

Table S1 Search terms

PubMed (1559 records identified)
<p>(((((("primary health care"[MeSH Terms] OR "general practice*"[MeSH Terms]) OR "general practitioner*"[MeSH Terms]) OR "family practice*"[MeSH Terms]) OR "physicians, family"[MeSH Terms]) OR "community health centers"[MeSH Terms]) OR "community health services"[MeSH Terms]) OR "hospitals, community"[MeSH Terms]) OR ((((((("family"[Title/Abstract] AND "physician*"[Title/Abstract]) OR ("family"[Title/Abstract] AND "practice*"[Title/Abstract])) OR ("general"[Title/Abstract] AND "practitioner*"[Title/Abstract])) OR ("general"[Title/Abstract] AND "practice*"[Title/Abstract])) OR ("primary"[Title/Abstract] AND "care"[Title/Abstract])) OR ("community"[Title/Abstract] AND "health center*"[Title/Abstract])) OR ("community"[Title/Abstract] AND "health service*"[Title/Abstract])) OR ("community"[Title/Abstract] AND "hospital*"[Title/Abstract])) OR (((("clinics"[Title/Abstract] OR "township health center*"[Title/Abstract]) OR "rural health station*"[Title/Abstract]) OR "community health station*"[Title/Abstract]) OR "community pharmac*"[Title/Abstract])</p> <p>AND</p> <p>("elder*"[Title/Abstract] OR "old*"[Title/Abstract] OR "senior"[Title/Abstract] OR "ageing"[Title/Abstract] OR "geriatric"[Title/Abstract] OR "aged"[Title/Abstract]) OR ("aged"[MeSH Terms])</p> <p>AND</p> <p>("inappropriate prescribing"[MeSH Terms] OR "medication error*"[MeSH Terms]) OR ("Inappropriate Prescribing"[Title/Abstract] OR "Inappropriate Prescription*"[Title/Abstract] OR "Inappropriate medication*"[Title/Abstract] OR "Inappropriate drug*"[Title/Abstract] OR "Inappropriate medicine*"[Title/Abstract] OR "irrational prescribing*"[Title/Abstract] OR "irrational prescription*"[Title/Abstract] OR "high-risk prescription*"[Title/Abstract] OR "unsafe prescription*"[Title/Abstract] OR "high-risk medication*"[Title/Abstract] OR "unsafe medication*"[Title/Abstract] OR "harmful medication*"[Title/Abstract] OR "prescribing omission*"[Title/Abstract] OR "suboptimal prescribing"[Title/Abstract] OR "suboptimal medication*"[Title/Abstract] OR "overprescribing"[Title/Abstract] OR "over-prescribing"[Title/Abstract] OR "over-prescription"[Title/Abstract] OR "underprescribing"[Title/Abstract] OR "under-prescribing"[Title/Abstract] OR "under-prescription*"[Title/Abstract] OR "limited benefit medication*"[Title/Abstract] OR "medicines optimisation"[Title/Abstract] OR "medicines optimization"[Title/Abstract] OR "reconciliation"[Title/Abstract] OR "deprescrib*"[Title/Abstract] OR "medication review"[Title/Abstract] OR "medication withdrawal"[Title/Abstract] OR "drug withdrawal"[Title/Abstract] OR "medication cessation"[Title/Abstract] OR "drug cessation"[Title/Abstract] OR "discontinuing medication*"[Title/Abstract] OR "medication discontinuation"[Title/Abstract])</p> <p>AND</p> <p>("factor*"[Title/Abstract] OR "influencing factor*"[Title/Abstract] OR "risk factor*"[Title/Abstract] OR "influence factor*"[Title/Abstract] OR "affecting factor*"[Title/Abstract] OR "barriers"[Title/Abstract] OR "association"[Title/Abstract] OR "obstacle*"[Title/Abstract] OR "associated factor*"[Title/Abstract] OR "factor*"[Title/Abstract] OR "predictor*"[Title/Abstract] OR "determinant*"[Title/Abstract] OR "facilitator*"[Title/Abstract] OR "enabler*"[Title/Abstract] OR "challenge*"[Title/Abstract] OR "difficult*"[Title/Abstract] OR "qualitative"[Title/Abstract] OR "recommendation*"[Title/Abstract] OR "solution*"[Title/Abstract] OR "interview*"[Title/Abstract] OR "thematic analysis"[Title/Abstract] OR "grounded theory"[Title/Abstract] OR "focus group*"[Title/Abstract])</p>

