

# AUHE Search Strategy....Economic Evaluations

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## Citing this document

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Academic Unit of Health Economics, University of Leeds. 2018. Economic Evaluation search strategies <https://information-specialists.leeds.ac.uk/wp-content/uploads/sites/71/2019/05/AUHE-Search-Strategies-costs.pdf> Date accessed [add date accessed]

## About the strategies

These search strategies aim to find retrieve studies containing economic evaluations and costs data.

This strategy was developed by iterative validation in 2017. It has been developed by Judy Wright and Kirstine McDermid in collaboration with Health Economists. Some terms have been sourced from the SIGN and NHS EED search filters available on the InterTasc ISSG search filter resource: <http://www.york.ac.uk/inst/crd/intertasc/about.htm> .

It was last updated 13/05/19 and peer-reviewed by Donna Irving.

This document lists search filters for:

- AMED (Ovid)
- CINAHL (Ebsco)
- EMBASE (Ovid)
- HMIC (Ovid)
- MEDLINE (Ovid)
- MEDLINE IN PROCESS (Ovid)
- SCOPUS
- Web of Science

## Search field and symbol key

	OVID	EBSCO	HMIC	SCOPUS	WOS
Title field	.ti	TI		TITLE	TI
abstract field	.ab	AB		ABS	
Other fields	.tw – <i>title word</i>				TS - topic
subject heading (MESH)	/ (if the / appears after a word e.g. policy/)	MH	/		
focused subject heading (major subject heading)	* (if it appears before a word e.g. *policy/)				
exploded subject heading	exp	MH+			
Adjacent to (two words within a (number) or words apart)	adj2	N2	adj2	W/2	NEAR/2
Truncation	*	*	* \$ single letter	*	*

## Database: AMED (Allied and Complementary Medicine) <1985 to May 2019>

Search Strategy:

- 
- 1 exp economics/ (6945)
  - 2 cost\*.ti. (1509)
  - 3 (cost\* adj2 (effective\* or utilit\* or benefit\* or minimi\* or evaluat\* or analy\* or study or studies or consequenc\* or compar\* or efficienc\*)).ab. (1924)
  - 4 (economic\* or pharmaco-economic\* or pharmaco-economic\*).tw. (5845)
  - 5 (price\* or pricing\*).tw. (193)
  - 6 (finance\* or financial\*).tw. (1502)
  - 7 (fee or fees).tw. (221)
  - 8 (value adj1 (money or monetary)).tw. (19)
  - 9 (qol\* or pqol or hrqol or qaly\* or qls).tw. (2299)
  - 10 expenditure.tw. (757)
  - 11 (eq-5d\* or eq5d\* or euroquol\* or euroqol\* or euroqual\* or euro-qol\* or euro-qol\* or euro-qual\*).tw. (365)
  - 12 or/1-11 (14001)

## CINAHL 1981 to present (EbscoHost)

- |   |         |
|---|---------|
| S11 S1 OR S2 OR S3 OR S4 OR S5 OR S6 OR S7 OR S8 OR S9 OR S10   | 390,372 |
| S10 (MH "Quality-Adjusted Life Years")  | 3,877   |
| S9 (MH "Disability-Adjusted Life Years")  | 142     |
| S8 TI ( hql or hqol or h qol or hrqol or hr qol or pqol or qls ) or AB ( hql or hqol or h qol or hrqol or hr qol or pqol or qls )   | 6,537   |
| S7 AB (value n2 (money or monetary)) or economic model* or markov* or quality adjusted life or qaly* or qald* or qale* or qtime* or "disability adjusted life" or daly* or SF6D or "sf 6d" or "short form 6d" or shortform6d or "health* year* equivalent*" or hye or hyes or "health utilit*" or hui or hui1 or hui2 or hui3 or disutil* or "standard gamble*" or "time trade off" or "time tradeoff" or tto | 12,964  |
| S6 AB (cost* n2 (effective* or utilit* or benefit* or minimi* or evaluat* or analy* or study or studies or consequenc* or compar* or efficienc*))   | 42,545  |
| S5 AB pharmaco-economic* or pharmaco-economic* or economic* or price* or pricing* or budget* or eq-5d* or eq5d* or euroquol* or euroqol* or euroqual* or euro-quol* or euro-qol* or euro-qual* or finance* or financial* or fee or fees   | 298,337 |
| S4 TI (value n2 money) or (value n2 monetary) or (economic model* or markov* or quality adjusted life or qaly* or qald* or qale* or qtime* or disability adjusted life or daly* or SF6D or sf 6d or short form 6d or shortform6d) or (health* year* equivalent* or  |         |

hye or hyes or health utilit\* or hui or hui1 or hui2 or hui3 or disutil\* or standard gamble\* or time trade off or time tradeoff or tto) 13,740

