**Supplementary Table 1: Search strategy**

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| --- | --- | --- | --- |
| **PubMed/MEDLINE** | **Sciencedirect/Scopus** | **Embase** | **Google scholar** |
| "beers criteria"[All Fields] AND "potential inappropriate medication"[All Fields] AND "ethiopia"[All Fields] AND "stopp 2 criteria"[All Fields] AND "stopp criteria"[All Fields]potentially inappropriate medication list"[All Fields]inappropriate medication, Beers, STOPP, inappropriate, medication,drug, use, prescribing, and elderlyTS=("Potentially Inappropriate Medication List" OR “PIM List\*” OR “InappropriateMedication\*” OR “Inappropriate Medicine\*” OR “Inappropriate Prescrib\*” OR“Inappropriate Prescription\*” OR “Inappropriate Drug\*” OR “Suboptimal Medication\*”OR “Suboptimal Medicine” OR “Suboptimal Medicines” OR “Suboptimal Prescrib\*” OR“Suboptimal Prescription\*” OR “Suboptimal Drug Use” OR “Suboptimal Drugs” OR“Incorrect Medication\*” OR “Incorrect Prescribing” OR “Incorrect Prescription\*” OR“Incorrect Drug\*” OR “potentially inappropriate prescrib\*”.ethiopia AND 'inappropriate prescribing' | “potentiallyinappropriate prescription\*” OR “potentially inappropriate medication\*” OR “potentiallyinappropriate medicine\*” OR “potentially inappropriate drug\*” OR “Beers Criteria” ORSTOPP OR “Screening Tool of Older Person's Potentially Inappropriate Prescriptions” OR“PIM”)TS=("Polypharmacy" OR "Polymedication\*" OR "Polymedicine" OR "Polyprescription\*"OR "Polydrug\*" OR "Multiple Prescription\*" OR "Multiple Prescrib\*" OR "MultipleMedication\*" OR "Multiple Medicine" OR "Multiple Medicines" OR "Multiple Drug\*" OR"Multiple Drug Use" OR "Geriatric assessment" OR "Geriatric assessments" OR "Geriatricreview" OR "Geriatric reviews") ethiopia AND 'inappropriate prescribing' | 'potential inappropriate medication' OR (('potential'/exp OR potential) AND inappropriate AND ('medication'/exp OR medication)) 'beers criteria'/exp OR 'beers criteria' 'inappropriate prescribing'/exp OR 'inappropriate prescribing' 'polypharmacy'/exp OR polypharmacy'stopp criteria'/exp OR 'stopp criteria''older adults' AND 'inappropriate prescribing' ethiopia AND 'inappropriate prescribing' | potentially inappropriate medication OR prescribing OR Beers, STOPP, inappropriate, medication OR drug use“Beers Criteria” ORSTOPP OR “Screening Tool of Older Person's Potentially Inappropriate Prescriptions” OR“PIM”) Polypharmacy" OR "Polymedication\*" OR "Polymedicine" OR "Polyprescription\*"OR "Polydrug\*" OR "Multiple Prescription\*"ethiopia AND 'inappropriate prescribing' |