## Appendix 1 – Search strategy (MEDLINE, CINAHL, Global Health, Cochrane)

Objective 1- HSV-2 control measures

Database: MEDLIN	IE	
Date searched: 01	/08/2020	
Search number	Search terms	Number of results
S10	S3 AND S6 AND S9	211
S9	S7 OR S8	289,280
S8	(MH "Developing Countries")	74,612
S7	"developing countr*" OR "low income countr*" OR	289,280
	LIC OR LMIC OR "low to middle income countr*"	
	OR "low-to-middle income countr*" OR "low-	
	tomiddle income" OR "low to middle income" OR	
	"low income" OR "middle income" OR "least	
	developed countr*" OR "less developed countr*"	
	OR "under developed countr*" OR "under	
	developed nation*" OR "poor countr*" OR "third	
	world countr*" OR "third world nation*" OR "least	
	developed nation*" OR "less developed nation*"	
	OR "global south" OR "sub-Sah	
S6	S4 OR S5	2,412,767
S5	(MH "Primary Prevention+") OR (MH "Secondary	490,269
	Prevention") OR (MH "Tertiary Prevention") OR	
	(MH "Vaccines+") OR (MH "Case	
	Management")OR (MH "Antiviral Agents+") OR	
	(MH "Acyclovir+") OR (MH "Condoms")	
S4	"control measure" OR "preventive measure" OR	2,203,422
	"intervention" OR "benefit" OR "protection genital	
	herpes" OR "condom" OR "vaccine" OR "case	
	management" OR "Episodic therapy" OR	
	"suppressive therapy" OR "Antiviral drugs" OR	
	"Aciclovir* OR "acyclovir resistance" OR	
	"resistance" OR "behavioural interventions" OR	
	"suppressive"	
S3	S1 OR S2	81,850
S2	(MH "Herpes Genitalis") OR (MH "Herpesvirus 2,	25,607
	Human") OR (MH "Herpes Simplex+") OR (MH	
	"Herpes Labialis")	

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S1	"HSV-2" OR "genital herpes" OR "herpes" OR	79,564
51		73,304
	"herpes genitalis" OR "herpes simplex 2" OR	
	"human simplex virus 2" OR "herpes virus 2"	

Database: CINAHL	Database: CINAHL			
Date searched: 01/08/2020				
Search number	Search terms	Number of results		
S10	S3 AND S6 AND S9	82		
S9	S7 OR S8	82,345		
S8	(MH "Developing Countries")	19,539		
S7	"developing countr*" OR "low income countr*" OR	82,345		
	LIC OR LMIC OR "low to middle income countr*"			
	OR "low-to-middle income countr*" OR "low-			
	tomiddle income" OR "low to middle income" OR			
	"low income" OR "middle income" OR "least			
	developed countr*" OR "less developed countr*"			
	OR "under developed countr*" OR "under			
	developed nation*" OR "poor countr*" OR "third			
	world countr*" OR "third world nation*" OR "least			
	developed nation*" OR "less developed nation*"			
	OR "global south" OR "sub-Sahharan Africa" OR			
	"Asia" OR "South America"			
S6	S4 OR S5	676,146		
S5	(MH "Preventive") OR (MH "Vaccines+") OR (MH	122,709		
	"Case Management") OR (MH "Antiviral Agents+")			
	OR (MH "Acyclovir+") OR (MH "Condoms+")			
S4	"control measure" OR "preventive measure" OR	636,087		
	"intervention" OR "benefit" OR "protection genital			
	herpes" OR "condom" OR "vaccine" OR "case			
	management" OR "Episodic therapy" OR			
	"suppressive therapy" OR "Antiviral drugs" OR			
	"Aciclovir* OR "acyclovir resistance" OR			
	"resistance" OR "behavioural interventions" OR			
	"suppressive"			
S3	S1 OR S2	15,035		
S2	(MH "Herpesviruses+") OR (MH "Herpes	7,177		
	Genitalis")			

S1	"HSV-2" OR "genital herpes" OR "herpes" OR	11,345
	"herpes genitalis" OR "herpes simplex 2" OR	
	"human simplex virus 2" OR "herpes virus 2"	

