

Supplement 2. Search strategies

PubMed

((("prescribing"[ti] OR "prescription"[ti] OR "prescriptions"[ti] OR prescri*[ti]) AND ("Anti-Bacterial Agents"[majr] OR "anti-bacterial agents"[ti] OR "anti-bacterial agent"[ti] OR "antibacterial agents"[ti] OR "antibacterial agent"[ti] OR "antibacterials"[ti] OR "antibiotic"[ti] OR "antibiotics"[ti] OR antibiotic*[ti] OR "anti-biotic"[ti] OR "anti-biotics"[ti] OR anti biotic*[ti]) AND ("Primary Health Care"[majr] OR "General Practice"[majr] OR "General Practitioners"[majr] OR "Family Practice"[majr] OR "Physicians, Family"[majr] OR "Primary Health Care"[ti] OR "General Practice"[ti] OR "General Practitioners"[ti] OR "Family Practice"[ti] OR "Family Physicians"[ti] OR "Primary HealthCare"[ti] OR "Primary Care"[ti] OR "General Practitioner"[ti] OR "Family Physician"[ti]) AND ("prescription behavior"[tw] OR "prescribing behavior"[tw] OR "prescription behaviors"[tw] OR "prescribing behaviors"[tw] OR "prescription behaviour"[tw] OR "prescribing behaviour"[tw] OR "prescription behaviours"[tw] OR "prescribing behaviours"[tw] OR "reduced prescription"[tw] OR "reduced prescribing"[tw] OR "prescription rates"[tw] OR "prescription rate"[tw])) OR (("inappropriate antibiotic"[tw] OR "inappropriate antibiotics"[tw] OR ("Inappropriate Prescribing"[Mesh] OR "inappropriate prescribing"[tw] OR "inappropriate prescription"[tw] OR "inappropriate prescriptions"[tw] OR inappropriate prescri*[tw] OR "over prescribing"[tw] OR over prescri*[tw] OR "overprescribing"[tw] OR overprescri*[tw] OR "unnecessary prescribing"[tw] OR "unnecessary prescription"[tw] OR "unnecessary prescriptions"[tw] OR "inappropriate"[tw] OR inappropriat*[tw] OR "misprescription"[tw] OR "misprescriptions"[tw] OR misprescri*[tw] OR "mis prescription"[tw] OR mis prescription*[tw] OR "determinant"[tw] OR "determinants"[tw]) AND ("Anti-Bacterial Agents"[Mesh] OR "Anti-Bacterial Agents"[Pharmacological Action] OR "anti-bacterial agents"[tw] OR "anti-bacterial agent"[tw] OR "antibacterial agents"[tw] OR "antibacterial agent"[tw] OR "antibacterials"[tw] OR "antibiotic"[tw] OR "antibiotics"[tw] OR antibiotic*[tw] OR "anti-biotic"[tw] OR "anti-biotics"[tw] OR anti biotic*[tw])) AND ("Primary Health Care"[Mesh] OR "General Practice"[Mesh] OR "General Practitioners"[Mesh] OR "Family Practice"[Mesh] OR "Physicians, Family"[Mesh] OR "Primary Health Care"[tw] OR "General Practice"[tw] OR "General Practitioners"[tw] OR "Family Practice"[tw] OR "Family Physicians"[tw] OR "Primary HealthCare"[tw] OR "Primary Care"[tw] OR "General Practitioner"[tw] OR "Family Physician"[tw]))))

Embase (OVID-version)

((("prescribing".ti OR "prescription".ti OR "prescriptions".ti OR prescri*.ti) AND (exp *Antibiotic Agent/ OR "anti-bacterial agents".ti OR "anti-bacterial agent".ti OR "antibacterial agents".ti OR "antibacterial agent".ti OR "antibacterials".ti OR "antibiotic".ti OR "antibiotics".ti OR antibiotic*.ti OR "anti-biotic".ti OR "anti-biotics".ti

