

Supplementary File 1. Search strategy and yield per database

Source	Search Strategy / Search Terms	Date/Time of Last Search	Results	
			Yield	Eligible
Publication database				
PubMed	1. Wilms tumor [MeSH Major Topic] 2. radiotherapy [MeSH Terms] 3. surviv* [Title/Abstract] 4. cost [Title/Abstract] 5. toxicit* [Title/Abstract] 6. 1 AND 2 7. 3 OR 4 OR 5 8. 6 AND 7 Filters: Humans, from 2000	September 5, 2023 9:00PM	57	
EuropePMC	1. Wilms tumor [Keyword including MeSH] 2. radiotherapy [Keyword including MeSH] 3. surviv [Abstract] 4. cost [Abstract] 5. toxicit [Abstract] 6. 1 AND 2 7. 3 OR 4 OR 5 8. 6 AND 7 Filters: From 2000	September 5, 2023 9:00PM	139	
HERDIN	1. Wilms tumor [MeSH] 2. radiotherapy [MeSH] 3. 1 AND 2 Filters: None applied	September 5, 2023 9:30PM	0	
EBSCOHost	1. Wilms tumor OR nephroblastoma [Abstract] 2. radiotherapy OR radiation therapy [Abstract] 3. surviv* [Abstract] 4. cost [Abstract] 5. toxicit* [Abstract] 6. 1 AND 2 7. 3 OR 4 OR 5 8. 6 AND 7 Filters: Medical databases, from 2000	September 5, 2023 8:00AM	129	
Bibliography scan		September 5, 2023 9:00PM	26	
<i>Exact duplicates</i>			79	
<i>Unique studies</i>			272	7
Systematic Reviews Registry				
PROSPERO	MeSH DESCRIPTOR Wilms Tumor EXPLODE ALL TREES	September 5, 2023 9:00PM	3	
COCHRANE	Wilms in Title Abstract Keyword OR Nephroblastoma in Title Abstract Keyword - (Word variations have been searched)	September 5, 2023 9:30PM	1	
<i>Exact duplicates</i>			0	
<i>Unique studies</i>			4	0
Clinical Trials Registry				

Source	Search Strategy / Search Terms	Date/Time of Last Search	Results	
			Yield	Eligible
clinicaltrials.gov	CONDITION Wilms Tumor, nephroblastoma INTERVENTION radiotherapy	September 5, 2023 10:00PM	36	
ICTRP	(wilms tumor OR nephroblastoma) AND radiotherapy	September 5, 2023 10:30PM	4	
<i>Exact duplicates</i>			2	
<i>Unique studies</i>			38	3