

Supplementary File 1 Proposed search strategies (EMBASE)

1	neoplasm\$.mp. or exp neoplasms/
2	cancer.mp.
3	1 or 2
4	drug therapy.mp. or exp drug therapy/
5	biologic therapy.mp. or exp biologic therapy/
6	4 or 5
7	(ae or si or to or co).fs.
8	(safe or safety).ti,ab.
9	side effect\$.ti,ab.
10	((adverse or undesirable or harm\$ or serious or toxic) adj3 (effect\$ or reaction\$ or event\$ or outcome\$)).ti,ab.
11	exp adverse drug reaction/
12	exp drug toxicity/
13	exp intoxication/
14	exp drug safety/
15	exp drug monitoring/
16	exp drug hypersensitivity/
17	exp postmarketing surveillance/
18	exp drug surveillance program/
19	exp phase iv clinical trial/
20	(toxicity or complication\$ or noxious or tolerability).ti,ab.
21	exp postoperative complication/
22	exp perioperative complication/
23	or/7-22
24	exp review/
25	(literature adj3 review\$).ti,ab.
26	exp meta analysis/
27	exp "Systematic Review"/
28	or/24-27
29	(medline or medlars or embase or pubmed or cinahl or amed or psychlit or psyqlit or psychinfo or psycinfo or scisearch or cochrane).ti,ab.
30	RETRACTED ARTICLE/
31	29 or 30
32	28 and 31
33	(systematic\$ adj2 (review\$ or overview)).ti,ab.
34	(meta?anal\$ or meta anal\$ or meta-anal\$ or metaanal\$ or metanal\$).ti,ab.
35	32 or 33 or 34
36	3 and 6 and 23 and 35
37	36 not (conference abstract or conference paper or editorial).pt.
38	limit 37 to (human and english language and yr="1883-2016")