Embase (3468 records identified)
('primary health care'/exp OR 'primary medical care'/exp OR 'general practitioner'/exp OR 'general practice*'/exp OR 'health center*'/exp OR 'community care'/exp OR 'community hospital*'/exp OR 'home care'/exp OR 'general practitioner*':ab,ti OR 'family physician*':ab,ti OR 'family doctor*':ab,ti OR 'general practice':ab,ti OR 'primary health care':ab,ti OR 'primary medical care':ab,ti OR 'community care':ab,ti OR 'home care':ab,ti OR 'township health center*':ab,ti OR 'rural health station*':ab,ti OR 'community health center*':ab,ti OR 'community health service*':ab,ti OR 'clinic*':ab,ti OR 'community health station*':ab,ti OR 'community pharmacist*'/exp OR ('pharmac*'/exp AND shop) OR 'community pharmac*':ab,ti OR 'pharmacy shop*':ab,ti)
AND
('aged'/exp OR 'older adults'/exp OR 'older people'/exp OR 'older adult'/exp OR 'very elderly'/exp OR 'geriatric*'/exp OR senior:ab,ti OR aged:ab,ti OR old:ab,ti OR older:ab,ti OR elderly:ab,ti)
AND
('inappropriate prescribing'/exp OR 'medication error*'/exp OR 'inappropriate drug use'/exp OR 'inappropriate drug*':ab,ti OR 'inappropriate medicine*':ab,ti OR 'inappropriate medication*':ab,ti OR 'inappropriate drug use':ab,ti OR 'irrational prescribing':ab,ti OR 'irrational prescription*':ab,ti OR 'high-risk prescription*':ab,ti OR 'high-risk medication*':ab,ti OR 'unsafe prescription':ab,ti OR 'unsafe medication*':ab,ti OR 'harmful medication*':ab,ti OR 'prescribing omission':ab,ti OR suboptimal prescribing:ab,ti OR suboptimal medication*':ab,ti OR overprescribing:ab,ti OR 'over prescribing':ab,ti OR 'over prescription':ab,ti OR underprescribing:ab,ti OR 'under prescribing':ab,ti OR 'under prescription*':ab,ti OR 'limited benefit medication*':ab,ti OR 'medicines minimisation':ab,ti OR 'medicines minimization':ab,ti OR 'reconciliation':ab,ti OR 'deprescrib*':ab,ti OR 'medication review':ab,ti OR 'medication withdrawal':ab,ti OR 'drug withdrawal':ab,ti OR 'medication cessation':ab,ti OR 'drug cessation':ab,ti OR 'discontinuing medication*':ab,ti OR 'medication discontinuation':ab,ti)
AND
('factor*':ab,ti OR 'influence factor*':ab,ti OR 'influencing factor*':ab,ti OR 'affecting factor*':ab,ti OR 'risk factor*':ab,ti OR 'associated factor*':ab,ti OR predictor*':ab,ti OR facilitator*':ab,ti OR enabler*':ab,ti OR barrier*':ab,ti OR obstacle*':ab,ti OR association:ab,ti OR determinant*':ab,ti OR 'focus group*':ab,ti OR 'grounded theory':ab,ti OR 'thematic analysis':ab,ti OR challenge*':ab,ti OR difficult*':ab,ti OR qualitative:ab,ti OR recommendation*':ab,ti OR solution*':ab,ti OR interview*':ab,ti)

Scopus (5275 records identified)

