Supplementary Material

L I T E R A T U R E   S E A R C H

07/06/2021

Search results reporting

DATABASES SEARCHED

Database	Date searched	Records	Duplicates removed by database	Remaining
MEDLINE	07/06/2021	862	0	862
Embase	07/06/2021	675	0	675
CINAHL	07/06/2021	320	0	320
International Pharmaceutical Abstracts (IPA)	07/06/2021	429	0	429

RESULTS TOTALS

Records source	Records
Records identified through database searching	2286
Duplicates removed by database	0
Duplicates removed by bibliographic management software	165
Total records after duplicates removed	2121

Search strategies

MEDLINE

Ovid MEDLINE(R) ALL <1946 to July 02, 2021>

#	Searches	Results
1	Anti-Infective Agents/ or Anti-Infective Agents, Urinary/ or Anti-Bacterial Agents/ or Antibiotic Prophylaxis/ or Antifungal Agents/ or Antiviral Agents/ or Antimicrobial Stewardship/ or (anti-infective* or antiinfective* or anti-biotic* or antibiotic* or anti-microb* or antimicrob* or antibacterial* or anti-bacterial*).ti,kf,kw.	625207
2	Drug Prescriptions/ or Prescriptions/ or Electronic Prescribing/ or Prescription Drugs/ or Drug Therapy/st or drug therapy, combination/st or Drug Utilization/st or *Prescription Drug Misuse/ or *Prescription Drug Overuse/ or Deprescriptions/ or Inappropriate Prescribing/ or Cross Infection/dt or Bacterial Infections/dt or Polypharmacy/ or	192538

Supplemental material

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	(prescription* or prescrib* or e-prescrib* or e-prescription* or deprescrib* or de-prescrib* or overprescrib* or medication* or (drug* adj2 (therapy or therapies or treatment*))).ti,kf,kw.	
3	(*Drug Labeling/ or Drug Labeling/mt, st or *Practice Patterns, Physicians'/ or Practice Patterns, Physicians'/st, sn or *Practice Guidelines as Topic/ or Practice Guidelines as Topic/st or Medical Errors/pc or Inappropriate Prescribing/pc, sn or Medication Errors/pc or *"Off-Label Use"/ or Medical Order Entry Systems/ or Clinical Pharmacy Information Systems/ or Natural Language Processing/ or Drug Information Services/ or Pharmaceutical Services/ or *Pharmacies/st or Pharmacy Service, Hospital/st or Pharmaceutical Preparations/ad, st or Medication Systems, Hospital/st or Decision Support Systems, Clinical/ or Quality Control/ or Quality Improvement/ or *Guideline Adherence/ or Guideline Adherence/st, sn or Terminology as Topic/ or Vocabulary, Controlled/ or Medication Reconciliation/ or Patient Education as Topic/ or Patient Safety/ or Patient-Centered Care/ or Self Administration/st or Decision Making/ or Disclosure/ or Communication/ or Documentation/ or Records/st or Writing/ or Handwriting/ or Contraindications, Drug/ or Contraindications/ or Malpractice/) and (indication-based or indication-specific or indicate* or indicating or indication* or "prescription-indication*" or "indication code*" or rationale or rationalization or non-indicat* or non-indication* or "not indicated" or "without indicating" or "missing indication" or "reason for use" or "reason for indication" or "reason for prescribing" or "purpose for use" or "accountable justification" or "indication* for use" or "indication* of use" or "instruction* for use" or "indication* for treatment*" or "documentation of indication*" or "indication documentation*" or "order writing" or "writing process*" or legible or legibility or illegibility or illegible or "notation* of purpose" or "take as directed" or "take as needed" or "use as needed" or "use as directed" or ((guideline* or standard* or "best practice*") adj2 (prescrib* or e-prescrib* or prescription* or e-prescription* or deprescrib* or de-prescrib* or "prescription-indication*"))).ti,ab,kf,kw.	54295
4	1 and 2 and 3	713
5	(((indication-based or indication-specific or indicate* or indicating or indication* or rationale or rationalization* or non-indicat* or non-indication* or "not indicated" or "without indicating" or "missing indication") adj2 (prescription* or prescrib* or e-prescrib* or e-prescription* or deprescrib* or de-prescrib* or overprescrib* or medication* or drug* or therapy or therapies or treatment* or "use" or usage or administration or administer* or instruction* or direction* or order or orders or course* or duration* or dose or doses or dosing or dosage or regimen* or timing or schedule* or frequency or documentation or documented or reason* or purpose* or label* or off-label or provider-selected or physician* or appropriate* or inappropriate* or correct* or incorrect* or missing or without)) or "prescription-indication*" or "indication code*" or "indication* for use" or "indication* of use" or "instruction* for use" or "indication* for treatment*" or "documentation of indication*" or "indication documentation*" or	4523

