	Various	R	9
364	796	2009	How to successfully select and implement electronic health records (EHR) in small ambulatory practice settings	BMC Medical Informatics and Decision Making	3	1	Small Practice						Opinion	National	EHR	E	1
365	797	2009	Patterns and changes in prescriber attitudes toward PDA prescription-assistive technology	International Journal of Medical Informatics	3	3	Hospital						Pre-post interview	Unknown	PDA eRx	D	5
366	800	2009	Organizational factors associated with the use of information systems in nursing homes	Health Care Management Review	3	3	nursing home						Cross Sectional Survey	National	Various	D	1
367	801	2009	Knowledge management as a mediator for the efficacy of transformational leadership and quality management initiatives in US health care	Health Care Management Review	3	3	Hospital						Cross Sectional Survey	National	Knowledge Mangement	R	10
368	802	2009	Financial incentives, quality improvement programs, and the adoption of clinical information technology	Medical care	3	3	physician						survey/cross sectional	national	Various	R	10
369	803	2009	Managing the complexity of a systemwide electronic medical record design and implementation: lessons for nurse leaders	Nursing Administration Quarterly	4	2	Hospital						Case Study	National	Various	R	10
370	805	2009	Priority setting for technology adoption at a hospital level: Relevant issues from the literature	Health Policy	4	4	Hospital						Literature Review		Various	E	8
371	806	2009	Clinical transformation: under pressure to alter the cost/quality paradigm, hospital organizations are turning to IT	Healthcare informatics: the business magazine for information and communication systems	3	0	hospital						News	national	Various	E	8
372	808	2009	Which physicians have access to electronic prescribing and which ones end up using it?	Health Policy	4	3	Physician						Cross Sectional / Survey	National	eRx	D	1
373	809	2009	Redesigning care processes using an electronic health record: a system's experience	Joint Commission Journal on Quality and Patient Safety	2	2	hospital						Case Study	National	Various	E	6
374	810	2009	Electronic health records: Use, barriers and satisfaction among physicians who care for black and Hispanic patients	Journal of Evaluation in Clinical Practice	4	3	Physician						Cross Sectional Survey	Massachusetts	EHR	D	1
375	811	2009	Physician adoption of personal digital assistants (PDA): testing its determinants within a structural equation model	Journal of health communication	4	3	hospital						Pre-post implementation - Survey	New York	PDA	D	1,5
376	814	2009	Technology will have major impact on shaping future EDs, say the experts	ED Management	1	0	ED						News	Deleware	Various	E	6
377	816	2009	Health information technology--results from a roundtable discussion	Journal of managed care pharmacy: JMCP	3	1	Clinician						Opinion	National	EHR and eRx	D,E	3,6
378	817	2009	Remote patient management: technology-enabled innovation and evolving business models for chronic disease care	Health Affairs	3	1	Various						Opinion	Various	Remote Patient Management	D,E	8
379	818	2009	Perspectives from nurse leaders and chief information officers on health information technology implementation	Hospital Topics	3	2	Hospital						semi-structured interviews	Pennsylvania	Various	R	10
380	819	2009	Building capacity for a transformation initiative: system redesign at Denver Health	Health Care Management Review	5	2	Integrated Delivery System						Case Study	Colorado	Various	R	9
381	820	2009	Community-wide implementation of health information technology: the Massachusetts eHealth Collaborative experience	Journal of the American Medical Informatics Association	4	2	Physician						Case Study	Massachusetts	EHR	E,R	6,9
382	821	2009	Use of Electronic Health Records in U.S. Hopistals	New England Journal of Medicine	3	3	Hospital						Survey Cross Sectional	National	Various	E,R	6,9
383	822	2010	Community-Driven Standards-Based Electronic Laboratory Data-Sharing Networks	Public Health Reports	3	1	Public Health						Opinion	National	HIE	R	9
384	824	2010	Sustained Participatory Design and Implementation of ITHC	Information Technology in Health Care: Socio-Technical Approaches 2010. From Safe Systems to Patient Safety	1	1							Opinion	National	Various	E	-

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385	825	2010	Changing around ICTs innovations is usually complex and on-going but to study it is fundamental to understand what happens when people, organizations, institutions and technology come together.	Studies in health technology and informatics	3	1	Various			●	●		Opinion	National	Various	R	9
