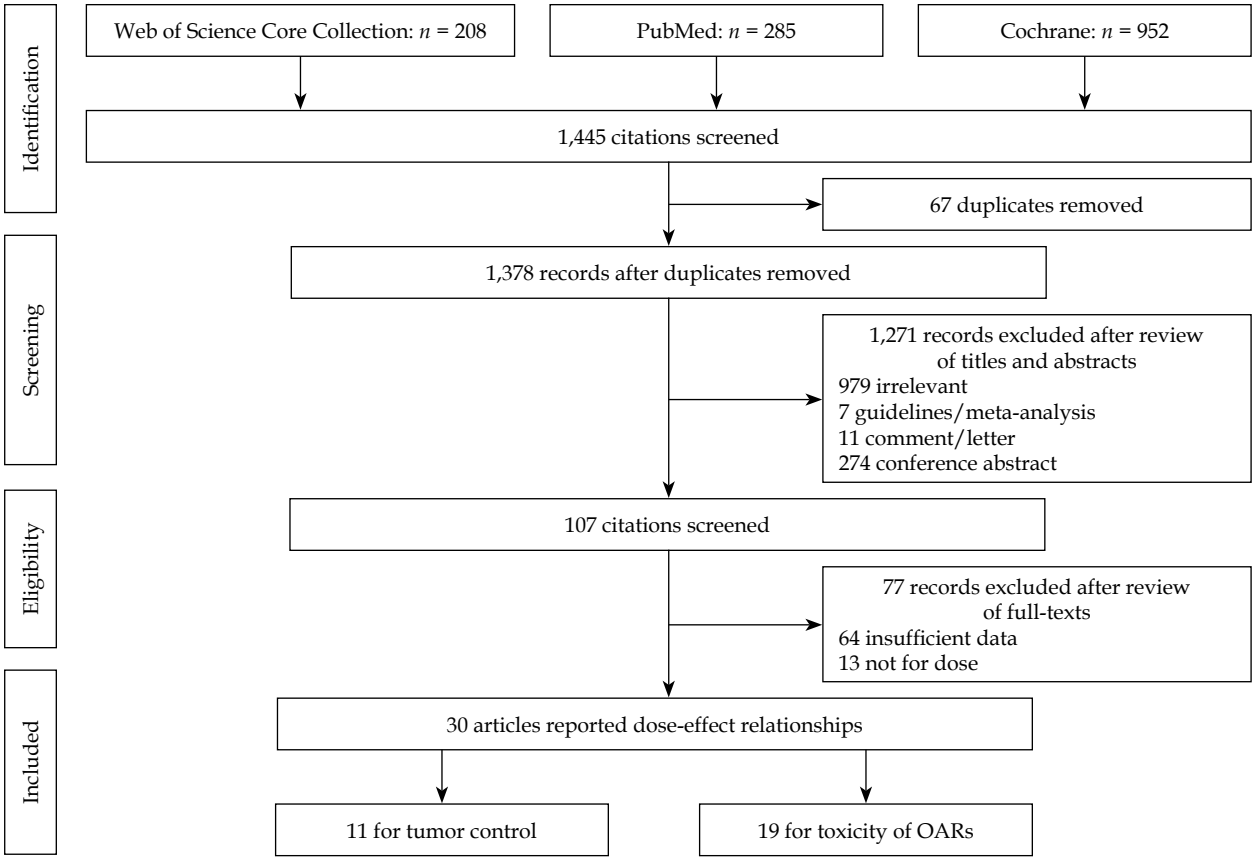

Suppl. Fig. 1. PRISMA flow diagram of included studies

Supplementary Table 1. Search strategies of databases

Databases	Search strategies	Search outcomes
Web of Science Core Collection	#1 TOPIC = (Uterine Cervical Neoplasms)	2,134
	#2 TI = (Cervical Neoplasm, Uterine) OR TI = (Cervical Neoplasms, Uterine) OR TI = (Neoplasm, Uterine Cervical) OR TI = (Neoplasms, Uterine Cervical) OR TI = (Uterine Cervical Neoplasm) OR TI = (Neoplasms, Cervical) OR TI=(Cervical Neoplasms) OR TI = (Cervical Neoplasm) OR TI = (Neoplasm, Cervical) OR TI = (Neoplasms, Cervix) OR TI = (Cervix Neoplasms) OR TI = (Cervix Neoplasm) OR TI = (Neoplasm, Cervix) OR TI = (Cancer of the Uterine Cervix) OR TI = (Cancer of the Cervix) OR TI = (Cervical Cancer) OR TI = (Uterine Cervical Cancer) OR TI = (Cancer, Uterine Cervical) OR TI = (Cancers, Uterine Cervical) OR TI = (Cervical Cancer, Uterine) OR TI = (Cervical Cancers, Uterine) OR TI = (Uterine Cervical Cancers) OR TI = (Cancer of Cervix) OR TI = (Cervix Cancer) OR TI = (Cancer, Cervix) OR TI = (Cancers, Cervix) OR TI = (Carcinoma of the Cervix)	38,561
	#3 #1 OR #2	39,667
	#4 TI = (dose effect) OR TI = (dose-volume response) OR TI = (dose predicts) OR TI = (dose-volume correlation) OR TI = (dose response) OR TI = (probit model analysis) OR TI = (dose toxicity)	46,574
	#5 #3 AND #4	208
	Filter: Language: English	208
PubMed	#1 Search = Uterine Cervical Neoplasms [MeSH Terms]	83,786
	#2 Search ((((((((((((((((((((((((((Cervical Neoplasm, Uterine[Title/Abstract]) OR Cervical Neoplasms, Uterine[Title/Abstract]) OR Neoplasm, Uterine Cervical[Title/Abstract]) OR Neoplasms, Uterine Cervical[Title/Abstract]) OR Uterine Cervical Neoplasm[Title/Abstract]) OR Neoplasms, Cervical[Title/Abstract]) OR Cervical Neoplasms[Title/Abstract]) OR Cervical Neoplasm[Title/Abstract]) OR Neoplasm, Cervical[Title/Abstract]) OR Neoplasms, Cervix[Title/Abstract]) OR Cervix Neoplasms[Title/Abstract]) OR Cervix Neoplasm[Title/Abstract]) OR Neoplasm, Cervix[Title/Abstract]) OR