

## Appendix 1

The following shows a detailed search strategy for PubMed.  
We choose the advanced search builder.

#1	acupuncture[Title/Abstract]
#2	acupoint*[Title/Abstract]
#3	moxibustion[Title/Abstract]
#4	"electric stimulation therap*" [Title/Abstract]
#5	"auricular acupuncture" [Title/Abstract]
#6	"transcutaneous electric nerve stimulation" [Title/Abstract]
#7	"transcutaneous electric acupoint" [Title/Abstract]
#8	electroacupuncture[Title/Abstract]
#9	acupressure[Title/Abstract]
#10	"catgut embedding" [Title/Abstract]
#11	"embedding therap*" [Title/Abstract]
#12	#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11
#13	acupuncture[MeSH Terms]
#14	"acupuncture therapy" [MeSH Terms]
#15	"acupuncture points" [MeSH Terms]
#16	moxibustion[MeSH Terms]
#17	electroacupuncture[MeSH Terms]
#18	"acupuncture, ear" [MeSH Terms]
#19	"transcutaneous electric nerve stimulation" [MeSH Terms]
#20	"electric stimulation therapy" [MeSH Terms]
#21	#13 OR #14 OR #15 OR #16 OR #17 OR #18 OR #19 OR #20
#22	#12 OR #21
#23	"radiation therap*" [Title/Abstract]
#24	radiotherap* [Title/Abstract]
#25	irradiation[Title/Abstract]
#26	mammosite[Title/Abstract]
#27	radiation treatment[Title/Abstract]
#28	brachytherap* [Title/Abstract]
#29	chemoradiotherap* [Title/Abstract]
#30	"x-ray therap*" [Title/Abstract]
#31	radiochemotherap* [Title/Abstract]
#32	radiodermatitis[Title/Abstract]
#33	"radiation-induced oral mucositis" [Title/Abstract]
#34	"radiation pneumonitis" [Title/Abstract]
#35	"radiocystitis" [Title/Abstract]
#36	"radiation proctitis" [Title/Abstract]
#37	"radiation enteritis" [Title/Abstract]
#38	"radiation esophagitis" [Title/Abstract]
#39	"radiation encephalopathy" [Title/Abstract]
#40	"radiation ulcer" [Title/Abstract]
#41	#23 OR #24 OR #25 OR #26 OR #27 OR #28 OR #29 OR #30 OR #31 OR #32 OR #33 OR #34 OR #35 OR #36 OR #37 OR #38 OR #39 OR #40
#42	radiotherapy[MeSH Terms]
#43	"radiotherapy, computer-assisted" [MeSH Terms]
#44	"radiotherapy, conformal" [MeSH Terms]
#45	chemoradiotherapy[MeSH Terms]
#46	"cranial irradiation" [MeSH Terms]
#47	"heavy ion radiotherapy" [MeSH Terms]
#48	"radiotherapy dosage" [MeSH Terms]
#49	"dose fractionation, radiation" [MeSH Terms]
#50	"radiotherapy, image-guided" [MeSH Terms]
#51	"radiotherapy, high-energy" [MeSH Terms]
#52	"neutron capture therapy" [MeSH Terms]
#53	radiodermatitis[MeSH Terms]
#54	#42 OR #43 OR #44 OR #45 OR #46 OR #47 OR #48 OR #49 OR #50 OR #51 OR #52 OR #53
#55	#41 AND #54

## Appendix 2: Draft Eligibility Criteria

### Primary screening

1. Is this study a clinical study?  
YES\_\_\_ NO\_\_\_ UNCLEAR\_\_\_
2. Does this study describes cancer patients?  
YES\_\_\_ NO\_\_\_ UNCLEAR\_\_\_
3. Does this study employ certain acupuncture therapy?  
YES\_\_\_ NO\_\_\_ UNCLEAR\_\_\_
4. Does this study relate to radiotherapy-induced adverse effects?  
YES\_\_\_ NO\_\_\_ UNCLEAR\_\_\_
5. Is this study peer-reviewed?  
YES\_\_\_ NO\_\_\_ UNCLEAR\_\_\_
6. Does this study is written in Chinese or English?  
YES\_\_\_ NO\_\_\_ UNCLEAR\_\_\_

If you answer NO to any of these questions, the citation/study will be excluded. All other citations will be included.

### Secondary Screening

1. Is this study a RCT?  
YES\_\_\_ NO\_\_\_ UNCLEAR\_\_\_
2. Does patients in this study undergo single radiation therapy, not accompanied by chemotherapy or other interventions possibly causing adverse effects?  
YES\_\_\_ NO\_\_\_ UNCLEAR\_\_\_
3. Is acupuncture therapy used as prophylaxis or treatment in this study?  
YES\_\_\_ NO\_\_\_ UNCLEAR\_\_\_
4. Does this study use acupuncture therapy or combined therapies as intervention?  
YES\_\_\_ NO\_\_\_ UNCLEAR\_\_\_
5. Does this study record outcomes as required, such as the response rate of RIAE?  
YES\_\_\_ NO\_\_\_ UNCLEAR\_\_\_
6. Does sample size of each group in this study >10?  
YES\_\_\_ NO\_\_\_ UNCLEAR\_\_\_

If you answer NO to any of these questions, the citation/study will be excluded. All other full-text articles will be included.