386	826	2010	Hospital IT adoption strategies associated with implementation success: Implications for achieving meaningful use	Journal of Healthcare Management	3	1	hospital/system				●		Opinion	national	Various	D,E	3
387	827	2010	Millennial transformation for primary care	Military medicine	5	1	health system	●				●	Opinion	National	Various	D	1
388	830	2010	Technological viewpoints (frames) about electronic prescribing in physician practices	Journal of the American Medical Informatics Association	3	2	Ambulatory		●				Focus Group - Case Study	Not Stated	eRx	D,R	5
389	831	2010	Change management for effective quality improvement: A primer	American Journal of Medical Quality	3	1	Various		●	●			Opinion	National	Various	E	6
390	832	2010	Computerized physician order entry: lessons learned from the trenches	Neonatal Network: The Journal of Neonatal Nursing	3	2	Hospital				●		Case Study	Unknown	CPOE	E,R	10
391	833	2010	Sustainable rural telehealth innovation: a public health case study	Health services research	3	2	public Health system					●	Case Study	Georgia	Telehealth	E,R	8,9
392	834	2010	Even when Physicians Adopt E-prescribing, Use of Advanced Features Lags		2	3	Physician		●				Cross Sectional Survey	National	eRx	D	1,3
393	835	2010	Barriers to cross-institutional health information exchange: a literature review	Journal of healthcare information management: JHIM	4	4	National					●	Literature Review	National	HIE	D,E	4,6
394	837	2010	Electronic medical record systems in critical access hospitals: leadership perspectives on anticipated and realized benefits	Perspectives in Health Information Management/AHIMA, American Health Information Management Association	4	2	Hospital				●		Case Study/Focus Group	Iowa	EHR	E	8
395	838	2010	EHR acceptance factors in ambulatory care: a survey of physician perceptions	Perspectives in Health Information Management/AHIMA, American Health Information Management Association	3	3	Hospital		●				Cross Sectxional Survey	Mississippi	EHR	D	5
396	839	2010	The effects of innovation factors on smartphone adoption among nurses in community hospitals	Perspectives in Health Information Management/AHIMA, American Health Information Management Association	3	3	Hospital		●				Cross Sectional	SouthEast	SmartPhone	R	9
397	841	2010	'Meaningful use'hoists hospital IT to next level	Hospitals & health networks/AHA	1	0	Hospital				●		news	National	Various	D	3
398	845	2010	Transforming nursing workflow, part 1: the chaotic nature of nurse activities	Journal of nursing administration	1	2	Hospital		●				Case Study / Work-time analysis	Kansas	Various	E	-
399	846	2010	Clinical decision support: progress and opportunities	Journal of the American Medical Informatics Association	3	1	national					●	Opinion	National	CDSS	R	9
400	847	2010	The Internet and the physician-patient relationship	Clinical Orthopaedics and Related Research	3	1	Various	●	●				Opinion	National	Internet	D	1
401	848	2010	Reducing disparities in health care quality: the role of health it in underresourced settings	Medical Care Research and Review	2	2	Hospital (Safety Net)				●		Focus Group	national	Various	D	1
402	854	2010	Critical access: the need to connect. Connecting midsize hospitals to rural critical access hospitals is important to the growth of both--but there are things larger hospitals need to know	Healthcare informatics: the business magazine for information and communication systems	3	0	hospitals - Critical Access				●		News/Opinion	National	EHR	D	1
403	856	2010	Transforming nursing workflow, part 2: the impact of technology on nurse activities	Journal of nursing administration	3	3	Hospital		●				Pre-Post Workflow Study	Unknown	Medication documentation	E	9
404	857	2010	A progress report on electronic health records in US hospitals	Health Affairs	5	3	hospital				●		Cross Sectional Survey	National	EHR	D	1
405	859	2010	Project HealthDesign: Rethinking the power and potential of personal health records	Journal of biomedical informatics	3	2	home	●					Case Study	Various	PHR	R	9
406	860	2010	Smart leadership! Finding the right mix of minds to manage the future	Hospitals & health networks/AHA	3	0	Hospital						news	national	Various	D,R	3,10
407	863	2010	Developing and validating a model to predict the success of an IHCS implementation: the Readiness for Implementation Model	Journal of the American Medical Informatics Association	4	4	Various	●		●			Longitudinal Study Validating model	National	IHCS (PHR)	D	5
408	864	2010	For hospitals and meaningful use, context is everything	Hospitals and health networks	3	0	Hospital		●	●		●	News	National	Various	D	1