Cancer of the Uterine Cervix[Title/Abstract]) OR Cancer of the Cervix[Title/Abstract]) OR Cervical Cancer[Title/Abstract]) OR Uterine Cervical Cancer[Title/Abstract]) OR Cancer, Uterine Cervical[Title/Abstract]) OR Cancers, Uterine Cervical[Title/Abstract]) OR Cervical Cancer, Uterine[Title/Abstract]) OR Cervical Cancers, Uterine[Title/Abstract]) OR Uterine Cervical Cancers[Title/Abstract]) OR Cancer of Cervix[Title/Abstract]) OR Cervix Cancer[Title/Abstract]) OR Cancer, Cervix[Title/Abstract]) OR Cancers, Cervix[Title/Abstract]) OR Carcinoma of the Cervix[Title/Abstract]	85,655
	#3 Search #1 OR #2	110,201
	#4 Search ((((((dose effect[Title/Abstract]) OR (dose-volume response[Title/Abstract])) OR (dose predicts[Title/Abstract])) OR (dose-volume correlation[Title/Abstract])) OR (dose response[Title/Abstract])) OR (probit model analysis[Title/Abstract])) OR (dose toxicity[Title/Abstract])	87,018
	#5 Search #3 AND #4	298
	Filter: Language: English	285
Cochrane Library	#1 MeSH descriptor: [Uterine Cervical Neoplasms] explode all trees	2,363
	#2 (Uterine Cervical Neoplasm): ti, ab, kw	546
	#3 (Cervical Neoplasms): ti, ab, kw	2,962
	#4 (Cervical Neoplasm): ti, ab, kw	751
	#5 (Cervix Neoplasms): ti, ab, kw	1,186
	#6 (Cervix Neoplasm): ti, ab, kw	489
	#7 (Cancer of the Uterine Cervix): ti, ab, kw	2,560
	#8 (Cancer of the Cervix): ti, ab, kw	2,984
	#9 (Cervical Cancer): ti, ab, kw	5,727
	#10 (Uterine Cervical Cancer): ti, ab, kw	3,474
	#11 (Uterine Cervical Cancers): ti, ab, kw	351
	#12 (Cervix Cancer): ti, ab, kw	3,135
	#13 (Cancers, Cervix): ti, ab, kw	318
	#14 (Carcinoma of the Cervix): ti, ab, kw	1,674
	#15 #1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14	7,594
	#16 (dose effect):ti,ab,kw	125,774
	#17 (dose-volume response):ti,ab,kw	98
	#18 (dose predicts):ti,ab,kw	758
	#19 (dose-volume correlation):ti,ab,kw	41
	#20 (dose response):ti,ab,kw	103,616
	#21 (probit model analysis):ti,ab,kw	49
	#22 (dose toxicity):ti,ab,kw	21,386
	#23 #16 OR #17 OR #18 OR #19 OR #20 OR #21 OR #22	189,163
	#17 #15 AND #23	952