(TITLE-ABS-KEY ("primary health care" OR "primary medical care" OR "primary care" OR "family physician*" OR "general practitioner*" OR "family practice*" OR "general practice*" OR GP OR "community pharmac*" OR clinic* OR "community hospital*" OR "community health center*" OR "township health service*" OR "home care" OR "pharmacy shop*" OR "township health center*" OR "rural health station*" OR "community health station*") AND SUBJAREA(MULT OR MEDI OR NURS OR VETE OR DENT OR HEAL OR PSYC OR SOCI)) AND (TITLE-ABS-KEY(elder* OR old* OR aged OR "elderly patient" OR "elderly adult*" OR "older patient*" OR "older adult*" OR senior OR geriatric) AND SUBJAREA(MULT OR MEDI OR NURS OR VETE OR DENT OR HEAL OR PSYC OR SOCI)) AND (TITLE-ABS-KEY ("inappropriate prescribing" OR "medication error*" OR "inappropriate prescription*" OR "inappropriate medication*" OR "inappropriate drug*" OR "inappropriate medicine*" OR "irrational prescribing" OR "irrational prescription*" OR "high-risk prescription*" OR "high-risk medication*" OR "unsafe prescription*" OR "unsafe medication*" OR "harmful medication*" OR "prescribing omission*" OR "suboptimal prescribing" OR "suboptimal medication*" OR "limited benefit medication*" OR overprescribing OR over-prescribing OR over-prescription* OR underprescribing OR under-prescribing OR under-prescription* OR "medicines optimisation" OR "medicines optimization" OR deprescrib* OR "medication review" OR "discontinuing medication*" OR "medication discontinuation") AND SUBJAREA(MULT OR MEDI OR NURS OR VETE OR DENT OR HEAL OR PSYC OR SOCI)) AND (TITLE-ABS-KEY(factor* OR barrier* OR obstacle* OR predictor* OR facilitator* OR enabler* OR determinant* OR "influence factor*" OR "influencing factor*" OR "risk factor*" OR "affecting factor*" OR association OR "associated factor*" OR "focus group*" OR "grounded theory" OR "thematic analysis" OR challenge* OR difficult* OR qualitative OR recommendation* OR solution* OR interview*) AND SUBJAREA(MULT OR MEDI OR NURS OR VETE OR DENT OR HEAL OR PSYC OR SOCI))

CINAHL (1075 records identified)

TI ("primary health care" OR "primary medical care" OR "primary care" OR "family physician*" OR "general practitioner*" OR "family practice*" OR "general practice*" OR GP OR "community pharmac*" OR clinic* OR "community hospital*" OR "community health center*" OR "home care" OR "township health center*" OR "rural health station*" OR "community health station*") OR AB ("primary health care" OR "primary medical care" OR "primary care" OR "family physician*" OR "general practitioner*" OR "family practice*" OR "general practice*" OR GP OR "community pharmac*" OR clinic* OR "community hospital*" OR "community health center*" OR "home care" OR "township health center*" OR "rural health station*" OR "community health station*")

AND

AG aged: 65+ years OR TI (elder* or aged or old* or geriatric or senior) OR AB (elder* or aged or old* or geriatric or senior)

AND

TI ("inappropriate prescribing" OR "medication error*" OR "inappropriate prescription*" OR "inappropriate medication*" OR "inappropriate drug*" OR "inappropriate medicine*" OR "irrational prescribing" OR "irrational prescription*" OR "high-risk prescription*" OR "high-risk medication*" OR "unsafe prescription*" OR "unsafe medication*" OR "harmful medication*" OR "prescribing omission*" OR "suboptimal prescribing" OR "limited benefit medication*" OR "medicines optimisation" OR "medicines optimization" OR overprescribing OR over-prescribing OR over-prescription* OR underprescribing OR under-prescribing OR under-prescription* OR deprescrib* OR reconciliation OR "medication review" OR "discontinuing medication*" OR "medication discontinuation" OR "medication withdrawal" OR "drug withdrawal" OR "medication cessation" OR "drug cessation") OR AB ("inappropriate prescribing" OR "medication error*" OR "inappropriate prescription*" OR "inappropriate medication*" OR "inappropriate drug*" OR "inappropriate medicine*" OR "irrational prescribing" OR "irrational prescription*" OR "high-risk prescription*" OR "high-risk medication*" OR "unsafe prescription*" OR "unsafe medication*" OR "harmful medication*" OR "prescribing omission*" OR "suboptimal prescribing" OR "limited benefit medication*" OR "medicines optimisation" OR "medicines optimization" OR overprescribing OR over-prescribing OR over-prescription* OR underprescribing OR under-prescribing OR under-prescription* OR deprescrib* OR reconciliation OR "medication review" OR "discontinuing medication*" OR "medication discontinuation" OR "medication withdrawal" OR "drug withdrawal" OR "medication cessation" OR "drug cessation")