Database: Global Health			
Date searched: 01/08/2020			
Search number	Search terms	Number of results	
S10	S3 AND S6 AND S9	623	
S9	S7 OR S8	855,928	
S8	DE "Developing Countries" OR DE "Least	843,726	
	Developed Countries"		
S7	"developing countr*" OR "low income countr*" OR	855,682	
	LIC OR LMIC OR "low to middle income countr*"		
	OR "low-to-middle income countr*" OR "low-		
	tomiddle income" OR "low to middle income" OR		
	"low income" OR "middle income" OR "least		
	developed countr*" OR "less developed countr*"		
	OR "under developed countr*" OR "under		
	developed nation*" OR "poor countr*" OR "third		
	world countr*" OR "third world nation*" OR "least		
	developed nation*" OR "less developed nation*"		
	OR "global south" OR "sub-Sahharan Africa" OR		
	"Asia" OR "South America"		
S6	S4 OR S5	582,283	
S5	DE "prevention" OR "vaccines" OR DE "antiviral	157,308	
	agents" OR DE "condoms"		
S4	"control measure" OR "preventive measure" OR	513,792	
	"intervention" OR "benefit" OR "protection genital		
	herpes" OR "condom" OR "vaccine" OR "case		
	management" OR "Episodic therapy" OR		
	"suppressive therapy" OR "Antiviral drugs" OR		
	"Aciclovir* OR "acyclovir resistance" OR		
	"resistance" OR "behavioural interventions" OR		
	"suppressive"		
S3	S1 OR S2	14,030	
S2	DE "Human herpesvirus 2" OR DE "herpes	7,710	
	simplex viruses"		
S1	"HSV-2" OR "genital herpes" OR "herpes" OR	13,869	
	"herpes genitalis" OR "herpes simplex 2" OR		
	"human simplex virus 2" OR "herpes virus 2"		

Search number	Search terms	Number of results
510	S3 AND S6 AND S9	44
9	S7 OR S8	20,419
3	[Developing Countries]	835
7	"developing countr*" OR "low income countr*" OR	20,419
	LIC OR LMIC OR "low to middle income countr*"	,
	OR "low-to-middle income countr*" OR "low-	
	tomiddle income" OR "low to middle income" OR	
tabase: MEDLIN	<b>E</b> "low income" OR "middle income" OR "least	
e searched: 01/	08/3920 loped countr*" OR "less developed countr*"	
arch number	Searchder us veloped countr*" OR "under	Number of results
6	ຢຍົງຢູ່ສູງອຣ໌ປະໃສ່ຊີວ່ກອກປີ R "poor countr*" OR "third	318
	Worite Soutang High Ponty reast	402
1	୫∄veNpeanathbh*SûR "less developed nation*"	639
3	(DAR+"ghitagan soust!)) "OBR(Nahdu" (Salyumaan a Athatan OR	10,037,490
	restatoon Com (MHA freelicutture techniques") OR	
3	(∰Hoʻjaesglogic tests*") OR (MH "serology") OR	385,322
	(Mhiniannereorense))OR (Viaetines OBR viewstic	23,991
	Matiagentent OR [Annid any ontig cont AOR lovir]	
	ருஷற்ற குதுக்ற "point of care test*" OR NAAT OR	
	*Undernessarenderaggeventverressreder	375,679
	"Relyvanase" or intraction Reimerunges and	
	ARpetituter OBARISHOSO REVERTING *OR "case	
	(Mathageneeneringreeneptsiesid ABrapyethering	288,482
	suppressere therap on the sentences of t	
	"lawychovnyiddle inacoyate"viples"lowaniaconoe" OR	
	"middlarideoor @Brilfastudavateredaadaator	
	"มีระดาศาสตร์ countr*" OR "under developed	
	squoter"S2R "under developed nation*" OR "poor	1705
	Members Simplexy over Acoversiting 2, "Hurd any or	858
	nation*" OR "less	
1	In the second se	1457
	Sabates of the ais of the particular sector of	
	(MH "Herpes Simplex+") OR (MH "Herpes2"	81,907
	Labialis") OR	
	(MH "Herpes Genitalis") OR	
	(MH "Herpesvirus 2, Human") OR "herpes virus 2"	
	OR "human simplex virus 2" OR "herpes simplex	
	2" OR "herpes genitalis" OR herpes OR "genital	
	herpes" OR HSV-2	

Database: CINAHL			
Date searched: 01/08/2020	Date searched: 01/08/2020		
Search number	Search terms	Number of results	
S6	Limiters- full text only	109	
S5	Limiters- English only, post year 2000	116	
S4	S1 AND S2 AND S3	125	
S3	(MH "diagnosis") OR (MH "polymerase	2,179,651	
	chain reaction") OR (MH "laboratory		
	diagnosis") OR diagnos* OR "diagnostic		
	test*" OR test* OR "rapid diagnostic test*"		
	OR "rapid test*" OR "point of care test*"		
	OR NAAT OR "Nucleic Acid Amplification		
	Test" OR PCR OR "Polymerase chain		
	reaction" OR immunoassay OR culture OR		
	serolog* OR antibod*		
S2	(MH "developing countries") OR (MH "low	82,099	
	and middle income countries") OR		
	"developing countr*" OR LMIC OR "low-to-		
	middle income" OR "low to middle income"		
	OR "low income" OR "middle income"OR		
	"IEast developed countr*" OR "less		
	developed countr*" OR "under developed		
	countr*" OR "under developed nation*" OR		
	"poor countr*" OR "third world countr*" OR		
	"third world nation*" OR "IEast developed		
	nation*" OR "less developed nation*" OR		
	"global South" OR "sub-Saharan Africa"		
	OR Asia OR "South America"		
S1	(MH "herpesviruses") OR	12,567	
	(MH "Herpes Genitalis") OR (MH "herpes		
	simplex") OR "herpes virus 2" OR "human		
	simplex virus 2" OR "herpes simplex 2"		
	OR "herpes genitalis" OR herpes OR		
	"genital herpes" OR HSV-2		