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409	865	2010	Avoiding the trap in the HITECH Act's incentive timeframe for implementing the EHR	Journal of Health Care Finance	2	0	Hospital						News/opinion	National	EHR	E	6
410	867	2010	The impact of electronic medical record systems on outpatient workflows: A longitudinal evaluation of its workflow effects	International Journal of Medical Informatics	4	4	outpatient clinic						Mixed	Buffalo	EMR	D	1
411	868	2010	A comparison of the adoption of electronic health records in North Carolina and South Carolina HIV systems	Southern Medical Journal	3	3	Health System						Comparative case Study	North Carolina - South Carolina	EHR	R	9
412	872	2010	7 strategies for improving HITECH readiness	Healthcare financial management: journal of the Healthcare Financial Management Association	3	0	Hospital						News/opinion	National	EHR	D,R	3,9
413	874	2010	Health information technology: integration of clinical workflow into meaningful use of electronic health records	Perspectives in Health Information Management/AHIMA, American Health Information Management Association	2	1	Ambulatory						Opinion	National	EHR	D	3
414	876	2010	The regional extension center program: helping physicians meaningfully use health information technology	Annals of internal medicine	4	1	Various						News/Opinion	National	EHR	D,R	3,9
415	877	2010	Kaiser Permanente's Performance Improvement System, Part 1: From Benchmarking to Executing on Strategic Priorities	Joint Commission Journal on Quality and Patient Safety	4	2	IDS - Kaiser						Case Study	National	Various	E	9
416	880	2010	More than just a question of technology: Factors related to hospitals' adoption and implementation of health information exchange	International Journal of Medical Informatics	5	3	hospitals						Cross Sectional Survey	National	HIE	D	5
417	882	2010	What you need to know about meaningful use	Hospitals & health networks/AHA	2	0	Hospital						News	National	EHR	D,R	3
418	883	2010	'No physician left behind' is an IT priority for hospitals	Hospitals & health networks/AHA	2	0	hospital						News	national	EHR	R	9
419	885	2010	The influence of context on quality improvement success in health care: a systematic review of the literature	Milbank Quarterly	3	5	Various						Systematic Review	International	Various	R	10
420	886	2010	EHR adoption among doctors who treat the elderly	Journal of Evaluation in Clinical Practice	3	3	Outpatient						Cross Sectional Survey	Florida	EHR	D	1
421	887	2010	Evaluating the impact of investments in information technology on structural inertia in health organizations	US Army Medical Department journal	5	1	Various						Opinion / model development	National	Various	D	2,5
422	889	2010	Nursing and technology: a love/hate relationship	Nursing economic\$	4	1	Nursing						Opinion	National	Various	E	6
423	890	2010	Uniting the tribes of health system improvement	American Journal of Managed Care	4	1	National Setting						Opinion	national	Various	R	9
424	891	2010	HITECH Lays the Foundation for More Ambitious Outcomes-Based Reimbursement	The American journal of managed care	5	1	National System						opinion	National	Various	D,R	3
425	892	2010	Congressional intent for the HITECH Act	Am J Manag Care	3	1	National						Opinion	National	Various	D,R	3
426	893	2010	Smart health community: the hidden value of health information exchange	Am J Manag Care	5	1	National						Opinion	National	Various	R	9
427	894	2010	Increasing consumerism in healthcare through intelligent information technology	The American journal of managed care	5	1	national						Opinion	National	Various	R	9
428	895	2010	Physician ePortfolio: the missing piece for linking performance with improvement	The American journal of managed care	4	1	Clinician						Opinion	National	Various	E	6
429	896	2010	Achieving meaningful use: a health system perspective	Am J Manag Care	3	2	Health System						Case Study	Massachusetts	EHR	R	10
430	899	2010	Electronic health information in use: Characteristics that support employee workflow and patient care	Health Informatics Journal	2	2	IDS (VA)						Focus Group	Unknown	EHR	E	-
431	901	2011	Clinical decision support in small community practice settings: a case study	Journal of the American Medical Informatics Association	2	2	IPA						Case Study	Oregon	EHR	E	6
432	903	2011	Surviving OR Computerization	AORN	3	2	hospital						case study	West Virginia	EHR / OR	E	6
433	904	2011	Phased implementation of electronic health records through an office of clinical transformation	Journal of the American Medical Informatics Association	2	2	Hospital						Case Study	Virginia	EHR	E	6

