

Calvert, B.*, Homer, C., Bar-Zeev, S., Ferguson, A. & Scarf, V. A scoping review mapping economic evaluations of midwifery service provision and the midwifery workforce

Applied Health Economics and Health Policy. *boe.calvert@student.uts.edu.au

File S1. Complete search terms and results by database

CINAHL 20 May 2024

Search ID	Search terms	Results
S1	TI midwi* OR AB midwi*	34036
S2	(MH "Midwives+")	17006
S3	(MH "Midwifery+")	21675
S4	(MH "Nurse Midwifery")	2597
S5	(MH "Midwifery Service+")	2228
S6	(MH "Education, Midwifery")	3847
S7	(MH "Education, Nurse Midwifery")	696
S8	(MH "Students, Midwifery")	2593
S9	(MH "Students, Nurse Midwifery")	70
S10	S1 OR S2 OR S3 OR S4 OR S5 OR S6 OR S7 OR S8 OR S9	52689
S11	(MH "Costs and Cost Analysis+")	135985
S12	(MH "Resource Allocation+")	13474
S13	TI investment N2 case	66
S14	TI return* N2 invest*	435
S15	TI cost*	63566
S16	TI (cost* N1 effect* OR cost* N1 assess* OR cost* N1 evaluat* OR cost* N1 analy* OR cost* N1 model* OR cost* N1 benefit* OR cost* N1 utilit* OR cost* N1 outcome*) OR AB (cost* N1 effect* OR cost* N1 assess* OR cost* N1 evaluat* OR cost* N1 analy* OR cost* N1 model* OR cost* N1 benefit* OR cost* N1 utilit* OR cost* N1 outcome*)	67685
S17	TI (economic* N1 evaluat* OR economic* N1 assess* OR economic* N1 analy* OR economic* N1 model* OR economic* N1 benefit* OR economic* N1 cost*) OR AB (economic* N1 evaluat* OR economic* N1 assess* OR economic* N1 analy* OR economic* N1 model* OR economic* N1 benefit* OR economic* N1 cost*)	15346
S18	TI financ*	13838
S19	S11 OR S12 OR S13 OR S14 OR S15 OR S16 OR S17 OR S18	217699
S20	S10 AND S19	1004
S21	S10 AND S20 (publication date 20030101-20241231)	848
Total papers sourced		848
Duplicates removed in Endnote		31
Ineligible study removed in Endnote (periodical/magazine publications)		191
Uploaded to Covidence		626

Duplicates removed	9
Papers for screening	617

EMBASE 20 May 2024

Search ID	Search terms	Results
S1	midwi*.ti,ab.	34249
S2	exp midwife/	36959
S3	midwifery education/	693
S4	midwifery student/	525
S5	nurse midwife/	7351
S6	nurse midwifery education/	63
S7	S1 or S2 or S3 or S4 or S5 or S6	47610
S8	exp economic evaluation/	368232
S9	exp "health care cost"/	352831
S10	(investment adj2 case).ti.	87
S11	(return* adj2 invest*).ti.	708
S12	cost*.ti.	200851
S13	(cost* adj1 (effective* or assess* or evaluat* or analy* or model* or benefit* or utilit* or outcome*)).ti,ab.	290643
S14	(economic* adj1 (evaluat* or assess* or analy* or model* or benefit* or cost*)).ti,ab.	51012
S15	financ*.ti.	27117
S16	S8 or S9 or S10 or S11 or S12 or S13 or S14 or S15	846178
S17	S7 and S16	1452
S18	limit S18 to yr="2003-Current"	1202
Total papers sourced		1202
Duplicates removed in Endone		17
Ineligible study removed in Endnote (periodical/magazine publications)		47
Uploaded to Covidence		1138
Duplicates removed		256
Papers for screening		882

NHS EED 21 May 2024

S1	Midwife OR Midwives OR Midwifery	40
S2	S1=2003-2024 (2003-2014)	29
Total papers sourced		29
Duplicates removed in Endone		0
Ineligible study removed in Endnote (periodical/magazine/conference)		0
Uploaded to Covidence		29
Duplicates removed		0

Papers for screening	29
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MEDLINE 20 May 2024

Search ID	Search terms	Results
S1	Midwifery/	21746
S2	Nurse Midwives/	7605
S3	midwi*.ti,ab.	29838
S4	S1 or S2 or S3	41171
S5	exp "costs and cost analysis"/	270498
S6	economics, hospital/ or economics, medical/ or economics, nursing/	24262
S7	Health Care Rationing/	12122
S8	Investments/	10013
S9	(investment adj2 case).ti.	74
S10	(return* adj2 invest*).ti.	561
S11	cost*.ti.	148296
S12	finance*.ti.	23944
S13	(cost* adj1 (effect* or assess* or evaluat* or analy* or model* or benefit* or utilit* or outcome*)).ti,ab.	210821
S14	(economic* adj1 (evaluat* or assess* or analy* or model* or benefit* or cost*)).ti,ab.	43773
S15	S5 or S6 or S7 or S8 or S9 or S10 or S11 or S12 or S13 or S14 or S15	532015
S16	S4 and S16	962
S17	Limit S17 to yr="2003-Current"	628
Total papers sourced		628
Duplicates removed in Endone		1
Ineligible study removed in Endnote (periodical/magazine publications)		90
Uploaded to Covidence		537
Duplicates removed in Covidence		450
Papers for screening		87

