

Supplementary Material. Search strategies

DB	Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Daily and Versions(R) 1946 to September Week 4 2021	2021-10-06
#	Searches	Results
1	exp Carcinoma, Renal Cell/ or exp Kidney Neoplasms/	78213
2	RCC.tw.	16715
3	((kidney or renal) adj2 (cancer* or carcinoma* or neoplasm* or tum?or* or mass*) adj5 (metastas* or metastatic* or advanced inoperable or unopera* or unresectable or nonresect* or non resect* or non-resect*)).tw.	13103
4	exp Neoplasm Metastasis/ or advanced cancer.tw.	225067
5	(secondary adj3 (cancer* or carcinoma* or neoplasm* or tum?or* or mass*)).tw.	18883
6	1 or 2 or 3 or 4 or 5	307887
7	exp Metastasectomy/	1108
8	(Metastasectomy or ((metastas* or metastatic*) adj3 (surg* or resect* or operat* or excis*))).tw.	20667
9	7 or 8	20964
10	exp Antineoplastic Protocols/ or exp Antineoplastic Agents/	1206835
11	(axitinib or cabozantinib or dovitinib or erlotinib or lapatinib or Lenvatinib or pazopanib or sorafenib or sunitinib or tivozanib).tw.	24902
12	(trosine kinase inhibitor* or TKI).tw.	8693
13	10 or 11 or 12	1218613
14	6 and 9 and 13	965
15	randomized controlled trial.pt.	545516
16	controlled clinical trial.pt.	94443
17	randomized.ab.	536126
18	placebo.ab.	221989
19	drug therapy.fs.	2381834
20	randomly.ab.	367166
21	trial.ab.	570737

22	groups.ab.	2255140
23	15 or 16 or 17 or 18 or 19 or 20 or 21 or 22	5136207
24	exp animals/ not humans.sh.	4893920
25	23 not 24	4468061
26	14 and 25	660
	EMBASE search strategy	
#	Searches	Results
#1	'renal cell carcinoma'/exp OR 'kidney tumor'/exp	152937
#2	rcc:ti,ab	28625
#3	((kidney OR renal) NEAR/2 (cancer* OR carcinoma* OR neoplasm* OR tumor* OR tumour* OR mass*) NEAR/5 (metastas* OR metastatic* OR 'advanced inoperable' OR unopera* OR unresectable OR nonresect* OR 'non resect*' OR 'non resect*')):ti,ab	19813
#4	'metastasis'/exp OR 'advanced cancer'/exp	810873
#5	(secondary NEAR/3 (cancer* OR carcinoma* OR neoplasm* OR tumor* OR tumour* OR mass*)):ti,ab	28043
#6	#1 OR #2 OR #3 OR #4 OR #5	944020
#7	'metastasis resection'/exp	4811
#8	metastasectomy:ti,ab OR (((metastas* OR metastatic*) NEAR/3 (surg* OR resect* OR operat* OR excis*)):ti,ab)	31456
#9	#7 OR #8	33161
#10	'antineoplastic protocol'/exp OR 'antineoplastic agent'/exp	2556795
#11	axitinib:ti,ab OR cabozantinib:ti,ab OR dovitinib:ti,ab OR erlotinib:ti,ab OR lapatinib:ti,ab OR lenvatinib:ti,ab OR pazopanib:ti,ab OR sorafenib:ti,ab OR sunitinib:ti,ab OR tivozanib:ti,ab	47778
#12	'trosine kinase inhibitor*':ti,ab OR tki:ti,ab	21446
#13	#10 OR #11 OR #12	2562220
#14	#6 AND #9 AND #13	8737
	Cochrane Strategy	
#	Searches	Results
#1	[mh "Carcinoma, Renal Cell"] or [mh "Kidney Neoplasms"]	1247
#2	RCC:ti,ab,kw	1709