	"reason for use" or "reason for indication" or "reason for prescribing" or "purpose for use" or "accountable justification" or "notation* of purpose" or "take as directed" or "take as needed" or "use as needed" or "use as directed" or "order writing" or "writing process*").ti,kf,kw. or ("prescription-indication*" or "indication code*" or "indication* for use" or "indication* of use" or "instruction* for use" or "indication* for treatment*" or "documentation of indication*" or "indication documentation*" or "reason for use" or "reason for indication" or "reason for prescribing" or "purpose for use" or "accountable justification" or "notation* of purpose" or "take as directed" or "take as needed" or "use as needed" or "use as directed" or "order writing" or "writing process*").ab. /freq=2	
6	(1 or 2) and 5	535
7	4 or 6	1230
8	7 not (exp central nervous system agents/ or exp psychotropic drugs/ or exp antidepressive agents/ or exp peripheral nervous system agents/ or exp analgesics/ or exp narcotics/ or exp Analgesics, Opioid/ or exp hematologic agents/ or anticoagulants/ or ((narcotic* or opioid* or fentanyl or analgesic* or naloxone or anti-depress* or anti-depress* or antipsychotic* or anti-psychotic* or psychiatric or psychoses or psychotropic or anticoagulant* or antiplatelet* or stroke*) adj2 (drug* or prescription* or prescrib* or e-prescrib* or e-prescription* or deprescrib* or de-prescrib* or overprescrib* or medication* or treatment* or therapy or therapies)).ti,kf,kw.)	1110
9	8 not (exp Animals/ not Humans/)	1099
10	9 not (comment or editorial or letter or news).pt.	1056
11	limit 10 to yr="1990 -Current"	983
12	limit 11 to english	862

EMBASE

Ovid Embase <1974 to 2021 Week 26>

#	Searches	Results
1	antiinfective agent/ or urinary tract antiinfective agent/ or antibiotic agent/ or antibiotic prophylaxis/ or antifungal agent/ or antivirus agent/ or antimicrobial stewardship/ or (anti-infective* or antiinfective* or anti-biotic* or antibiotic* or anti-microb* or antimicrob* or antibacterial* or anti-bacterial*).ti,kw.	783081
2	prescription/ or electronic prescribing/ or prescription drug/ or *drug therapy/ or *combination drug therapy/ or *drug utilization/ or *prescription drug misuse/ or *medication overuse/ or deprescription/ or inappropriate prescribing/ or cross infection/dt or bacterial infection/dt or polypharmacy/ or (prescription* or prescrib* or e-prescrib* or e-prescription* or deprescrib* or de-prescrib* or overprescrib* or medication* or (drug* adj2 (therapy or therapies or treatment*))).ti,kw.	612944
3	(drug labeling/ or *clinical practice/ or *practice guideline/ or medical error/pc or inappropriate prescribing/pc or medication error/pc or *"off label drug use"/ or physician	163144