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434	905	2011	From promise to reality: achieving the value of an EHR	Healthcare financial management: journal of the Healthcare Financial Management Association	2	0	Hospital						Opinion	National	EHR	R	10
435	908	2011	Being mindful of change: a technique to reduce stress amid change	Journal of AHIMA/American Health Information Management Association	2	1							Opinion	National	Various	E	6
436	911	2011	Staying Afloat in a Sea of Digital Waves	Journal of Nursing Administration	3	1							Opinion	National	Various	D	2
437	913	2011	Innovation in Indian healthcare: using health information technology to achieve health equity for American Indian and Alaska Native populations	Perspectives in Health Information Management/AHIMA, American Health Information Management Association	2	1	Indian Health Service / IDS						Opinion	Naitonal	EHR and telehealth	E	6
438	915	2011	A partnership model for implementing electronic health records in resource-limited primary care settings: experiences from two nurse-managed health centers	Journal of the American Medical Informatics Association	3	3	Health Centers						comparative Case Study	California and Michigan	EHR	E	6
439	916	2011	Not so fast: IOM report warns of danger in rushing IT training, as providers, vendors push for keeping safety reporting voluntary	Modern healthcare	3	4	hospital						Opinion (IOM)	National	Various	D,E	1,6
440	918	2011	Meaningful use of electronic prescribing in 5 exemplar primary care practices	The Annals of Family Medicine	3	3	Primary Care						Comparative Case Study	Unknown	eRx	D,E	3,6
441	919	2011	Seeking the United State of HIEs-Connecting Information Exchange Efforts is ONC's Next Challenge	Journal of the American Health Information Management Association	3	1	National System						Opinion	National	HIE	D,R	3,9
442	920	2011	7 for 11. Health information management and technology stories to watch in 2011	Journal of AHIMA/American Health Information Management Association	2	1	Various						Opinion	National	Various	D,R	3,9
443	922	2011	Meaningful use in radiology	Journal of the American College of Radiology	1	1	Radiology						Opiniopn	National	EHR	D,R	3,9
444	925	2011	A re-conceptualization of access for 21st century healthcare	Journal of General Internal Medicine	5	1	Practitioner						Opinion	national	e-health	R	9
445	926	2011	Emerging Perspectives on Transforming the Healthcare System: Redesign Strategies and a Call for Needed Research	Medical Care	5	1	Various						Opinion	National	Various	D,R	2,9
446	927	2011	The brave, new world of HIEs	Healthcare financial management: journal of the Healthcare Financial Management Association	3	0	Various						Opinion	National	HIE	E	6
447	933	2011	Informatics-Enabled Behavioral Medicine in Oncology	The Cancer Journal	2	1	Practitioner						Opinion	national	EHR / PHR	E	-
448	934	2011	How CEOs drive the clinical transformation and information technology agenda	Frontiers of health services management	2	1	hospital						Opinion	Maine	Various	E,R	10
449	938	2011	Community-Based Health Information Technology Alliances: Potential Predictors of Early Sustainability- Page 2	Am J Manag Care	3	3	HIE/RHIO						Cross Sectional Survey	New York	HIE	D	1
450	939	2011	Introduction of an electronic medical record system into physician practice offices: why is it so#! &-ing hard for everybody?--Part III	The Journal of medical practice management: MPM	2	0	practitioner						Opinion	national	EHR	D,E	2,6
451	942	2011	E-patient Connectivity and the Near Term Future	Journal of General Internal Medicine	4	1	Home Care						Opinion	National	connected health - remote health	R	9
452	946	2011	Computerized physician order entry in the critical care environment: a review of current literature	Journal of Intensive Care Medicine	3	1	Hospital						Opinion	National	CPOE	D	1
453	948	2011	An Early Status Report on the Beacon Communities' Plans for Transformation via Health Information Technology	Health Affairs	3	1	Beacon Communities						Opinion	National	Various	D,R	3,9
454	950	2011	Florida Doctors Seeing Medicaid Patients Show Broad Interest In Federal Incentives For Adopting Electronic Health Records	Health Affairs	3	3	Ambulatory						Cross Sectional Survey	Florida	EHR	D,R	3,9
455	951	2011	Environmental factors and health information technology management strategy	Health Care Management Review	5	3	Hospital						Cross Sectional	Naitonal	Various	D,E	1,7