S3 TI cost\* or pharmacoeconomic\* or pharmaco-economic\* or economic\* or price\* or pricing\* or budget\* or eq-5d\* or eq5d\* or euroqol\* or euroqol\* or euroqual\* or euro-qual\* or euro-qol\* or euro-qual\* or finance\* or financial\* or fee or fees 315,752

S2 (MH "Costs and Cost Analysis+") or (MH "Fees and Charges+") or (MH "Health Resource Utilization") or (MH "Health Resource Allocation") 130,849

S1 (MH "Economics") or (MH "Economic Value of Life") or (MH "Economics, Dental") or (MH "Economics, Pharmaceutical") or (MH "Economic Aspects of Illness") 23,048

## Database: Embase Classic+Embase <1947 to 2019 May 10>

Search Strategy:

- 
- 1 health economics/ (36670)
  - 2 exp economic evaluation/ (288256)
  - 3 exp health care cost/ (276603)
  - 4 pharmacoeconomics/ or "drug cost"/ or drug utilization/ or "utilization review"/ (160910)
  - 5 socioeconomics/ and economics/ (15586)
  - 6 \*socioeconomics/ (21316)
  - 7 Economic model/ (1631)
  - 8 \*fee/ (6641)
  - 9 \*"cost"/ (14099)
  - 10 cost\*.ti. (151070)
  - 11 (cost\* adj2 (effective\* or utilit\* or benefit\* or minimi\* or evaluat\* or analy\* or study or studies or consequenc\* or compar\* or efficienc\* or variable\* or unit or estimate\*)).ab. (231879)
  - 12 (price or prices or pricing).tw. (51861)
  - 13 (economic\* or pharmacoeconomic\* or pharmaco-economic\*).tw. (322133)
  - 14 budget\*.tw. (36170)
  - 15 (value adj1 (money or monetary)).tw. (773)
  - 16 (financ\* adj2 (cost\* or data or "health care")).tw. (10269)
  - 17 financ\*.tw. and economics/ (14703)
  - 18 (expenditure\* not energy).tw. (37870)
  - 19 quality adjusted life year/ (23532)

- 20 (eq-5d\* or eq5d\* or euroqol\* or euroqol\* or euroqual\* or euro-qol\* or euro-qol\* or euro-qual\*).tw. (17934)
- 21 quality adjusted life.tw. (17286)
- 22 (qaly or qalys or qald or qale or qtime).tw. (17598)
- 23 disability adjusted life.tw. (3490)
- 24 disability-adjusted life year/ (1358)
- 25 (daly or dalys).tw. (3406)
- 26 (SF6D or sf 6d or short form 6d or shortform6d).tw. (1400)
- 27 health\* year\* equivalent\*.tw. (40)
- 28 (hye or hyes).tw. (122)
- 29 health utilit\*.tw. (3041)
- 30 (hui1 or hui2 or hui3).tw. (520)
- 31 disutil\*.tw. (825)
- 32 standard gamble\*.tw. (1049)
- 33 (time trade off or time tradeoff).tw. (1847)
- 34 (hqol or h qol or hr qol or hrqol).tw. (24503)
- 35 (pqol or qls).tw. (593)
- 36 or/1-35 (1104253)
- 37 exp animals/ not (exp animals/ and exp humans/) (5220808)
- 38 exp nonhuman/ not (exp nonhuman/ and exp human/) (4371454)
- 39 exp experimental animal/ (650740)
- 40 exp veterinary medicine/ (43223)
- 41 animal experiment/ (2366834)
- 42 ((energy or oxygen\* or metaboli\*) adj3 (expenditure\* or cost\*)).tw. (40542)
- 43 or/37-42 (7401308)
- 44 36 not 43 (1022670)

## Database: HMIC Health Management Information Consortium <1983 - present>

Search Strategy:

