

Van Ooij et al. Supplementary Table 1: Search strategy for systematic review

	<i>PUBMED/MEDLINE</i>	
#1	"Transgender Persons"[Mesh] OR Transgender*[tiab] OR transgender*	16,902
#2	"Hormones"[Mesh] OR "Hormones" [Pharmacological Action] OR "Hormones, Hormone Substitutes, and Hormone Antagonists"[Mesh] OR "Surgical Procedures, Operative"[Mesh] OR hormon*[tiab] OR operat*[tiab]	6,308,722
#3	(("drug"[All Fields]) OR ("alcohol"[All Fields])) OR ("medication"[All Fields])	7,296,331
#4	("endocrine"[All Fields]) OR ("diabetes"[All Fields])	1,140,423
#5	#1 AND (#2 OR #3 OR #4)	5,988
#6	("Meta-Analysis as Topic"[MeSH Terms] OR "Meta-Analysis" OR meta-anal*[tiab]) OR ("Systematic Reviews as Topic"[Mesh] OR "Systematic Review" [Publication Type] OR systematic*[tiab])	973,865
#7	#5 AND #6	386
#8	"Adolescent"[MeSH] OR "Child"[MeSH] OR "Infant"[MeSH] OR adolescen*[tiab] OR child*[tiab] OR schoolchild*[tiab] OR infant*[tiab] OR girl*[tiab] OR teen[tiab] OR teens[tiab] OR teenager*[tiab] OR youth*[tiab] OR pediatr*[tiab] OR paediatr*[tiab] OR puber*[tiab] NOT ("Adult"[MeSH] OR adult*[tiab] OR man[tiab] OR men[tiab] OR woman[tiab] OR women[tiab]) OR boy[tiab]	2,559,713
#9	#7 NOT #8	358
#10	(English[LA]) AND (2000/1/1:2024/12/31[pdat])	23,364,247
#11	#9 AND #10	349
	<i>Total hits PUBMED/MEDLINE</i>	<i>349</i>

	<i>WEB OF SCIENCE</i>	
#1	ALL=((transgender*))	29,736
#2	(ALL=(hormon*)) OR ALL=(surg*)	5,931,189
#3	((ALL=(drug*)) OR ALL=(alcohol*)) OR ALL=(medication*)	4,141,064
#4	(ALL=(endocrin*)) OR ALL=(diabeti*)	1,306,444
#5	(TS=(*health*)) OR TS=(*risk*)	8,624,493
#6	#2 OR #3 OR #4	10,454,264
#7	#1 AND #6 AND #5	6,158
#8	ALL=(meta-analysis*)	348,627
#9	(ALL=(systematic*)) AND ALL=(review*)	687,202
#10	#8 OR #9	837,388

#11	#7 AND #10	381
#12	ALL=(adult*)	2,484,972
#13	#11 AND #12	84
	<i>Total hits WEB OF SCIENCE</i>	84

	<i>EMBASE</i>	
#1	exp "transgender and gender nonbinary"/ or exp transgender/ or transgender*.mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword heading word, floating subheading word, candidate term word]	23,923
#2	hormone.mp. or exp hormone/ or hormon*.mp. or surgery/ or operation*.mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword heading word, floating subheading word, candidate term word]	2,776,698
#3	(drug abuse or drug misuse or (Drug addict or Illicit Drugs) or (alcohol or alcohol abuse) or Medication abuse).mp.	817,513
#4	(endocrine disease or Endocrine or (diabetes or diabetic or diabets) or Diabetes Mellitus).mp.	1,954,264
#5	2 or 3 or 4	5,166,281
#6	1 and 5	7,188
#7	health risk.mp. or exp health hazard/ or health*.mp. or risk*.mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword heading word, floating subheading word, candidate term word]	11,158,174
#8	6 and 7	4,946
#10	meta-analysis.mp. or exp meta analysis/	482,919
#11	systematic review.mp. or exp "systematic review"/ or (systematic* and review*).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword heading word, floating subheading word, candidate term word]	753,695
#12	9 or 10	931,993
#13	adult.mp. or exp adult/ or adult*.mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword heading word, floating subheading word, candidate term word]	12,576,928
#14	12 and 13	176
#15	limit 14 to yr="2000 - 2024"	168
	<i>Total hits EMBASE</i>	168