order entry system/ or medical information system/ or natural language processing/ or drug information/ or "pharmacy (shop)"/ or hospital pharmacy/ or hospital organization/ or clinical decision support system/ or quality control/ or total quality management/ or *protocol compliance/ or nomenclature/ or controlled vocabulary/ or medication therapy management/ or patient education/ or patient safety/ or patient care/ or drug self administration/ or decision making/ or interpersonal communication/ or medical documentation/ or documentation/ or information processing/ or writing system/ or writing/ or handwriting/ or drug contraindication/ or contraindication/ or malpractice/) and (indication-based or indication-specific or indicate* or indicating or indication* or "prescription-indication*" or "indication code*" or rationale or rationalization or non-indicat* or non-indication* or "not indicated" or "without indicating" or "missing indication" or "reason for use" or "reason for indication" or "reason for prescribing" or "purpose for use" or "accountable justification" or "indication* for use" or "indication* of use" or "instruction* for use" or "indication* for treatment*" or "documentation of indication*" or "indication documentation*" or "order writing" or "writing process*" or legible or legibility or illegibility or illegible or "notation* of purpose" or "take as directed" or "take as needed" or "use as needed" or "use as directed" or ((guideline* or standard* or "best practice*") adj2 (prescrib* or e-prescrib* or prescription* or e-prescription* or deprescrib* or de-prescrib* or "prescription-indication*"))).ti,ab,kw.

4	1 and 2 and 3	1392
5	(((indication-based or indication-specific or indicate* or indicating or indication* or rationale or rationalization* or non-indicat* or non-indication* or "not indicated" or "without indicating" or "missing indication") adj2 (prescription* or prescrib* or e-prescrib* or e-prescription* or deprescrib* or de-prescrib* or overprescrib* or medication* or drug* or therapy or therapies or treatment* or "use" or usage or administration or administer* or instruction* or direction* or order or orders or course* or duration* or dose or doses or dosing or dosage or regimen* or timing or schedule* or frequency or documentation or documented or reason* or purpose* or label* or off-label or provider-selected or physician* or appropriate* or inappropriate* or correct* or incorrect* or missing or without)) or "prescription-indication*" or "indication code*" or "indication* for use" or "indication* of use" or "instruction* for use" or "indication* for treatment*" or "documentation of indication*" or "indication documentation*" or "reason for use" or "reason for indication" or "reason for prescribing" or "purpose for use" or "accountable justification" or "notation* of purpose" or "take as directed" or "take as needed" or "use as needed" or "use as directed" or "order writing" or "writing process*").ti,kw. or ("prescription-indication*" or "indication code*" or "indication* for use" or "indication* of use" or "instruction* for use" or "indication* for treatment*" or "documentation of indication*" or "indication documentation*" or "reason for use" or "reason for indication" or "reason for prescribing" or "purpose for use" or "accountable justification" or "notation* of purpose" or "take as directed" or "take as needed" or "use	5623

	as needed" or "use as directed" or "order writing" or "writing process*").ab. /freq=2	
6	(1 or 2) and 5	945
7	4 or 6	2309
8	7 not (exp central nervous system agents/ or exp psychotropic agent/ or exp antidepressant agent/ or exp "agents acting on the peripheral nervous and neuromuscular systems"/ or exp analgesic agent/ or exp narcotic agent/ or exp narcotic analgesic agent/ or exp hematologic agent/ or anticoagulant agent/ or ((narcotic* or opioid* or fentanyl or analgesic* or naloxone or anti-depress* or anti-depress* or antipsychotic* or anti-psychotic* or psychiatric or psychoses or psychotropic or anticoagulant* or antiplatelet* or stroke*) adj2 (drug* or prescription* or prescrib* or e-prescrib* or e-prescription* or deprescrib* or de-prescrib* or overprescrib* or medication* or treatment* or therapy or therapies)).ti,kw.)	1669
9	8 not ((exp animal/ or animal experiment/ or nonhuman/) not exp human/)	1651
10	9 not (editorial or letter or note).pt.	1584
11	limit 10 to yr="1990 -Current"	1485
12	limit 11 to english language	1296
13	12 not (1* or 2* or 3* or 4* or 5* or 6* or 7* or 8* or 9*).pm.	675

