

## Search strategy for MEDLINE

#	Query	Limiters/Expanders
S17	S3 AND S8 AND S15 AND S16	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S16	AB review OR TI review	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S15	S13 OR S14	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S14	S9 OR S10 OR S11 OR S12	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S13	Involv* OR "advisory group*" OR "research advisory group" OR "research advisory panel*" OR "advisory panel" OR "advisory committee*" OR "advisory board*" OR "youth engagement" OR "patient and public involvement" OR "public and patient involvement" OR "public patient involvement" OR "community based participatory research" OR "youth particip*" OR "adolescent engagement" OR "participatory design" OR "participatory action" OR "needs assessment*" OR "co produc*" OR "co design" OR "Human centered design" OR "Human centred design" OR "User centered design" OR "User centred design" OR "user involvement" OR "peer researcher*" OR "co researcher*" OR "Patient Participation" OR "young researcher*" OR "lived experience"	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S12	(MM "Community Participation+")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S11	(MM "Community-Based Participatory Research+")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S10	(MM "Patient Participation")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S9	(MM "Stakeholder Participation+")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S8	S4 OR S7	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S7	S5 OR S6	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S6	(MM "Young Adult")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S5	(MM "Adolescent")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase

S4	AB (child* OR youth OR adolescen* OR "young people" OR "Young person*" OR "Young adult*" OR teen* OR juven* ) OR TI ( child* OR youth OR adolescen* OR "young people" OR "Young person*" OR "Young adult*" OR teen* OR juven* )	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S3	S1 OR S2	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S2	AB "health research" OR TI "health research"	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S1	(MM "Health Services Research+")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase