

Identification

13,682 records identified through database searching
(PubMed/Ovid Medline: 2535 ; CNKI: 5,208 ; Wanfang: 3,916 ; VIP: 1,539; CBM: 484)

5,620 of records removed due to duplication of records and irrelevance to the topic

Screening

8,062 of records screened

6,922 of records excluded after screening of title/abstracts, with reasons
Not related to the topic: N = 5,849
Dissertations: N = 352
Review/news/case report studies: N = 378
Conferences articles: N = 221
Qualitative studies: N = 122

Eligibility

1,140 of full-text articles assessed for eligibility

729 of full-text articles excluded, with reasons
No relevant prevalence data reported: N = 489
Cross-border migrants: N = 149
Duplicated records based on the same data source: N = 87
Sample size of the study ≤ 30 : N = 3
No relevant study population: N = 1

Included

411 of studies included in quantitative synthesis (meta-analysis)
English: 31; Chinese: 380

Chlamydia: N = 9; n = 10
Genital warts: N = 6; n = 6
Gonorrhea: N = 14; n = 15
HBV: N = 43; n = 65
HCV: N = 58; n = 71
HIV: N = 345; n = 401
HPV: N = 4; n = 4
HSV: N = 10; n = 11
Syphilis: N = 138; n = 166