CINAHL

EBSCOhost CINAHL Complete

#	Query	Limiters/Expanders	Results
S1	((MH "Antiinfective Agents+") OR (MH "Antibiotic Prophylaxis") OR (MH "Antimicrobial Stewardship")) OR (TI ((anti-infective* OR antiinfective* OR anti-biotic* OR antibiotic* OR anti-microb* OR antimicrob* OR antibacterial* OR anti-bacterial*)) OR SU ((anti-infective* OR antiinfective* OR anti-biotic* OR antibiotic* OR anti-microb* OR antimicrob* OR antibacterial* OR anti-bacterial*)) OR MW ((anti-infective* OR antiinfective* OR anti-biotic* OR antibiotic* OR anti-microb* OR antimicrob* OR antibacterial* OR anti-bacterial*)))	Search modes - Boolean/Phrase	181,156
S2	((MH "Prescriptions, Drug") OR (MH "Drugs, Prescription") OR (MH "Drug Therapy/ST") OR (MH "Drug Therapy, Combination/ST") OR (MH "Drug Therapy, Computer Assisted/ST") OR (MH "Drug Utilization/ST") OR (MH "Deprescribing") OR (MH "Inappropriate Prescribing") OR (MH "Cross Infection/DT") OR (MH "Bacterial Infections/DT") OR (MH "Polypharmacy")) OR (TI ((prescription* OR prescrib* OR e-prescrib* OR e-prescription* OR deprescrib* OR de-prescrib* OR overprescrib* OR medication* OR (drug* N2 (therapy OR therapies OR treatment*)))) OR SU ((prescription* OR prescrib* OR e-prescrib* OR e-prescription* OR deprescrib* OR de-prescrib* OR overprescrib* OR medication* OR (drug* N2 (therapy OR therapies OR treatment*)))) OR MW ((prescription* OR	Search modes - Boolean/Phrase	650,001

	prescrib* OR e-prescrib* OR e-prescription* OR deprescrib* OR de-prescrib* OR overprescrib* OR medication* OR (drug* N2 (therapy OR therapies OR treatment*)))))		
S3	((MH "Drug Labeling/MT/ST") OR (MM "Practice Patterns") OR (MH "Inappropriate Prescribing/PC") OR (MH "Medication Errors/PC") OR (MH "Treatment Errors/PC") OR (MH "Electronic Order Entry") OR (MH "Clinical Pharmacy Information Systems") OR (MH "Natural Language Processing") OR (MH "Drug Information Services") OR (MH "Pharmacy, Retail/ST") OR (MH "Pharmacy Service/ST") OR (MH "Medication Management/ST") OR (MH "Decision Support Systems, Clinical") OR (MH "Quality Improvement") OR (MM "Guideline Adherence") OR (MH "Vocabulary, Controlled") OR (MH "Medication Reconciliation") OR (MH "Patient Safety") OR (MH "Patient Centered Care") OR (MH "Self Administration/ST") OR (MH "Decision Making") OR (MH "Decision Making, Clinical") OR (MH "Communication") OR (MH "Documentation") OR (MH "Handwriting") OR (MH "Malpractice")) AND (TI ((indication-based OR indication-specific OR indicate* OR indicating OR indication* OR "prescription-indication*" OR "indication code*" OR rationale OR rationalization OR non-indicat* OR non-indication* OR "not indicated" OR "without indicating" OR "missing indication" OR "reason for use" OR "reason for indication" OR "reason for prescribing" OR "purpose for use" OR "accountable justification" OR "indication* for use" OR "indication* of use" OR "instruction* for use" OR "indication* for treatment*" OR "documentation of indication*" OR "indication documentation*" OR "order writing" OR "writing process*" OR legible OR legibility OR illegibility OR illegible OR "notation* of purpose" OR "take as directed" OR "take as needed" OR "use as needed" OR "use as directed" OR ((guideline* OR standard* OR "best practice*") N2 (prescrib* OR e-prescrib* OR prescription* OR e-prescription* OR deprescrib* OR de-prescrib* OR "prescription-indication*")))) OR AB ((indication-based OR indication-specific OR indicate* OR indicating OR indication* OR "prescription-indication*" OR "indication code*" OR rationale OR rationalization OR non-indicat* OR non-indication* OR "not indicated" OR "without indicating" OR "missing indication" OR "reason for use" OR "reason for indication" OR "reason for prescribing" OR "purpose for use" OR "accountable justification" OR "indication* for use" OR "indication* of use" OR "instruction* for use" OR "indication* for treatment*" OR "documentation of indication*" OR "indication documentation*" OR "order writing" OR "writing process*" OR legible OR legibility OR illegibility OR illegible OR "notation* of purpose" OR "take as directed" OR "take as needed" OR "use as needed" OR "use as directed" OR ((guideline* OR standard* OR "best practice*") N2 (prescrib* OR e-prescrib* OR prescription* OR e-prescription* OR deprescrib* OR de-prescrib* OR "prescription-indication*")))) OR MW ((indication-based OR	Search modes - Boolean/Phrase	22,340