Database: Global Health			
Date searched: 01/08/2020			
Search number	Search terms	Number of results	
S6	Limiters- full text only	1,167	
S5	Limiters- English only, post year 2000	2,047	
S4	S1 AND S2 AND S3	2,350	
S3	(DE "diagnosis") OR (DE "laboratory	1,100,893	
	diagnosis") OR (DE		
	"immunodiagnosis") OR diagnos* OR		
	"diagnostic test*" OR test* OR "rapid		
	diagnostic test*" OR "rapid test*" OR		
	"point of care test*" OR NAAT OR		
	"Nucleic Acid Amplification Test" OR		
	PCR OR "Polymerase chain reaction"		
	OR immunoassay OR culture OR		
	serolog* OR antibod*		
S2	(DE "developing countries") OR (DE	969,847	
	"IEast developed countries") OR (DE		
	"SADC Countries") OR "developing		
	countr*" OR LMIC OR "low-to-middle		
	income" OR "low to middle income"		
	OR "low income" OR "middle		
	income"OR "IEast developed countr*"		
	OR "less developed countr*" OR		
	"under developed countr*" OR "under		
	developed nation*" OR "poor countr*"		
	OR "third world countr*" OR "third		
	world nation*" OR "IEast developed		
	nation*" OR "less developed nation*"		
	OR "global South" OR "sub-Saharan		
	Africa" OR Asia OR "South America"		
S1	(DE "human herpesvirus 2") OR	13,918	
-	(DE "Herpes Simplex Viruses") OR	-,	
	"herpes virus 2" OR "human simplex		
	virus 2" OR "herpes simplex 2" OR		
	"herpes genitalis" OR herpes OR		
	"genital herpes" OR HSV-2		
	genna helper ertriet E		

Database: Cochrane Libra	ry		
Date searched: 01/08/2020			
Search number	Search terms	Number of results	
56	Limiters- full text only	7	
S5	Limiters- English only, post year	7	
	2000		
54	S1 AND S2 AND S3	7	
33	(MH "diagnosis") OR diagnos* OR	437,893	
	"diagnostic test*" OR test* OR		
	"rapid diagnostic test*" OR "rapid		
	test*" OR "point of care test*" OR		
	NAAT OR "Nucleic Acid		
	Amplification Test" OR PCR OR		
	"Polymerase chain reaction" OR		
	immunoassay OR culture OR		
Database: MEDLINE	serolog* OR antibod*		
Date searched: 02/08/2020	(MH "developing countries") OR	6,192	
Search number	Search terms "developing countr*" OR LMIC OR	Number of results	
6	Limiters- full text only	129	
5	Limiters- English only, post year 2000 middle income" OR "low income" S1 AND S2 AND S3	130	
34	S1 AND S2 AND S3	172	
3	OR "middle income"OR "lEast (MH "biological models") OR (MH developed countr*" OR "less	4,951,333	
	developed countr*" OR (MHess developed negative) OR (MHess developed negative) OR "under		
	difantellopeticar models") OK under		
	OR dispesenation "OR "statistical		
	CEVEROPERCITATION OR COMPERCITATION		
	Even third world nation*" OR "IEast		
32	(MH "developing countries") OR developed nation " OR "less	288,482	
	"developed nation" OR less		
	"developing countr*" OR LMIC OR developed nation*" OR "global "low-to-middle income" OR "low to		
	South" OR "sub-Saharan Africa" middle income" OR "low income" OR		
	OR Asia OR "South America" "middle income OR "least developed		
1	CAMPTILIAN CONSTRUCTION CONTRACTION CONTRACTICO CONTRACTIC	4,288	
	ଔ <b>ଢ଼</b> ୩ <mark>୭୶ଶ</mark> ୶୲ଖ୶ଢ଼୶ୖ୶ଡ଼ଢ଼ୖୖୖୖୖୖୖୖୖୖ ୯ ଆଧାର୍ମାଶୀଠR		
	sindeledevielooped Officititerobes poor		
	samptex 2R Chridheades gentita ar		
	"创税中的增加。"genital Flastpes"		
	developed nation*" OR "less OR HSV-2 developed nation*" OR "global South"		
	developed nation*" OR "global South" OR "sub-Saharan Africa" OR Asia OR		
	UN SUD-Saharah Allica UK Asia UK		