OR anti biotic*.ti) AND (exp *"Primary Health Care"/ OR *"General Practitioner"/ OR *"General Practice"/ OR "Primary Health Care".ti OR "General Practice".ti OR "General Practitioners".ti OR "Family Practice".ti OR "Family Physicians".ti OR "Primary HealthCare".ti OR "Primary Care".ti OR "General Practitioner".ti OR "Family Physician".ti) AND ("prescription behavior".mp OR "prescribing behavior".mp OR "prescription behaviors".mp OR "prescribing behaviors".mp OR "prescription behaviour".mp OR "prescribing behaviour".mp OR "prescription behaviours".mp OR "prescribing behaviours".mp OR "reduced prescription".mp OR "reduced prescribing".mp OR "prescription rates".mp OR "prescription rate".mp)) **OR** (("inappropriate antibiotic".mp OR "inappropriate antibiotics".mp OR ((exp "inappropriate prescribing"/ OR "inappropriate prescribing".mp OR "inappropriate prescription".mp OR "inappropriate prescriptions".mp OR inappropriate prescri*.mp OR "over prescribing".mp OR over prescri*.mp OR "overprescribing".mp OR overprescri*.mp OR "unnecessary prescribing".mp OR "unnecessary prescription".mp OR "unnecessary prescriptions".mp OR "inappropriate".mp OR inappropriat*.mp OR "misprescription".mp OR "misprescriptions".mp OR misprescri*.mp OR "mis prescription".mp OR mis prescription*.mp OR "determinant".mp OR "determinants".mp) AND (exp "Antibiotic Agent"/ OR "anti-bacterial agents".mp OR "anti-bacterial agent".mp OR "antibacterial agents".mp OR "antibacterial agent".mp OR "antibacterials".mp OR "antibiotic".mp OR "antibiotics".mp OR antibiotic*.mp OR "anti-biotic".mp OR "anti-biotics".mp OR anti biotic*.mp))) AND (exp "Primary Health Care"/ OR "General Practitioner"/ OR "General Practice"/ OR "Primary Health Care".mp OR "General Practice".mp OR "General Practitioners".mp OR "Family Practice".mp OR "Family Physicians".mp OR "Primary HealthCare".mp OR "Primary Care".mp OR "General Practitioner".mp OR "Family Physician".mp)))

Web of Science

((ti=("prescribing" OR "prescription" OR "prescriptions" OR prescri*) AND ti=("Antibiotic Agent" OR "anti-bacterial agents" OR "anti-bacterial agent" OR "antibacterial agents" OR "antibacterial agent" OR "antibacterials" OR "antibiotic" OR "antibiotics" OR antibiotic* OR "anti-biotic" OR "anti-biotics" OR "anti biotic*")) AND ti=("Primary Health Care" OR "General Practitioner" OR "General Practice" OR "Primary Health Care" OR "General Practice" OR "General Practitioners" OR "Family Practice" OR "Family Physicians" OR "Primary HealthCare" OR "Primary Care" OR "General Practitioner" OR "Family Physician") AND ts=("prescription behavior" OR "prescribing behavior" OR "prescription behaviors" OR "prescribing behaviors" OR "prescription behaviour" OR "prescribing behaviour" OR "prescription behaviours" OR "prescribing behaviours" OR "reduced prescription" OR "reduced prescribing" OR "prescription rates" OR "prescription rate")) **OR** ((ts=("inappropriate antibiotic" OR "inappropriate antibiotics") OR (ts=("inappropriate prescribing" OR "inappropriate prescribing" OR "inappropriate prescription" OR "inappropriate prescriptions" OR inappropriate prescri* OR "over prescribing" OR over prescri* OR "overprescribing" OR overprescri* OR "unnecessary prescribing" OR "unnecessary prescription" OR "unnecessary prescriptions" OR "inappropriate" OR inappropriat* OR "misprescription"