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indication-specific OR indicate* OR indicating OR indication* OR "prescription-indication*" OR "indication code*" OR rationale OR rationalization OR non-indicat* OR non-indication* OR "not indicated" OR "without indicating" OR "missing indication" OR "reason for use" OR "reason for indication" OR "reason for prescribing" OR "purpose for use" OR "accountable justification" OR "indication* for use" OR "indication* of use" OR "instruction* for use" OR "indication* for treatment*" OR "documentation of indication*" OR "indication documentation*" OR "order writing" OR "writing process*" OR legible OR legibility OR illegibility OR illegible OR "notation* of purpose" OR "take as directed" OR "take as needed" OR "use as needed" OR "use as directed" OR ((guideline* OR standard* OR "best practice*") N2 (prescrib* OR e-prescrib* OR prescription* OR e-prescription* OR deprescrib* OR de-prescrib* OR "prescription-indication*")))) OR SU ((indication-based OR indication-specific OR indicate* OR indicating OR indication* OR "prescription-indication*" OR "indication code*" OR rationale OR rationalization OR non-indicat* OR non-indication* OR "not indicated" OR "without indicating" OR "missing indication" OR "reason for use" OR "reason for indication" OR "reason for prescribing" OR "purpose for use" OR "accountable justification" OR "indication* for use" OR "indication* of use" OR "instruction* for use" OR "indication* for treatment*" OR "documentation of indication*" OR "indication documentation*" OR "order writing" OR "writing process*" OR legible OR legibility OR illegibility OR illegible OR "notation* of purpose" OR "take as directed" OR "take as needed" OR "use as needed" OR "use as directed" OR ((guideline* OR standard* OR "best practice*") N2 (prescrib* OR e-prescrib* OR prescription* OR e-prescription* OR deprescrib* OR de-prescrib* OR "prescription-indication*")))))

S4	S1 AND S2 AND S3	Search modes - Boolean/Phrase	422
S5	TI ((((indication-based OR indication-specific OR indicate* OR indicating OR indication* OR rationale OR rationalization* OR non-indicat* OR non-indication* OR "not indicated" OR "without indicating" OR "missing indication") N2 (prescription* OR prescrib* OR e-prescrib* OR e-prescription* OR deprescrib* OR de-prescrib* OR overprescrib* OR medication* OR drug* OR therapy OR therapies OR treatment* OR "use" OR usage OR administration OR administer* OR instruction* OR direction* OR order OR orders OR course* OR duration* OR dose OR doses OR dosing OR dosage OR regimen* OR timing OR schedule* OR frequency OR documentation OR documented OR reason* OR purpose* OR label* OR off-label OR provider-selected OR physician* OR appropriate* OR inappropriate* OR correct* OR incorrect* OR missing OR without)) OR "prescription-indication*" OR "indication code*" OR "indication* for use" OR "indication* of use" OR	Search modes - Boolean/Phrase	1,730