#3	((kidney or renal) near/2 (cancer* or carcinoma* or neoplasm* or tumor* or tumour* or mass*) near/5 (metastas* or metastatic* or "advanced inoperable" or unopera* or unresectable or nonresect* or "non resect*" or non-resect*)):ti,ab,kw	1548
#4	[mh "Neoplasm Metastasis"] or "advanced cancer":ti,ab,kw	15831
#5	(secondary near/3 (cancer* or carcinoma* or neoplasm* or tumor* or tumour* or mass*)):ti,ab,kw	4968
#6	#1 or #2 or #3 or #4 or #5	12689
#7	[mh "Metastasectomy"]	24
#8	Metastasectomy:ti,ab,kw or ((metastas* or metastatic*) near/3 (surg* or resect* or operat* or excis*)):ti,ab,kw	2417
#9	#7 or #8	2417
#10	[mh "Antineoplastic Protocols"] or [mh "Antineoplastic Agents"]	24978
#11	(axitinib or cabozantinib or dovitinib or erlotinib or lapatinib or Lenvatinib or pazopanib or sorafenib or sunitinib or tivozanib):ti,ab,kw	6401
#12	("trosine kinase inhibitor*" or TKI):ti,ab,kw	1478
#13	#10 or #11 or #12	31350
#14	#6 and #9 and #13	172
	Scopus search strategy (Advanced search)	
#	Searches	Results

	<p>TITLE-ABS-KEY(((kidney or renal) W/2 (cancer* or carcinoma* or neoplasm* or tumor* OR tumour* OR mass*) W/5 (metastas* or metastatic* or "advanced inoperable" or unopera* or unresectable or nonresect* or "non resect*" or non-resect*)) or RCC OR "Neoplasm Metastasis" OR "advanced cancer" OR (secondary W/3 (cancer* or carcinoma* or neoplasm* or tumor* OR tumour* or mass*))) AND TITLE-ABS-KEY(Metastasectomy or ((metastas* or metastatic*) W/3 (surg* or resect* or operat* or excis*))) AND TITLE-ABS-KEY("Antineoplastic Protocols" or "Antineoplastic Agents" OR axitinib or cabozantinib or dovitinib or erlotinib or lapatinib or Lenvatinib or pazopanib or sorafenib or sunitinib or tivozanib OR "trosine kinase inhibitor*" or TKI) AND (INDEXTERMS ("clinical trials" OR "clinical trials as a topic" OR "randomized controlled trial" OR "Randomized Controlled Trials as Topic" OR "controlled clinical trial" OR "Controlled Clinical Trials" OR "random allocation" OR "Double-Blind Method" OR "Single-Blind Method" OR "Cross-Over Studies" OR "Placebos" OR "multicenter study" OR "double blind procedure" OR "single blind procedure" OR "crossover procedure" OR "clinical trial" OR "controlled study" OR "randomization" OR "placebo")) OR (TITLE-ABS-KEY (("clinical trials" OR "clinical trials as a topic" OR "randomized controlled trial" OR "Randomized Controlled Trials as Topic" OR "controlled clinical trial" OR "Controlled Clinical Trials as Topic" OR "random allocation" OR "randomly allocated" OR "allocated randomly" OR "Double-Blind Method" OR "Single-Blind Method" OR "Cross-Over Studies" OR "Placebos" OR "cross-over trial" OR "single blind" OR "double blind" OR "factorial design" OR "factorial trial"))) OR (TITLE-ABS (clinical AND trial* OR trial* OR rct* OR random* OR blind*)) AND NOT INDEX (medline)</p>	87
#1	<p>TITLE-ABS-KEY(((kidney or renal) W/2 (cancer* or carcinoma* or neoplasm* or tumor* OR tumour* OR mass*) W/5 (metastas* or metastatic* or "advanced inoperable" or unopera* or unresectable or nonresect* or "non resect*" or non-resect*)) or RCC OR "Neoplasm Metastasis" OR (secondary W/3 (cancer* or carcinoma* or neoplasm* or tumor* OR tumour* or mass*)))</p>	194879
#2	<p>TITLE-ABS-KEY(Metastasectomy or ((metastas* or metastatic*) W/3 (surg* or resect* or operat* or excis*)))</p>	34220