OR "misprescriptions" OR misprescri* OR "mis prescription" OR "mis prescription*" OR "determinant" OR "determinants") AND ts=("Antibiotic Agent" OR "anti-bacterial agents" OR "anti-bacterial agent" OR "antibacterial agents" OR "antibacterial agent" OR "antibacterials" OR "antibiotic" OR "antibiotics" OR antibiotic* OR "anti-biotic" OR "anti-biotics" OR "anti biotic*")) AND ti=("Primary Health Care" OR "General Practitioner" OR "General Practice" OR "Primary Health Care" OR "General Practice" OR "General Practitioners" OR "Family Practice" OR "Family Physicians" OR "Primary HealthCare" OR "Primary Care" OR "General Practitioner" OR "Family Physician"))

OR ((ts=("inappropriate antibiotic" OR "inappropriate antibiotics") OR (ti=("inappropriate prescribing" OR "inappropriate prescribing" OR "inappropriate prescription" OR "inappropriate prescriptions" OR inappropriate prescri* OR "over prescribing" OR over prescri* OR "overprescribing" OR overprescri* OR "unnecessary prescribing" OR "unnecessary prescription" OR "unnecessary prescriptions" OR "inappropriate" OR inappropriat* OR "misprescription" OR "misprescriptions" OR misprescri* OR "mis prescription" OR "mis prescription*" OR "determinant" OR "determinants") AND ts=("Antibiotic Agent" OR "anti-bacterial agents" OR "anti-bacterial agent" OR "antibacterial agents" OR "antibacterial agent" OR "antibacterials" OR "antibiotic" OR "antibiotics" OR antibiotic* OR "anti-biotic" OR "anti-biotics" OR "anti biotic*")) AND ts=("Primary Health Care" OR "General Practitioner" OR "General Practice" OR "Primary Health Care" OR "General Practice" OR "General Practitioners" OR "Family Practice" OR "Family Physicians" OR "Primary HealthCare" OR "Primary Care" OR "General Practitioner" OR "Family Physician"))))

Cochrane

((("prescribing" OR "prescription" OR "prescriptions" OR prescri*):ti AND ("Antibiotic Agent" OR "anti-bacterial agents" OR "anti-bacterial agent" OR "antibacterial agents" OR "antibacterial agent" OR "antibacterials" OR "antibiotic" OR "antibiotics" OR antibiotic* OR "anti-biotic" OR "anti-biotics" OR "anti biotic*"):ti AND ("Primary Health Care" OR "General Practitioner" OR "General Practice" OR "Primary Health Care" OR "General Practice" OR "General Practitioners" OR "Family Practice" OR "Family Physicians" OR "Primary HealthCare" OR "Primary Care" OR "General Practitioner" OR "Family Physician"):ti AND ("prescription behavior" OR "prescribing behavior" OR "prescription behaviors" OR "prescribing behaviors" OR "prescription behaviour" OR "prescribing behaviour" OR "prescription behaviours" OR "prescribing behaviours" OR "reduced prescription" OR "reduced prescribing" OR "prescription rates" OR "prescription rate"):ti,ab,kw) **OR** ((("inappropriate antibiotic" OR "inappropriate antibiotics") OR ("inappropriate prescribing" OR "inappropriate prescribing" OR "inappropriate prescription" OR "inappropriate prescriptions" OR inappropriate prescri* OR "over prescribing" OR over prescri* OR "overprescribing" OR overprescri* OR "unnecessary prescribing" OR "unnecessary prescription" OR "unnecessary prescriptions" OR "inappropriate" OR inappropriat* OR "misprescription" OR "misprescriptions" OR misprescri* OR "mis prescription" OR "mis prescription*" OR "determinant" OR "determinants") AND ("Antibiotic Agent" OR "anti-bacterial agents" OR "anti-bacterial agent" OR "antibacterial agents" OR "antibacterial agent" OR

"antibacterials" OR "antibiotic" OR "antibiotics" OR antibiotic* OR "anti-biotic" OR "anti-biotics" OR "anti biotic*")) AND ("Primary Health Care" OR "General Practitioner" OR "General Practice" OR "Primary Health Care" OR "General Practice" OR "General Practitioners" OR "Family Practice" OR "Family Physicians" OR "Primary HealthCare" OR "Primary Care" OR "General Practitioner" OR "Family Physician")):ti,ab,kw)