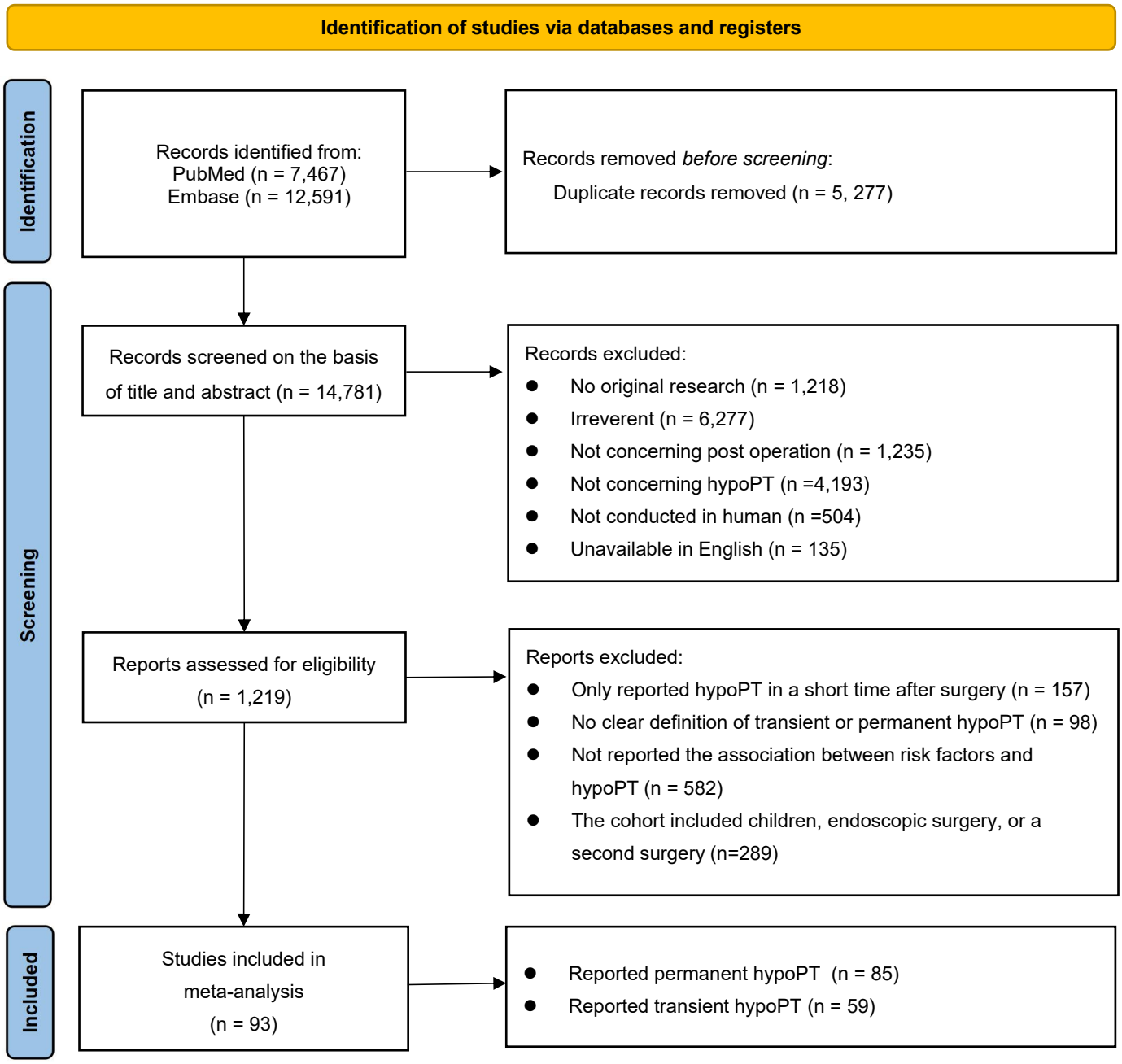

Identification of studies via databases and registers
Identification
Records identified from:
PubMed (n = 7,467)
Embase (n = 12,591)
Records removed *before screening*:
Duplicate records removed (n = 5, 277)
Screening
Records screened on the basis of title and abstract (n = 14,781)
Records excluded:
No original research (n = 1,218)
Irreverent (n = 6,277)
Not concerning post operation (n = 1,235)
Not concerning hypoPT (n =4,193)
Not conducted in human (n =504)
Unavailable in English (n = 135)
Reports assessed for eligibility (n = 1,219)
Reports excluded:
Only reported hypoPT in a short time after surgery (n = 157)
No clear definition of transient or permanent hypoPT (n = 98)
Not reported the association between risk factors and hypoPT (n = 582)
The cohort included children, endoscopic surgery, or a second surgery (n=289)
Included
Studies included in meta-analysis (n = 93)
Reported permanent hypoPT (n = 85)
Reported transient hypoPT (n = 59)