"instruction* for use" OR "indication* for treatment*" OR "documentation of indication*" OR "indication documentation*" OR "reason for use" OR "reason for indication" OR "reason for prescribing" OR "purpose for use" OR "accountable justification" OR "notation* of purpose" OR "take as directed" OR "take as needed" OR "use as needed" OR "use as directed" OR "order writing" OR "writing process*")) OR MW ((((indication-based OR indication-specific OR indicate* OR indicating OR indication* OR rationale OR rationalization* OR non-indicat* OR non-indication* OR "not indicated" OR "without indicating" OR "missing indication") N2 (prescription* OR prescrib* OR e-prescrib* OR e-prescription* OR deprescrib* OR de-prescrib* OR overprescrib* OR medication* OR drug* OR therapy OR therapies OR treatment* OR "use" OR usage OR administration OR administer* OR instruction* OR direction* OR order OR orders OR course* OR duration* OR dose OR doses OR dosing OR dosage OR regimen* OR timing OR schedule* OR frequency OR documentation OR documented OR reason* OR purpose* OR label* OR off-label OR provider-selected OR physician* OR appropriate* OR inappropriate* OR correct* OR incorrect* OR missing OR without)) OR "prescription-indication*" OR "indication code*" OR "indication* for use" OR "indication* of use" OR "instruction* for use" OR "indication* for treatment*" OR "documentation of indication*" OR "indication documentation*" OR "reason for use" OR "reason for indication" OR "reason for prescribing" OR "purpose for use" OR "accountable justification" OR "notation* of purpose" OR "take as directed" OR "take as needed" OR "use as needed" OR "use as directed" OR "order writing" OR "writing process*")) OR SU ((((indication-based OR indication-specific OR indicate* OR indicating OR indication* OR rationale OR rationalization* OR non-indicat* OR non-indication* OR "not indicated" OR "without indicating" OR "missing indication") N2 (prescription* OR prescrib* OR e-prescrib* OR e-prescription* OR deprescrib* OR de-prescrib* OR overprescrib* OR medication* OR drug* OR therapy OR therapies OR treatment* OR "use" OR usage OR administration OR administer* OR instruction* OR direction* OR order OR orders OR course* OR duration* OR dose OR doses OR dosing OR dosage OR regimen* OR timing OR schedule* OR frequency OR documentation OR documented OR reason* OR purpose* OR label* OR off-label OR provider-selected OR physician* OR appropriate* OR inappropriate* OR correct* OR incorrect* OR missing OR without)) OR "prescription-indication*" OR "indication code*" OR "indication* for use" OR "indication* of use" OR "instruction* for use" OR "indication* for treatment*" OR "documentation of indication*" OR "indication documentation*" OR "reason for use" OR "reason for indication" OR "reason for prescribing" OR "purpose for use" OR "accountable justification" OR "notation* of purpose" OR

	"take as directed" OR "take as needed" OR "use as needed" OR "use as directed" OR "order writing" OR "writing process*"))		
S6	(S1 OR S2) AND S5	Search modes - Boolean/Phrase	648
S7	S4 OR S6	Search modes - Boolean/Phrase	1,060
S8	((MH "Central Nervous System Agents+") OR (MH "Psychotropic Drugs+") OR (MH "Antidepressive Agents+") OR (MH "Peripheral Nervous System Agents+") OR (MH "Analgesics+") OR (MH "Analgesics, Opioid+") OR (MH "Narcotics+") OR (MH "Hematologic Agents+") OR (MH "Anticoagulants")) OR (TI (((narcotic* OR opioid* OR fentanyl OR analgesic* OR naloxone OR anti-depress* OR anti-depress* OR antipsychotic* OR anti-psychotic* OR psychiatric OR psychoses OR psychotropic OR anticoagulant* OR antiplatelet* OR stroke*) N2 (drug* OR prescription* OR prescrib* OR e-prescrib* OR e-prescription* OR deprescrib* OR de-prescrib* OR overprescrib* OR medication* OR treatment* OR therapy OR therapies))) OR MW (((narcotic* OR opioid* OR fentanyl OR analgesic* OR naloxone OR anti-depress* OR anti-depress* OR antipsychotic* OR anti-psychotic* OR psychiatric OR psychoses OR psychotropic OR anticoagulant* OR antiplatelet* OR stroke*) N2 (drug* OR prescription* OR prescrib* OR e-prescrib* OR e-prescription* OR deprescrib* OR de-prescrib* OR overprescrib* OR medication* OR treatment* OR therapy OR therapies))) OR SU (((narcotic* OR opioid* OR fentanyl OR analgesic* OR naloxone OR anti-depress* OR anti-depress* OR antipsychotic* OR anti-psychotic* OR psychiatric OR psychoses OR psychotropic OR anticoagulant* OR antiplatelet* OR stroke*) N2 (drug* OR prescription* OR prescrib* OR e-prescrib* OR e-prescription* OR deprescrib* OR de-prescrib* OR overprescrib* OR medication* OR treatment* OR therapy OR therapies))))	Search modes - Boolean/Phrase	375,002
S9	S7 NOT S8	Search modes - Boolean/Phrase	859
S10	S9 NOT ((MH "Animals+") NOT (MH "Human"))	Search modes - Boolean/Phrase	851
S11	S10 NOT PT (Brief Item OR Commentary OR Editorial OR Letter)	Search modes - Boolean/Phrase	767
S12	S10 NOT PT (Brief Item OR Commentary OR Editorial OR Letter)	Limiters - Published Date: 19900101-; Language: English Search modes - Boolean/Phrase	756
S13	S12 AND MX Y	Search modes - Boolean/Phrase	320

