

Table SI. Systematic literature review search strategies

No.	Query	Facet	Hits
Search strategy conducted on 29 November 2017 for Embase® and MEDLINE® using Embase® platform			
#1	'actinic keratosis'/syn OR 'solar keratosis'/syn OR 'senile keratosis'/syn OR 'actinic keratoses' OR 'solar keratoses' OR 'senile keratoses' OR 'keratoma senile' OR 'keratosis senilis'/syn OR 'actinic cheilitis'/syn OR 'senile hyperkeratosis'	Disease	7,429
#2	'clinical trial'/exp OR 'randomization'/de OR 'controlled study'/de OR 'comparative study'/de OR 'single blind procedure'/de OR 'double blind procedure'/de OR 'crossover procedure'/de OR 'placebo'/de OR 'clinical trial' OR 'clinical trials' OR 'controlled clinical trial' OR 'controlled clinical trials' OR 'randomised controlled trial' OR 'randomized controlled trial' OR 'randomised controlled trials' OR 'randomized controlled trials' OR 'randomisation' OR 'randomization' OR 'random*' OR 'rct' OR 'random allocation' OR 'random assignment' OR 'randomly allocated' OR 'randomly assigned' OR 'allocated randomly' OR 'assigned randomly' OR (allocated NEAR/2 random) OR (assign* NEAR/2 random*) OR ((single OR double OR triple OR treble) NEAR/1 (blind* OR mask*)) OR placebo* OR 'prospective study'/de	RCTs	7,961,804
#3	#1 AND #2	Combined facet with limits	2,600
#4	#3 AND ([conference review]/lim OR [editorial]/lim OR [letter]/lim OR [note]/lim OR [review]/lim)		623
#5	#3 AND [animals]/lim NOT ([humans]/lim AND [animals]/lim)		74
#6	#4 OR #5		693
#7	#3 NOT #6		1,907
Search strategy conducted on 29 November 2017 using COCHRANE platform			
#1	MeSH descriptor: [Keratoses, Actinic] explode all trees		153
#2	'solar keratosis' or 'solar keratoses'		28
#3	(Keratos*):ti,ab,kw		666
#4	'Senile keratosis' or 'Senile keratoses' or 'keratoma senile' or 'senilis keratoma' or 'senile hyperkeratosis'		1
#5	'actinic cheilitis'		14
#6	'Actinic*':ti,ab,kw		594
#7	#1 or #2 or #3 or #4 or #5 or #6		737
#8	#7, in Trials	Final numbers	704
Search strategy conducted on 29 November 2017 using MEDLINE platform			
#1	'Actinic Keratosis'	Disease	3,710
#2	'solar keratosis' or 'solar keratoses'		384
#3	'Senile keratosis' or 'Senile keratoses' or 'keratoma senile' or 'senilis keratoma' or 'senile hyperkeratosis'		3,421
#4	'actinic cheilitis'		265
#5	Actinic*[Title/Abstract]		5,436
#7	#1 or #2 or #3 or #4 or #5		6,409
#8	#7 AND (inprocess[sb] OR pubstatusaheadofprint)	Final numbers	246

RCT: randomized controlled trial.