456	953	2011	Experts in Short Supply	Trustee: the journal for hospital governing boards	3	0	Hospital						Opinion	National	Various	D	1

Appendix B – Coded List of Identified Data Sources

No.	Data ID	Publication Year	Title	Journal	Relevance (0-5)	Rigor (0-5)	Industry/Setting	Patients	Practitioner	Hospital	National	Vendor	Design	Location	Technology	Punctuated Equilibrium Component (D, E, R)	Theme(s)
457	954	2011	Addressing the business of discharge: Building a case for an electronic discharge summary	Journal of Hospital Medicine	3	2	Hospital						Case Study	California (UCSF)	EMR	E	6
458	955	2011	Factors affecting home care patients' acceptance of a web-based interactive self-management technology	Journal of the American Medical Informatics Association	3	5	Hospital	●					RCT	Unknown	CHIT (Consumer health information technologies)	D,R	5,9
459	958	2011	A conceptual framework for achieving balance between innovation and resilience in optimizing emergency department operations	The Health Care Manager	3	3	Hospital			●			Literture Review	National	Various	D	2
460	960	2011	Consumer attitudes toward personal health records in a beacon community	The American journal of managed care	3	3	Community	●					Cross Sectional Survey	New york	PHR	D	1
461	962	2011	Mobile Technology: Implementing a Web-Based Home Monitoring System within an Academic Health Care Network: Barriers and Facilitators to Innovation Diffusion	Journal of diabetes science and technology	4	2	Health System (Partners)			●			Case Study	Massachusetts	TeleHealth	D	5
462	964	2011	Ramping up: Healthcare IT leaders begin the serious work of preparing for the transition to ICD-10	Healthcare informatics: the business magazine for information and communication systems	1	0	Hospital			●			Opinion	National	ICD-10	D	3
463	965	2011	Use of Health Information to Improve Care	NC Med J	2	2	Beacon community				●		Case Study	north carolina	Various	D	3
464	972	2011	Testing the Technology Acceptance Model: HIV case managers' intention to use a continuity of care record with context-specific links	Informatics for Health and Social Care	3	3	Health System		●				Cross Sectional / Survey	New York	EHR/CCD	D	5
465	978	2011	Adoption of anesthesia information management systems by US anesthesiologists	Journal of clinical monitoring and computing	3	3	Practitioner		●				Cross Sectional Survey	national	EHR / AIMS	D	3
466	979	2011	Explaining physicians' use of EMR systems and performance in the shakedown phase	Journal of the American Medical Informatics Association	5	3	Various	●	●				Cross Sectional Survey	Unknown	EHR	D	1,5
467	980	2011	Biomedical informatics: changing what physicians need to know and how they learn	Academic Medicine	2	1	Education - Practitioner		●				Opinion	national	Various	R	9
468	981	2011	Disrupting Incrementalism in Health Care Innovation	Annals of surgery	5	1	national	●	●	●	●	●	opinion	National	Various	D	2
469	989	2008	Personal health record use by patients as perceived by ambulatory care physicians in Nebraska and South Dakota: a cross sectional study	Perspectives in Health Information Management	3	3	Ambulatory		●				Cross Sectional Survey	Nebraska - South Dakota	PHR	D	-
470	990	2010	Stratifying Computer Literacy: A Competency Measurement Strategy	Computers, Informatics, Nursing	3	1	Nursing		●				Opinion	National	EHR	D	1
471	993	2009	A critical review of the research literature on Six Sigma, Lean and StuderGroup's Hardwiring Excellence in the United States: the need to demonstrate and communicate the effectiveness of transformation strategies in healthcare	Implementation Science	5	4	National System				●		Systematic Review	Naitonal	Various	E	8
472	998	2009	Paper Versus Electronic Medical Records: The Effects of Access on Physicians' Decisions to Use Complex Information Technologies	Decision Sciences	4	3	Hospital		●				Cross Sectional Survey	Southesat	EHR	R	9
473	999	2005	The Costs of a National Health Information Network	The Annals of Internal Medicine	4	1	National System				●		Expert Opinion	National	HIE/NHIN	R	9
474	1001	2008	Health Information Technology: A Few Years of Magical Thinking?	Health Affairs	5	1	Naitonal				●		Opinion	National	Various	D,R	3,4,9
475	1002	2004	CHT Initiative Pushes for Stronger Systems	Health Management Technology	1	0	National				●		News	National	Various	R	-
476	1003	2005	pay for performance: a win for the NHIN?	Healthcare Financial Management	4	1	Various				●		opinion	national	NHIN	D,R	4,9
477	1004	2006	The Best Medical Care In The U.S.: How Veterans Affairs transformed itself--and what it means for the rest of us	Health Hospitals	4	0	hospital - VA			●	●		News	national	Various	R	10