AND

TI ((factor* OR barrier* OR obstacle* OR predictor* OR facilitator* OR enabler* OR determinant* OR "influence factor*" OR "influencing factor*" OR "risk factor*" OR "affecting factor*" OR association OR "associated factor*" OR "focus group*" OR "grounded theory" OR "thematic analysis" OR challenge* OR difficult* OR qualitative OR recommendation* OR solution* OR interview*) OR AB (factor* OR barrier* OR obstacle* OR predictor* OR facilitator* OR enabler* OR determinant* OR "influence factor*" OR "influencing factor*" OR "risk factor*" OR "affecting factor*" OR association OR "associated factor*" OR "focus group*" OR "grounded theory" OR "thematic analysis" OR challenge* OR difficult* OR qualitative OR recommendation* OR solution* OR interview*)

PsycInfo (256 records identified)

TI ("primary health care" OR "primary medical care" OR "primary care" OR "family physician*" OR "general practitioner*" OR "family practice*" OR "general practice*" OR GP* OR "community pharmac*" OR clinic* OR "community hospital*" OR "community health center*" OR "home care" OR "township health center*" OR "rural health station*" OR "community health station*") OR AB ("primary health care" OR "primary medical care" OR "primary care" OR "family physician*" OR "general practitioner*" OR "family practice*" OR "general practice*" OR GP* OR "community pharmac*" OR clinic* OR "community hospital*" OR "community health center*" OR "home care" OR "township health center*" OR "rural health station*" OR "community health station*")

AND

AG aged: 65+ years OR TI (elder* or aged or old* or geriatric or senior) OR AB (elder* or aged or old* or geriatric or senior)

AND

TI ("inappropriate prescribing" OR "medication error*" OR "inappropriate prescription*" OR "inappropriate medication*" OR "inappropriate drug*" OR "inappropriate medicine*" OR "irrational prescribing" OR "irrational prescription*" OR "high-risk prescription*" OR "high-risk medication*" OR "unsafe prescription*" OR "unsafe medication*" OR "harmful medication*" OR "prescribing omission*" OR "suboptimal prescribing" OR "limited benefit medication*" OR "medicines optimisation" OR "medicines optimization" OR overprescribing OR over-prescribing OR over-prescription* OR underprescribing OR under-prescribing OR under-prescription* OR deprescrib* OR reconciliation OR "medication review" OR "discontinuing medication*" OR "medication discontinuation" OR "medication withdrawal" OR "drug withdrawal" OR "medication cessation" OR "drug cessation") OR AB ("inappropriate prescribing" OR "medication error*" OR "inappropriate prescription*" OR "inappropriate medication*" OR "inappropriate drug*" OR "inappropriate medicine*" OR "irrational prescribing" OR "irrational prescription*" OR "high-risk prescription*" OR "high-risk medication*" OR "unsafe prescription*" OR "unsafe medication*" OR "harmful medication*" OR "prescribing omission*" OR "suboptimal prescribing" OR "limited benefit medication*" OR "medicines optimisation" OR "medicines optimization" OR overprescribing OR over-prescribing OR over-prescription* OR underprescribing OR under-prescribing OR under-prescription* OR deprescrib* OR reconciliation OR "medication review" OR "discontinuing medication*" OR "medication discontinuation" OR "medication withdrawal" OR "drug withdrawal" OR "medication cessation" OR "drug cessation")

