

Table 1: Summary of Databases Searched: Edit as needed

Table ID	Provider/Interface	Database	Date searched	Database update	Searcher(s)	English only?	Date restriction	Pub types excluded	Search filter source	Original # of Items found	# of deleted duplicates	# of Unique items found
1b	National Library of Medicine	PubMed	April 23, 2021	April 23, 2021	AA, SP	Yes	from 1990	No limit by publication type	Humans	693	1	692
1e	OVID	Embase®	April 23, 2021	2021-week 15	AA, SP	Yes	1990-2021 Week 15	No limit by publication type	Humans, No Medline journals	237	2	235
1f	NLM	Clinicaltrials.gov	April 23, 2021	April 23, 2021	AA, SP	Yes	No limit by date	Clinicaltrials	No search filter used	4	0	4
1g	COCHRANE	Cochrane Library of clinical trials	April 23, 2021	April 23, 2021	AA, SP	Yes	No limit by date	Clinicaltrials	No search filter used	32	1	31
										Original # of Items found	# of deleted duplicates	# of Unique items found
										966	4	962
										Totals	4	962

Niederstadt C, Droste S. Reporting and presenting information retrieval processes: the need for optimizing common practice in health technology assessment. Int J Technol Assess Health Care. 2010;26(4):450-7.

Table 1a: PubMed search strategy

Provider/Interface	National Library of Medicine
Database	PubMed
Date searched	23.4.2021
Database update	-
Search developer(s)	AA, SP
Limit to English	Yes
Date Range	1990 – Today
Publication Types	Any
Search filter source	Humans, English language

1	Radiotherapy [Mesh]
2	"Radiotherap* [tw] OR ""Radiation Therap*"" [tw] OR Therapies, Radiation [tw] OR Therapy, Radiation [tw] OR ""Radiation Treatmen*"" [tw] OR Treatment, Radiation [tw] OR Radiotherapy, Targeted [tw] OR Radiotherapies, Targeted [tw] OR ""Targeted Radiotherap*"" [tw] OR ""Targeted Radiation Therap*""[tw] OR Therapy, Targeted Radiation [tw] OR Radiation Therapy, Targeted [tw] OR Protontherapy [tw] or ""Particle therap*""[tw] OR RT [tw]",Most Recent,, ""radiotherap*""[Text Word] OR ""radiation therap*""[Text Word] OR ""therapies radiation""[Text Word] OR ""therapy radiation""[Text Word] OR ""radiation treatmen*""[Text Word] OR ""treatment radiation""[Text Word] OR ""radiotherapy targeted""[Text Word] OR ""radiotherapies targeted""[Text Word] OR ""targeted radiotherap*""[Text Word] OR ""targeted radiation therap*""[Text Word] OR ""therapy targeted radiation""[Text Word] OR ""radiation therapy targeted""[Text Word] OR ""Protontherapy""[Text Word] OR ""particle therap*""[Text Word] OR ""RT""[Text Word]"
3	#1 OR #
4	Thymoma [Mesh]
5	"Thymom* [tw] or ""Thymic Carcinom*"" [tw] or ""Thymic Cancer"" [tw] or ""Thymic tumo*"" [tw] or ""Thymus Carcinom*"" [tw] or ""Thymus tumo*"" [tw] or ""Thymus cancer*"" [tw] or ""Thymic epithelial tumors"" [tw] or TETs [tw]",Most Recent,, ""thymom*""[Text Word] OR ""thymic carcinom*""[Text Word] OR ""Thymic Cancer""[Text Word] OR ""thymic tumo*""[Text Word] OR ""thymus carcinom*""[Text Word] OR ""thymus tumo*""[Text Word] OR ""thymus cancer*""[Text Word] OR ""Thymic epithelial tumors""[Text Word] OR ""TETs""[Text Word]"
6	#4 or #5
7	#3 AND 6#

Table 1e: EMBASE® search strategy

Provider/Interface	OVID
Database	EMBASE
Date searched	23.4.21
Database update	2021 – week 15
Search developer(s)	AA
Limit to English	Yes
Date Range	1990- 2021Week 15
Publication Types	Any
Search filter source	Humans, English language, No MEDLINE Journals

#	Query	Results from 23 Apr 2021
1	radiotherapy.mp. or external beam radiotherapy/ or respiratory gated radiotherapy/ or cancer radiotherapy/ or hypofractionated radiotherapy/ or preoperative radiotherapy/ or radiotherapy/ or image guided radiotherapy/ or computer assisted radiotherapy/ or adjuvant radiotherapy/ or radiotherapy dosage/ or radiotherapy planning system/ or conformal radiotherapy/	592,479
2	radiation therapy.mp.	153,742
3	proton therapy.mp.	10,443
4	radiotherap\$.mp.	594,823
5	exp radiotherapy/	552,828
6	exp thymoma/	15,358
7	thymom\$.mp.	16,107
8	thymic cancer.mp.	239
9	thymic tumo\$.mp.	1,264
10	thymus cancer.mp.	2,013
11	thymus tumo\$.mp.	105
12	thymic epithelial tumor\$.mp.	995
13	thymoma/	13,201

14	1 or 2 or 3 or 4 or 5	717,561
15	6 or 7 or 8 or 9 or 10 or 11 or 12 or 13	18,334
16	14 and 15	2,833
17	limit 16 to (human and english language and exclude medline journals and yr="1990 -Current")	237

Provider/Interface	NLM
Database	Clinicaltrials.gov
Date searched	23/04/2021
Database update	23/04/2021
Search developer(s)	AA, SP
English only? (default is "Yes")	Yes
Date range	No limit by date
Publication types included	Clinicaltrials
Search filter source	No search filter used
Items found	4
# of deleted duplicates from columns F-G-H	0
Unique items found	4
Name of saved search: TETs and RT	
Paste text of search strategy below	
Condition or Disease	Thymoma or Thymic cancer or Thymic epithelial tumor
Other	Radiotherapy

Provider/Interface	COCHRANE
Database	Cochrane Library of clinical trials
Date searched	23/04/2021
Database update	23/04/2021
Search developer(s)	AA, SP
English only? (default is "Yes")	Yes
Date range	No limit by date
Publication types included	Clinicaltrials
Search filter source	No search filter used
Items found	32
# of deleted duplicates from columns F-G-H	1
Unique items found	31
Name of saved search: TETs and RT	
Paste text of search strategy below	

ID

Search

#1

(*Thymoma OR Thymomas OR "Thymic tumor" OR "Thymus neoplasm" OR "Thymus Tumor" OR "Thymic neoplasm" OR "Thymic cancer" OR "Thymus tumor" OR "Thymus tumour" OR Thymus-cancer OR Thymus-tumor OR "Thymic Tumour"):ti,ab,kw AND (*Radiotherapy OR "Radiation therapy" OR Radiation-therapy OR "Radiation treatment" OR Proton-Therapy OR Protontherapy OR Irradiation OR RT):ti,ab,kw with Publication Year from 1990 to 2021, with Cochrane Library publication date Between Jan 1990 and Apr 2021, in Trials (Word variations have been searched)

No other Hand-search was performed (Non-database searches, Scopus or Web of Science, Bibliographies, Author names)