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- 1 exp health economics/ (3635)
- 2 exp "cost of illness studies"/ (72)
- 3 exp health service finance/ (2402)
- 4 exp treatment costs/ (405)
- 5 exp social costs/ (90)
- 6 exp hospital costs/ (79)
- 7 exp "cost benefit analysis"/ (757)
- 8 exp "cost effectiveness"/ (5587)
- 9 social welfare economics/ (84)
- 10 cost\$.ti. (7488)
- 11 (cost\$ adj2 (effective\$ or utilit\$ or benefit\$ or minimi\$ or evaluat\$ or analys\$ or study or studies or consequenc\$ or compar\$ or identif\$ or saving\$ or efficienc\$ or variable\$ or unit\$ or estimat\$)).ab. (9049)
- 12 economic\$.ti. (3441)
- 13 (economic\$ adj2 (effective\$ or utilit\$ or benefit\$ or evaluat\$ or analys\$ or study or studies or consequenc\$ or compare\$ or comparis\$ or efficienc\$)).ab. (1976)
- 14 budget\$.tw. (4742)
- 15 (pharmcoeconomic\$ or pharmaco-economic\$).tw. (5)
- 16 (price\$ or pricing).tw. (3156)
- 17 financ\$.ti. (3349)
- 18 (financ\$ adj2 (cost\* or data or "health care" or "healthcare" or effective\$ or utilit\$ or benefit\$ or evaluat\$ or analys\$ or study or studies or consequenc\$ or compare\$ or comparis\$ or efficienc\$)).ab. (1167)
- 19 (fee or fees).tw. (1424)
- 20 (value adj1 (money or monetary)).tw. (41)
- 21 (qol\$ or hrqol or pqol or qls).tw. (384)
- 22 (hqol or "h qol" or hrqol or "hr qol").tw. (157)
- 23 (qaly or qalys or qald or qale or qtime).tw. (779)
- 24 "quality adjusted life".tw. (873)
- 25 exp Quality adjusted life years/ (333)
- 26 exp Disability adjusted life years/ (56)
- 27 exp Healthy years equivalent/ (10)
- 28 (eq-5d\* or eq5d\* or euroquol\* or euroqol\* or euroqual\* or euro-quol\* or euro-qol\* or euro-qual\*).tw. (342)
- 29 or/1-28 (33830)
- 30 exp veterinary medicine/ (139)
- 31 exp laboratory animals/ (89)
- 32 30 or 31 (228)
- 33 29 not 32 (33829)

## Ovid MEDLINE(R) <1946 to May Week 1 2019>

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- 1 Economics/ (27148)
- 2 exp Economics, Dental/ (4046)
- 3 exp Economics, Nursing/ (3986)
- 4 exp Economics, Medical/ (14220)
- 5 exp Economics, pharmaceutical/ (2786)
- 6 exp Economics, Hospital/ (22797)
- 7 exp "Costs and Cost Analysis"/ (214607)
- 8 exp "Fees and Charges"/ (29340)
- 9 exp budgets/ (13312)
- 10 exp "Value of Life"/ec [Economics] (247)
- 11 budget\*.tw. (20887)
- 12 cost\*.ti. (92137)
- 13 (cost\* adj2 (effective\* or utilit\* or benefit\* or minimi\* or evaluat\* or analy\* or study or studies or consequenc\* or compar\* or efficienc\* or variable or unit or estimate\*)).ab. (125279)
- 14 (economic\* or pharmacoeconomic\* or pharmaco-economic\*).tw. (183717)
- 15 (price or prices or pricing).tw. (27450)
- 16 (financ\* adj2 (cost\* or data or "health care")).tw. (6595)
- 17 (fee or fees).tw. (13856)
- 18 (value adj1 (money or monetary)).tw. (442)
- 19 quality-adjusted life years/ (9903)
- 20 (eq-5d\* or eq5d\* or euroquol\* or euroqol\* or euroqual\* or euro-quol\* or euro-qol\* or euro-qual\*).tw. (6335)
- 21 exp models, economic/ (13147)
- 22 markov chains/ (12491)
- 23 quality adjusted life.tw. (8486)
- 24 (qaly or qalys or qald or qale or qtime).tw. (6883)
- 25 disability adjusted life.tw. (1962)
- 26 (daly or dalys).tw. (1794)
- 27 "Global Burden of Disease"/ [new 2017] (93)
- 28 health\* year\* equivalent\*.tw. (43)
- 29 (hye or hyes).tw. (63)
- 30 (hui1 or hui2 or hui3).tw. (322)
- 31 disutil\*.tw. (309)
- 32 standard gamble\*.tw. (774)
- 33 (time trade off or time tradeoff).tw. (1169)

