Studies from databases/registers **(n = 50240)**

Citation searching (n = 50240)

References from other sources **(n = 0)**

Citation searching (n = 0)

Grey literature (n = 0)

**Identification**

Included studies ongoing **(n = 0)**

Studies awaiting classification **(n = 0)**

Studies included in review **(n = 8)**

Studies excluded **(n = 6892)**

Studies not retrieved **(n = 0)**

Studies assessed for eligibility **(n = 156)**

Studies sought for retrieval **(n = 156)**

Studies screened **(n = 7048)**

Studies excluded **(n = 148)**

Abstract (n = 42)

Animal study (n = 1)

Wrong outcomes (n = 13)

Wrong intervention (n = 20)

Wrong study design (n = 62)

Paediatric population (n = 4)

Wrong patient population (n = 6)

References removed **(n = 4795)**

Duplicates identified manually (n = 13)

Duplicates identified by Covidence (n = 4782)

Marked as ineligible by automation tools (n = 0)

Other reasons (n =0 )

**Screening**

**Included**