PsychINFO 20 May 2024

Search ID	Search terms	Results
S1	TI midwi* OR AB midwi*	3946
S2	DE "Midwifery"	2243
S3	S1 OR S2	4351
S4	TI investment N2 case	31
S5	TI return* N2 invest*	225
S6	TI cost*	17673
S7	TI financ*	9311

S8	TI (cost* N1 effect* OR cost* N1 assess* OR cost* N1 evaluat* OR cost* N1 analy* OR cost* N1 model* OR cost* N1 benefit* OR cost* N1 outcome* OR cost* N1 utilit*)	5144
S9	AB (cost* N1 effect* OR cost* N1 assess* OR cost* N1 evaluat* OR cost* N1 analy* OR cost* N1 model* OR cost* N1 benefit* OR cost* N1 outcome* OR cost* N1 utilit*)	30167
S10	TI (economic* N1 evaluat* OR economic* N1 assess* OR economic* N1 analy* OR economic* N1 model* OR economic* N1 benefit* OR economic* N1 cost*)	1846
S11	AB (economic* N1 evaluat* OR economic* N1 assess* OR economic* N1 analy* OR economic* N1 model* OR economic* N1 benefit* OR economic* N1 cost*)	8926
S12	DE "Costs and Cost Analysis" OR DE "Budgets" OR DE "Cost Containment" OR DE "Health Care Costs" OR DE "Money"	39199
S13	DE "Health Care Economics"	1275
S14	DE "Resource Allocation"	4300
S15	S4 OR S5 OR S6 OR S7 OR S8 OR S9 OR S10 OR S11 OR S12 or S13 or S14	84892
S16	S3 AND S15	91
S17	S3 AND S16 (publication date 20030101-20241231)	84
Total papers sourced		84
Duplicates removed in Endone		0
Ineligible study removed in Endnote (periodical/magazine publications)		0
Uploaded to Covidence		84
Duplicates removed		54
Papers for screening		30

Web of Science 20 May 2024

Search ID	Search terms	Results
#1	(TI=(midwi*)) OR (AB=(midwi*))	26646
#2	TI=(cost*)	388204
#3	TI=(return* NEAR/2 invest*)	2301
#4	TI=(investment NEAR/2 case*)	813
#5	TI=finance*	154790
#6	TI=((cost* NEAR/1 effect* OR cost* NEAR/1 assess* OR cost* NEAR/1 evaluat* OR cost* NEAR/1 analy* OR cost* NEAR/1 model* OR cost* NEAR/1 benefit* OR cost* NEAR/1 outcome* OR cost* NEAR/1 utilit*))	104132
#7	AB=(((cost* NEAR/1 effect* OR cost* NEAR/1 assess* OR cost* NEAR/1 evaluat* OR cost* NEAR/1 analy* OR cost* NEAR/1 model* OR cost* NEAR/1 benefit* OR cost* NEAR/1 outcome* OR cost* NEAR/1 utilit*)))	440189
#8	TI=((economic* NEAR/1 evaluat* OR economic* NEAR/1 assess* OR economic* NEAR/1 analy* OR economic* NEAR/1 model* OR economic* NEAR/1 benefit* OR economic* NEAR/1 cost*))	50365

#9	AB=(((economic* NEAR/1 evaluat* OR economic* NEAR/1 assess* OR economic* NEAR/1 analy* OR economic* NEAR/1 model* OR economic* NEAR/1 benefit* OR economic* NEAR/1 cost*)))	142048
#10	#2 OR #3 OR #4 OR #5 OR #6 OR #07 OR #08 OR #09	1042224
#11	#1 AND #10	500
#12	#1 AND #10 and 2003 or 2004 or 2005 or 2006 or 2007 or 2008 or 2009 or 2010 or 2011 or 2012 or 2013 or 2014 or 2015 or 2016 or 2017 or 2018 or 2019 or 2020 or 2021 or 2022 or 2023 or 2024 (Publication Years)	438
Total papers sourced		438
Duplicates removed in Endone		0
Ineligible study removed in Endnote (periodical/magazine/conference)		4
Uploaded to Covidence		434
Duplicates removed		387
Papers for screening		47

Additional hand searched sources:

Hand searched reference lists	4
Unpublished theses from OATD	1
Uploaded to Covidence	0
Duplicates removed	4
Papers for screening	1