- 34 (hqol or h qol or hrqol or hr qol).tw. (10936)
- 35 (pqol or qls).tw. (295)
- 36 (sf6d or sf 6d or short form 6d or shortform 6d or sf sixd or sf six d).tw. (608)
- 37 exp animals/ not (exp animals/ and exp humans/) (4521243)
- 38 exp Veterinary Medicine/ (24078)
- 39 exp Animal Experimentation/ (8704)
- 40 ((energy or oxygen\* or metaboli\*) adj3 (expenditure\* or cost\*)).tw. (26503)
- 41 or/37-40 (4559191)
- 42 or/1-36 (573357)
- 43 42 not 41 (534863)

## **Database: Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily <1946 to May 10, 2019>**

- 
- 1 budget\*.tw. (27186)
  - 2 cost\*.ti. (113502)
  - 3 (cost\* adj2 (effective\* or utilit\* or benefit\* or minimi\* or evaluat\* or analy\* or study or studies or consequenc\* or compar\* or efficienc\* or variable\* or unit or estimate\*)).ab. (164092)
  - 4 (economic\* or pharmaco-economic\* or pharmaco-economic\*).tw. (242332)
  - 5 (price or prices or pricing).tw. (35622)
  - 6 (financ\* adj2 (cost\* or data or "health care")).tw. (7730)
  - 7 (fee or fees).tw. (16806)
  - 8 (value adj1 (money or monetary)).tw. (595)
  - 9 (eq-5d\* or eq5d\* or euroqol\* or euroqol\* or euroqual\* or euro-qual\* or euro-qol\* or euro-qual\*).tw. (9574)
  - 10 quality adjusted life.tw. (11422)
  - 11 (qaly or qalys or qald or qale or qtime).tw. (9335)
  - 12 disability adjusted life.tw. (2863)
  - 13 (daly or dalys).tw. (2545)
  - 14 health\* year\* equivalent\*.tw. (40)
  - 15 (hye or hyes).tw. (66)
  - 16 (hui1 or hui2 or hui3).tw. (365)
  - 17 disutil\*.tw. (425)
  - 18 (hqol or h qol or hrqol or hr qol).tw. (15077)
  - 19 (pqol or qls).tw. (374)
  - 20 (sf6d or sf 6d or short form 6d or shortform 6d or sf sixd or sf six d).tw. (779)
  - 21 or/1-20 (530900)
  - 22 ((energy or oxygen\* or metaboli\*) adj3 (expenditure\* or cost\*)).tw. (32413)
  - 23 21 not 22 (527035)

## PsycINFO (Ovid)

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- 1 exp health care economics/ (697)
- 2 exp "costs and cost analysis"/ (23335)
- 3 exp "cost containment"/ (537)
- 4 exp pharmacoeconomics/ (260)
- 5 cost\*.ti. (12718)
- 6 (cost\* adj2 (effective\* or utilit\* or benefit\* or minimi\* or evaluat\* or analy\* or study or studies or consequenc\* or compar\* or efficienc\* or variable or unit or estimate\*)).tw. (25818)
- 7 economic\*.ti. (13481)
- 8 (economic\* adj2 (evaluat\* or analy\* or study or studies or effectiv\* or utilit\* or benefit\* or consequenc\* or compare\* or compari\* or saving\* or efficienc\*)).tw. (6553)
- 9 (price or prices or pricing).tw. (15521)
- 10 (pharmacoeconomic\* or pharmaco-economic\*).tw. (322)
- 11 budget\*.tw. (7785)
- 12 (value adj1 (money or monetary)).tw. (413)
- 13 (financ\* adj2 (cost\* or data or "health care")).tw. (1902)
- 14 financ\*.tw. and economics/ (2327)
- 15 (expenditure\* not energy).tw. (7071)
- 16 (fee or fees).tw. (3595)
- 17 (eq-5d\* or eq5d\* or euroqol\* or euroqol\* or euroqual\* or euro-quol\* or euro-qol\* or euro-qual\*).tw. (1616)
- 18 quality adjusted life.tw. (1073)
- 19 (qaly or qalys or qald or qale or qtime).tw. (923)
- 20 disability adjusted life.tw. (324)
- 21 (daly or dalys).tw. (656)
- 22 health\* year\* equivalent\*.tw. (5)
- 23 (hye or hyes).tw. (36)
- 24 (hui1 or hui2 or hui3).tw. (151)
- 25 disutil\*.tw. (178)
- 26 standard gamble\*.tw. (199)
- 27 (time trade off or time tradeoff).tw. (316)
- 28 (hqol or h qol or hrqol or hr qol).tw. (3797)
- 29 (pqol or qls).tw. (201)
- 30 (sf6d or sf 6d or short form 6d or shortform 6d or sf sixd or sf six d).tw. (237)
- 31 or/1-30 (91086)
- 32 exp animals/ not (exp animals/ and (exp human males/ or exp human females/)) (320932)



