

Annexure A. Search strategy (PubMed)

Concept	String	Hits
Barriers#1	((((Barriers[Title/Abstract])OR (challenges[Title/Abstract])) OR (Hindrances[Title/Abstract]))OR (Challenges[Title/Abstract]))OR (Limitations[Title/Abstract])) OR (Constraints[Title/Abstract]))OR(Difficulties[Title/Abstract])	<u>1,466,667</u>
HPV#2	("HumanPapillomavirusViruses"[Mesh] OR "PapillomavirusVaccines"[Mesh])OR (HPV[Title/Abstract])	<u>61,767</u>
Population#3	((("Adolescent"[Mesh])OR "Adolescent Health"[Mesh]) OR "Adolescent HealthServices"[Mesh])OR(("Parents"[Mesh])OR "Mothers"[Mesh])	<u>2,447,489</u>
India#4	"India"[Mesh]	<u>128,483</u>
#1AND#2AND #3AND #4	(((((((Barriers[Title/Abstract]) OR (challenges[Title/Abstract])) OR (Hindrances[Title/Abstract])) OR (Challenges[Title/Abstract])) OR (Limitations[Title/Abstract])) OR (Constraints[Title/Abstract])) OR (Difficulties[Title/Abstract]))AND (((("Human PapillomavirusViruses"[Mesh])OR "PapillomavirusVaccines"[Mesh])OR (HPV[Title/Abstract]))AND(("Adolescent"[Mesh])OR "AdolescentHealth"[Mesh]) OR "Adolescent Health Services"[Mesh])) OR(("Parents"[Mesh]) OR "Mothers"[Mesh]))AND("India"[Mesh])AND (2008:2025[pdat]))	<u>175</u>

Search as on October 28, 2024, to Jan 15, 2025

Annexure B. Data charting form

Items	Information
Title of study	
Author	
Publication year	
DOI	
Journal	
Aim	
Study setting	
Study population	
Study design	
Objectives of the study	
HPV vaccination uptake & awareness	
Barriers to HPV vaccination	
Facilitators & recommendations	
HPV prevalence & impact of vaccination	
SEM level	
Conclusion	
Most relevant findings	
Any comments	