S1	(MH "Herpes Simplex+") OR (MH	81,907
	"Herpes Labialis") OR	
	(MH "Herpes Genitalis") OR	
	(MH "Herpesvirus 2, Human") OR	
	"herpes virus 2" OR "human simplex	
	virus 2" OR "herpes simplex 2" OR	
	"herpes genitalis" OR herpes OR	
	"genital herpes" OR HSV-2	

Database: CINAHL	Database: CINAHL			
Date searched: 02/08/2020				
Search number	Search terms	Number of results		
S6	Limiters- full text only	27		
S5	Limiters- English only, post year 2000	29		
S4	S1 AND S2 AND S3	30		
S3	(MH "biological models") OR (MG	946,209		
	"statistical models") OR "mathematical			
	model*" OR model* OR "disease			
	model*" OR "statistical model*" OR			
	"vaccin* model*" OR predict*			
S2	(MH "developing countries") OR (MH	82,099		
	"low and middle income countries")			
	OR "developing countr*" OR LMIC OR			
	"low-to-middle income" OR "low to			
	middle income" OR "low income" OR			
	"middle income"OR "IEast developed			
	countr*" OR "less developed countr*"			
	OR "under developed countr*" OR			
	"under developed nation*" OR "poor			
	countr*" OR "third world countr*" OR			
	"third world nation*" OR "IEast			
	developed nation*" OR "less			
	developed nation*" OR "global South"			
	OR "sub-Saharan Africa" OR Asia OR			
	"South America"			
S1	(MH "herpesviruses") OR	12,567		
	(MH "Herpes Genitalis") OR (MH			
	"herpes simplex") OR "herpes virus 2"			
	OR "human simplex virus 2" OR			
	"herpes simplex 2" OR "herpes			
	genitalis" OR herpes OR "genital			
	herpes" OR HSV-2			
L				

Database: Global Health			
Date searched: 02/08/2020			
Search number	Search terms	Number of results	
S6	Limiters- full text only	495	
S5	Limiters- English only, post year 2000	495	
S4	S1 AND S2 AND S3	523	
S3	(DE "mathematical models") OR	814,970	
	d"mathematical model*" OR model*		
	OR "disease model*" OR "statistical		
	model*" OR "vaccin* model*" OR		
	predict*		
S2	(DE "developing countries") OR (DE	969,847	
	"IEast developed countries") OR (DE		
	"SADC Countries") OR "developing		
	countr*" OR LMIC OR "low-to-middle		
	income" OR "low to middle income"		
	OR "low income" OR "middle		
	income"OR "IEast developed countr*"		
	OR "less developed countr*" OR		
	"under developed countr*" OR "under		
	developed nation*" OR "poor countr*"		
	OR "third world countr*" OR "third		
	world nation*" OR "IEast developed		
	nation*" OR "less developed nation*"		
	OR "global South" OR "sub-Saharan		
	Africa" OR Asia OR "South America"		
S1	(DE "human herpesvirus 2") OR	13,918	
	(DE "Herpes Simplex Viruses") OR		
	"herpes virus 2" OR "human simplex		
	virus 2" OR "herpes simplex 2" OR		
	"herpes genitalis" OR herpes OR		
	"genital herpes" OR HSV-2		

Database: Cochrane Library Date searched: 02/08/2020		
S6	Limiters- full text only	2
S5	Limiters- English only, post year 2000	2
S4	S1 AND S2 AND S3	2
S3	(MH "biological models") OR (MG	112,680
	"statistical models") OR	
	"mathematical model*" OR model*	
	OR "disease model*" OR "statistical	
	model*" OR "vaccin* model*" OR	
	predict*	
S2	(MH "developing countries") OR	6,192
	"developing countr*" OR LMIC OR	
	"low-to-middle income" OR "low to	
	middle income" OR "low income" OR	
	"middle income"OR "IEast developed	
	countr*" OR "less developed countr*"	
	OR "under developed countr*" OR	
	"under developed nation*" OR "poor	
	countr*" OR "third world countr*" OR	
	"third world nation*" OR "IEast	
	developed nation*" OR "less	
	developed nation*" OR "global South"	
	OR "sub-Saharan Africa" OR Asia OR	
	"South America"	
S1	(MH "human herpes virus 2") OR	4,286
	"herpes virus 2" OR "human simplex	
	virus 2" OR "herpes simplex 2" OR	
	"herpes genitalis" OR herpes OR	
	"genital herpes" OR HSV-2	