- 33 exp Veterinary Medicine/ (280)
- 34 "Animal Experiment\*".tw. (1159)
- 35 ((energy or oxygen\* or metaboli\*) adj3 (expenditure\* or cost\*)).tw. (3234)
- 36 (rat or rats or mice or mouse or hamster or hamsters or bovine or sheep).tw. (216242)
- 37 or/32-36 (349854)
- 38 31 not 37 (87891)

## SCOPUS

( TITLE-ABS-KEY ( financ\* W/2 ( cost\* OR data OR "health care" ) ) ) OR ( ( TITLE ( qol OR "quality of life" OR cost\* ) ) OR ( TITLE-ABS-KEY ( ( ( cost\* W/2 ( effective\* OR utilit\* OR benefit\* OR minimi\* OR evaluat\* OR analy\* OR study OR studies OR consequenc\* OR compar\* OR efficienc\* OR estimate\* OR variable\* OR unit ) ) ) ) ) ) OR ( TITLE-ABS-KEY ( budget\* OR economic\* OR pharmacocon\* OR "pharmaco-econ\*" OR qaly OR qalys OR qald OR qale OR qtime OR hrqol OR eq-5d\* OR eq5d\* OR euroqol\* OR euroqol\* OR euroqual\* OR euro-qual\* OR euro-qol\* OR euroqual\* OR price OR prices OR pricing OR fee OR fees OR markov OR "quality adjusted life" OR "disability adjusted life" OR daly OR dalys OR "health\* year\* equivalent\*" OR hye OR hyes OR hui1 OR hui2 OR hui3 OR disutil\* OR "standard gamble\*" OR "time trade off" OR "time tradeoff" OR hqol OR "h qol" OR hrqol OR "hr qol" OR pqol OR qls OR sf6d OR "sf 6d" OR "short form 6d" OR "shortform 6d" OR "sf sixd" OR "sf six d" ) )

## WOS

#6 #1 or #2 or #3 or #4 or #5

DocType=All document types; Language=All languages;

#5 TI=("quality of life" OR QOL)

DocType=All document types; Language=All languages;

#4 TS=(cost\* NEAR/2 (effective\* or utilit\* or benefit\* or minimi\* or evaluat\* or analy\* or study or studies or consequenc\* or compar\* or efficienc\* or variable\* or unit or estimate\*))

DocType=All document types; Language=All languages;

#3 TS=(financ\* NEAR/2 (cost\* or data or "health care"))

DocType=All document types; Language=All languages;

#2 TS=(value NEAR/1 (money or monetary))

DocType=All document types; Language=All languages;

#1 TS=(budget\* or economic\* or pharmacoecon\* or "pharmaco-econ\*" or qaly or qalys or qald or qale or qtime or hrqol or eq-5d\* or eq5d\* or euroquol\* or euroqol\* or euroqual\* or euro-quol\* or euro-qol\* or euro-qual\* or price or prices or pricing or fee or fees or markov or "quality adjusted life" or "disability adjusted life" or daly or dalys or "health\* year\* equivalent\*" or hye or hyes or hui1 or hui2 or hui3 or disutil\* or "standard gamble\*" or "time trade off" or "time tradeoff" or hqol or "h qol" or hrqol or "hr qol" or pqol or qls or sf6d or "sf 6d" or "short form 6d" or "shortform 6d" or "sf sixd" or "sf six d")  
DocType=All document types; Language=All languages;