

Appendix 1: CPOE search

CPOE, order entry, medical order entry systems, decision support systems, clinical pharmacy information systems

Ambulatory care, ambulatory care facilities

Patient safety, medication errors, drug interactions, clinical alarms, electronic prescribing

PubMed, 80 results

**Search**

("Drug Therapy, Computer-Assisted"[mesh] OR "electronic prescribing"[mesh] OR "Patient safety"[mesh] OR "medication errors"[mesh] OR "drug interactions"[mesh] OR "clinical alarms"[mesh])

AND ("Medical Order Entry Systems"[Mesh] OR CPOE OR "order entry" OR EMR OR EHR OR "Decision support systems, clinical"[mesh] OR "Clinical Pharmacy Information Systems"[mesh])

AND ( "Ambulatory Care"[Mesh] OR "Ambulatory Care Facilities"[Mesh] )

Filters: English

Scopus, 378 results

( TITLE-ABS-KEY ( ( "electronic prescribing" OR "medication errors" OR "drug interactions" OR "clinical alarms" ) AND ( "Medical Order Entry Systems" OR cpoe OR "order entry" OR "Decision support systems" ) ) ) AND ( "ambulatory care" ) AND ( LIMIT-TO ( LANGUAGE , "English" ) )

Embase, 120 results

Searches	Results	Type
1	exp ambulatory care/	42635
2	ambulatory care facilities.mp. or exp outpatient department/	52870
3	1 or 2	93928
4	Medical Order Entry Systems.mp. or exp physician order entry system/	244
5	Clinical Pharmacy Information Systems.mp.	20

6	exp decision support system/	19682
7	exp computerized provider order entry/	3755
8	4 or 5 or 6 or 7	23015
9	exp medication error/	16003
10	exp alarm monitor/	810
11	exp patient safety/	84660
12	exp computer assisted drug therapy/	889
13	exp electronic prescribing/	2284
14	9 or 10 or 11 or 12 or 13	101092
15	3 and 8 and 14	122
16	limit 15 to english language	120

Web of Science, 82 results

**TOPIC:** (( "electronic prescribing" OR "medication errors" OR "drug interactions" OR "clinical alarms" ) AND ( "Medical Order Entry Systems" OR cpoe OR "order entry" OR "Decision support systems" ) AND ( "ambulatory care" ))

**Refined by: LANGUAGES:** ( ENGLISH )

*Indexes=SCI-EXPANDED, SSCI, A&HCI, ESCI Timespan>All years*

CINAHL, 75 results

Search		Actions
Terms	Search Options	
S14	S1 AND S12 AND S13	<b>Search modes - Boolean/Phrase</b> <a href="#">View Results (75)</a> <a href="#">View Details</a> <a href="#">Edit</a>
S13	S4 OR S5 OR S6 OR S8	<b>Search modes - Boolean/Phrase</b> <a href="#">View Results (129,819)</a> <a href="#">View Details</a>

			<a href="#">Edit</a>
S12	S2 OR S3	<b>Search modes -</b> Boolean/Phrase	<a href="#">View Results</a> (7,093) <a href="#">View Details</a> <a href="#">Edit</a>
S11	S1 AND S9 AND S10	<b>Search modes -</b> Boolean/Phrase	<a href="#">View Results</a> (442) <a href="#">View Details</a> <a href="#">Edit</a>
S10	S4 OR S5 OR S6 OR S7	<b>Search modes -</b> Boolean/Phrase	<a href="#">View Results</a> (113,560) <a href="#">View Details</a> <a href="#">Edit</a>
S9	S2 OR S3 OR S8	<b>Search modes -</b> Boolean/Phrase	<a href="#">View Results</a> (41,322) <a href="#">View Details</a> <a href="#">Edit</a>
S8	(MH "Clinical Information Systems+")	<b>Search modes -</b> Boolean/Phrase	<a href="#">View Results</a> (36,902) <a href="#">View Details</a> <a href="#">Edit</a>
S7	(MH "Electronic Health Records")	<b>Search modes -</b> Boolean/Phrase	<a href="#">View Results</a> (19,324) <a href="#">View Details</a> <a href="#">Edit</a>
S6	(MH "Drug Therapy, Computer Assisted")	<b>Search modes -</b> Boolean/Phrase	<a href="#">View Results</a> (429) <a href="#">View Details</a> <a href="#">Edit</a>
S5	(MH "Patient Safety+")	<b>Search modes -</b> Boolean/Phrase	<a href="#">View Results</a> (95,508) <a href="#">View Details</a> <a href="#">Edit</a>

S4	(MH "Medication Errors+")	<b>Search modes -</b> Boolean/Phrase	<a href="#">View Results</a> (13,742) <a href="#">View Details</a> <a href="#">Edit</a>
S3	(MH "Clinical Pharmacy Information Systems") OR (MH "Decision Support Systems, Clinical")	<b>Search modes -</b> Boolean/Phrase	<a href="#">View Results</a> (4,842) <a href="#">View Details</a> <a href="#">Edit</a>
S2	(MH "Electronic Order Entry") OR "Medical Order Entry Systems"	<b>Search modes -</b> Boolean/Phrase	<a href="#">View Results</a> (2,795) <a href="#">View Details</a> <a href="#">Edit</a>
S1	(MH "Ambulatory Care Facilities+") OR (MH "Ambulatory Care")	<b>Search modes -</b> Boolean/Phrase	<a href="#">View Results</a> (22,907)