INTERNATIONAL PHARMACEUTICAL ABSTRACTS (IPA)

EBSCOhost International Pharmaceutical Abstracts

#	Query	Limiters/Expanders	Results
S1	TI ((anti-infective* OR antiinfective* OR anti-biotic* OR antibiotic* OR anti-microb* OR antimicrob* OR antibacterial* OR anti-bacterial*)) OR SU ((anti-infective* OR antiinfective* OR anti-biotic* OR antibiotic* OR anti-microb* OR antimicrob* OR antibacterial* OR anti-bacterial*))	Search modes - Boolean/Phrase	43,500
S2	TI ((prescription* OR prescrib* OR e-prescrib* OR e-prescription* OR deprescrib* OR de-prescrib* OR overprescrib* OR medication* OR (drug* N2 (therapy OR therapies OR treatment*)))) OR SU ((prescription* OR prescrib* OR e-prescrib* OR e-prescription* OR deprescrib* OR de-prescrib* OR overprescrib* OR medication* OR (drug* N2 (therapy OR therapies OR treatment*))))	Search modes - Boolean/Phrase	54,800
S3	TI ((indication-based OR indication-specific OR indicate* OR indicating OR indication* OR "prescription-indication*" OR "indication code*" OR rationale OR rationalization OR non-indicat* OR non-indication* OR "not indicated" OR "without indicating" OR "missing indication" OR "reason for use" OR "reason for indication" OR "reason for prescribing" OR "purpose for use" OR "accountable justification" OR "indication* for use" OR "indication* of use" OR "instruction* for use" OR "indication* for treatment*" OR "documentation of indication*" OR "indication documentation*" OR "order writing" OR "writing process*" OR legible OR legibility OR illegibility OR illegible OR "notation* of purpose" OR "take as directed" OR "take as needed" OR "use as needed" OR "use as directed" OR ((guideline* OR standard* OR "best practice*") N2 (prescrib* OR e-prescrib* OR prescription* OR e-prescription* OR deprescrib* OR de-prescrib* OR "prescription-indication*")))) OR SU ((indication-based OR indication-specific OR indicate* OR indicating OR indication* OR "prescription-indication*" OR "indication code*" OR rationale OR rationalization OR non-indicat* OR non-indication* OR "not indicated" OR "without indicating" OR "missing indication" OR "reason for use" OR "reason for indication" OR "reason for prescribing" OR "purpose for use" OR "accountable justification" OR "indication* for use" OR "indication* of use" OR "instruction* for use" OR "indication* for treatment*" OR "documentation of indication*" OR "indication documentation*" OR "order writing" OR "writing process*" OR legible OR legibility OR illegibility OR illegible OR "notation* of purpose" OR "take as directed" OR "take as needed" OR "use as needed" OR "use as directed" OR ((guideline* OR standard* OR "best practice*") N2 (prescrib* OR e-prescrib* OR prescription* OR e-prescription* OR deprescrib* OR de-prescrib* OR "prescription-indication*"))))	Search modes - Boolean/Phrase	4,380
S4	S1 AND S2 AND S3	Search modes - Boolean/Phrase	75
S5	TI ((((indication-based OR indication-specific OR indicate* OR indicating OR indication* OR rationale OR rationalization* OR non-indicat* OR non-indication* OR "not indicated" OR "without indicating" OR "missing indication") N2 (prescription* OR prescrib* OR e-prescrib* OR e-prescription* OR deprescrib*	Search modes - Boolean/Phrase	2,634