#3	TITLE-ABS-KEY("Antineoplastic Protocols" or "Antineoplastic Agents" OR axitinib or cabozantinib or dovitinib or erlotinib or lapatinib or Lenvatinib or pazopanib or sorafenib or sunitinib or tivozanib OR "trosine kinase inhibitor*" or TKI)	609398
#4	(INDEXTERMS ("clinical trials" OR "clinical trials as a topic" OR "randomized controlled trial" OR "Randomized Controlled Trials as Topic" OR "controlled clinical trial" OR "Controlled Clinical Trials" OR "random allocation" OR "Double-Blind Method" OR "Single-Blind Method" OR "Cross-Over Studies" OR "Placebos" OR "multicenter study" OR "double blind procedure" OR "single blind procedure" OR "crossover procedure" OR "clinical trial" OR "controlled study" OR "randomization" OR "placebo")) OR (TITLE-ABS-KEY (("clinical trials" OR "clinical trials as a topic" OR "randomized controlled trial" OR "Randomized Controlled Trials as Topic" OR "controlled clinical trial" OR "Controlled Clinical Trials as Topic" OR "random allocation" OR "randomly allocated" OR "allocated randomly" OR "Double-Blind Method" OR "Single-Blind Method" OR "Cross-Over Studies" OR "Placebos" OR "cross-over trial" OR "single blind" OR "double blind" OR "factorial design" OR "factorial trial"))) OR (TITLE-ABS (clinical AND trial* OR trial* OR rct* OR random* OR blind*))	
#5	#1 AND #2 AND #3	
#6	#4 AND NOT INDEX (medline)	
	Web of Science search strategy	
#	Searches	Results
#1	TS=(((kidney or renal) NEAR/2 (cancer* or carcinoma* or neoplasm* or tumor* OR tumour* OR mass*) NEAR/5 (metastas* or metastatic* or "advanced inoperable" or unopera* or unresectable or nonresect* or "non resect*" or non-resect*)) or RCC OR "Neoplasm Metastasis" OR "advanced cancer" OR (secondary NEAR/3 (cancer* or carcinoma* or neoplasm* or tumor* OR tumour* or mass*))) AND TS=(Metastasectomy or ((metastas* or metastatic*) NEAR/3 (surg* or resect* or operat* or excis*))) AND TS=("Antineoplastic Protocols" or "Antineoplastic Agents" OR axitinib or cabozantinib or dovitinib or erlotinib or lapatinib or Lenvatinib or pazopanib or sorafenib or sunitinib or tivozanib OR "trosine kinase inhibitor*" or TKI) AND TS=(randomised OR randomized OR randomisation OR randomisation OR placebo* OR (random* AND (allocat* OR assign*)) OR (blind* AND (single OR double OR treble OR triple)))	49

	ClinicalTrials.gov	
#	Find studies	Results
	Recruitment status: All studies	
Condition or disease	Kidney Cancer	
Other terms	Metastasectomy AND Antineoplastic	
	WHO search strategy	
#	Home Basic Search	Results
1	Kidney Cancer AND Metastasectomy AND Antineoplastic	0
	1 AND 2	7
#	KOREAMED	Results
1	((((kidney[TIAB] OR renal[TIAB] OR secondary[TIAB]) AND (cancer[TIAB] OR carcinoma[TIAB] OR neoplasm[TIAB] OR tumor[TIAB] OR tumour[TIAB] OR mass[TIAB])) OR RCC[TIAB] OR "Neoplasm Metastasis"[TIAB] OR "advanced cancer"[TIAB]) AND (Metastasectomy[TIAB] OR Metastasectomies[TIAB] OR ((metastasis[TIAB] OR metastatic[TIAB]) AND (surgery[TIAB] OR resection[TIAB] OR operation[TIAB] OR excision[TIAB]))) AND ("Antineoplastic Protocols" OR "Antineoplastic Agents"[TIAB] OR axitinib[TIAB] OR cabozantinib[TIAB] OR dovitinib[TIAB] OR erlotinib[TIAB] OR lapatinib[TIAB] OR Lenvatinib[TIAB] OR pazopanib[TIAB] OR sorafenib[TIAB] OR sunitinib[TIAB] OR tivozanib[TIAB] OR "trosine kinase inhibitor"[TIAB] OR TKI[TIAB])	3
#	KMBASE	Results
1	(((((ALL=cancer] OR [ALL=carcinoma]) OR [ALL=neoplasm]) OR [ALL=tumor]) OR [ALL=tumour]) OR [ALL=mass]) AND [ALL=kidney])	2348
2	([ALL=Metastasectomy] OR [ALL=Metastasectomies])	76
3	1 AND 2	2