AND

TI ((factor* OR barrier* OR obstacle* OR predictor* OR facilitator* OR enabler* OR determinant* OR "influence factor*" OR "influencing factor*" OR "risk factor*" OR "affecting factor*" OR association OR "associated factor*" OR "focus group*" OR "grounded theory" OR "thematic analysis" OR challenge* OR difficult* OR qualitative OR recommendation* OR solution* OR interview*) OR AB (factor* OR barrier* OR obstacle* OR predictor* OR facilitator* OR enabler* OR determinant* OR "influence factor*" OR "influencing factor*" OR "risk factor*" OR "affecting factor*" OR association OR "associated factor*" OR "focus group*" OR "grounded theory" OR "thematic analysis" OR challenge* OR difficult* OR qualitative OR recommendation* OR solution* OR interview*)

WOS (567 records identified)

(TI=(primary health care" OR "primary medical care" OR "primary care" OR "family physician*" OR "general practitioner*" OR "family practice*" OR "general practice*" OR GP OR "community pharmac*" OR clinic* OR "community hospital*" OR "community health center*" OR "home care" OR "township health center*" OR "rural health station*" OR "community health station*" OR "community pharmac*") OR AB=(primary health care" OR "primary medical care" OR "primary care" OR "family physician*" OR "general practitioner*" OR "family practice*" OR "general practice*" OR GP OR "community pharmac*" OR clinic* OR "community hospital*" OR "community health center*" OR "home care" OR "township health center*" OR "rural health station*" OR "community health station*" OR "community pharmac*"))

AND

(TI=(elder* OR old* OR aged OR senior OR geriatric*) OR AB=(elder* OR old* OR aged OR senior OR geriatric*))

AND

(TI=("inappropriate prescribing" OR "medication error*" OR "inappropriate prescription*" OR "inappropriate medication*" OR "inappropriate drug*" OR "inappropriate medicine*" OR "irrational prescribing" OR "irrational prescription*" OR "high-risk prescription*" OR "high-risk medication*" OR "unsafe prescription*" OR "unsafe medication*" OR "harmful medication*" OR "prescribing omission*" OR "suboptimal prescribing" OR "suboptimal medication*" OR "limited benefit medication*" OR "medicines optimisation" OR "medicines optimization" OR overprescribing OR over-prescribing OR over-prescription* OR underprescribing OR under-prescribing OR under-prescription* OR deprescrib* OR reconciliation OR "medication review" OR "discontinuing medication*" OR "medication discontinuation" OR "medication withdrawal" OR "drug withdrawal" OR "medication cessation" OR "drug cessation") OR AB=("inappropriate prescribing" OR "medication error*" OR "inappropriate prescription*" OR "inappropriate medication*" OR "inappropriate drug*" OR "inappropriate medicine*" OR "irrational prescribing" OR "irrational prescription*" OR "high-risk prescription*" OR "high-risk medication*" OR "unsafe prescription*" OR "unsafe medication*" OR "harmful medication*" OR "prescribing omission*" OR "suboptimal prescribing" OR "suboptimal medication*" OR "limited benefit medication*" OR "medicines optimisation" OR "medicines optimization" OR overprescribing OR over-prescribing OR over-prescription* OR underprescribing OR under-prescribing OR under-prescription* OR deprescrib* OR reconciliation OR "medication review" OR "discontinuing medication*" OR "medication discontinuation" OR "medication withdrawal" OR "drug withdrawal" OR "medication cessation" OR "drug cessation"))

AND

(TI=(factor* OR barrier* OR obstacle* OR predictor* OR facilitator* OR enabler* OR determinant* OR "influence factor*" OR "influencing factor*" OR "risk factor*" OR "affecting factor*" OR association OR "associated factor*" OR "focus group*" OR "grounded theory" OR "thematic analysis" OR challenge* OR difficult* OR qualitative OR recommendation* OR solution* OR interview*) OR AB=(factor* OR barrier* OR obstacle* OR predictor* OR facilitator* OR enabler* OR determinant* OR "influence factor*" OR "influencing factor*" OR "risk factor*" OR "affecting factor*" OR association OR "associated factor*" OR "focus group*" OR "grounded theory" OR "thematic analysis" OR challenge* OR difficult* OR qualitative OR recommendation* OR solution* OR interview*))

CNKI (615 records identified)