OR de-prescrib* OR overprescrib* OR medication* OR drug* OR therapy OR therapies OR treatment* OR "use" OR usage OR administration OR administer* OR instruction* OR direction* OR order OR orders OR course* OR duration* OR dose OR doses OR dosing OR dosage OR regimen* OR timing OR schedule* OR frequency OR documentation OR documented OR reason* OR purpose* OR label* OR off-label OR provider-selected OR physician* OR appropriate* OR inappropriate* OR correct* OR incorrect* OR missing OR without)) OR "prescription-indication*" OR "indication code*" OR "indication* for use" OR "indication* of use" OR "instruction* for use" OR "indication* for treatment*" OR "documentation of indication*" OR "indication documentation*" OR "reason for use" OR "reason for indication" OR "reason for prescribing" OR "purpose for use" OR "accountable justification" OR "notation* of purpose" OR "take as directed" OR "take as needed" OR "use as needed" OR "use as directed" OR "order writing" OR "writing process*"))
OR SU ((((indication-based OR indication-specific OR indicate* OR indicating OR indication* OR rationale OR rationalization* OR non-indicat* OR non-indication* OR "not indicated" OR "without indicating" OR "missing indication") N2 (prescription* OR prescrib* OR e-prescrib* OR e-prescription* OR deprescrib* OR de-prescrib* OR overprescrib* OR medication* OR drug* OR therapy OR therapies OR treatment* OR "use" OR usage OR administration OR administer* OR instruction* OR direction* OR order OR orders OR course* OR duration* OR dose OR doses OR dosing OR dosage OR regimen* OR timing OR schedule* OR frequency OR documentation OR documented OR reason* OR purpose* OR label* OR off-label OR provider-selected OR physician* OR appropriate* OR inappropriate* OR correct* OR incorrect* OR missing OR without)) OR "prescription-indication*" OR "indication code*" OR "indication* for use" OR "indication* of use" OR "instruction* for use" OR "indication* for treatment*" OR "documentation of indication*" OR "indication documentation*" OR "reason for use" OR "reason for indication" OR "reason for prescribing" OR "purpose for use" OR "accountable justification" OR "notation* of purpose" OR "take as directed" OR "take as needed" OR "use as needed" OR "use as directed" OR "order writing" OR "writing process*"))

S6	(S1 OR S2) AND S5	Search modes - Boolean/Phrase	573
S7	S4 OR S6	Search modes - Boolean/Phrase	630
S8	TI (((narcotic* OR opioid* OR fentanyl OR analgesic* OR naloxone OR anti-depress* OR anti-depress* OR antipsychotic* OR anti-psychotic* OR psychiatric OR psychoses OR psychotropic OR anticoagulant* OR antiplatelet* OR stroke*) N2 (drug* OR prescription* OR prescrib* OR e-prescrib* OR e-prescription* OR deprescrib* OR de-prescrib* OR overprescrib* OR medication* OR treatment* OR therapy OR therapies))) OR SU (((narcotic* OR opioid* OR fentanyl OR analgesic* OR naloxone OR anti-depress* OR anti-depress* OR antipsychotic* OR anti-psychotic* OR psychiatric OR psychoses OR	Search modes - Boolean/Phrase	8,077

	psychotropic OR anticoagulant* OR antiplatelet* OR stroke*) N2 (drug* OR prescription* OR prescrib* OR e-prescrib* OR e-prescription* OR deprescrib* OR de-prescrib* OR overprescrib* OR medication* OR treatment* OR therapy OR therapies)))		
S9	S7 NOT S8	Search modes - Boolean/Phrase	607
S10	S7 NOT S8	Limiters - Published Date: 19900101- Search modes - Boolean/Phrase	429

Search Results: 2121