(TI=('社区卫生服务中心'+ '社区健康服务中心'+ '社区卫生服务站'+ '社康中心'+ '社区医院'+ '社区门诊'+ '卫生院'+ '卫生室'+ '基层医疗机构'+ '基层医院'+ '基层医院'+ '家庭医生'+ '社区医生'+ '社区药师'+ '社区药房'+ '全科医生'+ '全科门诊'+ '老年社区'+ '诊所'+ '居家')) OR (AB=('社区卫生服务中心'+ '社区健康服务中心'+ '社区卫生服务站'+ '社康中心'+ '社区医院'+ '社区门诊'+ '卫生院'+ '卫生室'+ '基层医疗机构'+ '基层医院'+ '基层医院'+ '家庭医生'+ '社区医生'+ '社区药师'+ '社区药房'+ '全科医生'+ '全科门诊'+ '老年社区'+ '诊所'+ '居家'))

在结果中检索

(TI=('不合理用药'+ '不适当用药'+ '不合理处方'+ '不适当处方'+ '高危用药'+ '不规范处方'+ '不规范用药'+ '处方精简'+ '处方优化'+ '处方评估'+ '处方点评'+ '处方审查'+ 'Beers'+ 'STOPP'+ 'START')) OR (AB=('不合理用药'+ '不适当用药'+ '不合理处方'+ '不适当处方'+ '高危用药'+ '不规范处方'+ '不规范用药'+ '处方精简'+ '处方优化'+ '处方评估'+ '处方点评'+ '处方审查'+ 'Beers'+ 'STOPP'+ 'START'))

在结果中检索

(TI=('老年'+ '老龄'+ '高龄'+ '高人')) OR (AB=('老年'+ '老龄'+ '高龄'+ '老人'))

在结果中检索

(TI=('因素'+ '分析'+ '预测'+ '情况'+ '现况'+ '现状'+ '质性研究'+ '定性研究'+ '访谈'+ '建议'+ '主题分析'+ '扎根理论'+ '困难'+ '挑战')) OR (AB=('因素'+ '分析'+ '预测'+ '情况'+ '现况'+ '现状'+ '质性研究'+ '定性研究'+ '访谈'+ '建议'+ '主题分析'+ '扎根理论'+ '困难'+ '挑战'))

Wanfang (352 records identified)

(摘要:('社区卫生服务中心"or"社区健康服务中心"or"社区医院"or"社区卫生服务站"or"社康中心"or"社区门诊"or"卫生院"or"卫生室"or"基层医疗机构"or"基层医院"or"家庭医生"or"社区医生"or"社区药师"or"社区药房"or"全科医生"or"全科门诊"or"老年社区"or"诊所"or"居家")) or (题名:('社区卫生服务中心"or"社区健康服务中心"or"社区医院"or"社区卫生服务站"or"社康中心"or"社区门诊"or"卫生院"or"卫生室"or"基层医疗机构"or"基层医院"or"家庭医生"or"社区医生"or"社区药师"or"社区药房"or"全科医生"or"全科门诊"or"老年社区"or"诊所"or"居家'))

and

((摘要:('老年"or"老龄"or"高龄"or"老人")) or (题名:('老年"or"老龄"or"高龄"or"老人')))

and

(摘要:('不合理用药"or"不合理处方"or"不适当处方"or"不适当用药"or"高危用药"or"不规范处方"or"不规范用药"or"潜在风险处方"or"潜在有害药物"or"处方精简"or"处方优化"or"处方点评"or"处方审查"or"处方评估"or"Beers"or"STOPP"or"START")) or (题名:('不合理用药"or"不合理处方"or"不适当处方"or"不适当用药"or"高危用药"or"不规范处方"or"不规范用药"or"潜在风险处方"or"潜在有害药物"or"处方精简"or"处方优化"or"处方点评"or"处方审查"or"处方评估"or"Beers"or"STOPP"or"START"))

and

(摘要:('因素"or"分析"or"预测"or"情况"or"现况"or"现状"or"质性研究"or"定性研究"or"访谈"or"建议"or"主题分析"or"扎根理论"or"困难"or"挑战")) or (题名:('因素"or"分析"or"预测"or"情况"or"现况"or"现状"or"质性研究"or"定性研究"or"访谈"or"建议"or"主题分析"or"扎根理论"or"困难"or"挑战"))