

Supplemental Appendix for:

Is There a Role for Oral or Intravenous Ascorbate (Vitamin C) in Treating Patients With Cancer? A Systematic Review

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Appendix S1. Literature Search

Database: Embase Classic+Embase <1947 to 2014 January 16>, Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R) <1946 to Present>

Search Strategy:

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- 1 exp Ascorbic Acid/ (114885)
 - 2 Dehydroascorbic Acid.tw. (2107)
 - 3 (ascorbic acid or vit\$ c or ascorbate).tw. (112079)
 - 4 or/1-3 (151325)
 - 5 ((cancer or neoplasm\$) adj5 (therap\$ or treatment)).tw. (429599)
 - 6 exp Neoplasms/ and (drug therapy or therapy).fs. (620062)
 - 7 5 or 6 (960241)
 - 8 4 and 7 (1920)
 - 9 randomized controlled trial.pt. (359557)
 - 10 controlled clinical trial.pt. (86972)
 - 11 random\$.ab. (1534410)
 - 12 placebo.ab. (349917)
 - 13 clinical trials as topic/ (202419)
 - 14 trial.ti. (287046)
 - 15 clinical trial\$.pt,ab. (907703)
 - 16 (phase 1 or phase 2).tw. (33867)
 - 17 exp case-control studies/ or exp cohort studies/ (1683102)
 - 18 meta analysis.mp,pt. or review.pt. or search\$.tw. (4317975)
 - 19 case reports.pt. (1650241)
 - 20 (cohort adj2 (stud\$ or analysis)).tw. (221796)
 - 21 (case adj2 (series or control\$)).tw. (257619)
 - 22 or/9-21 (9431418)
 - 23 animals/ not humans/ (5190121)
 - 24 22 not 23 (9040786)
 - 25 8 and 24 (703)
 - 26 25 use prmz (357) MEDLINE
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- 27 *ascorbic acid/ (52772)
 - 28 Dehydroascorbic Acid.tw. (2107)
 - 29 (ascorbic acid or vit\$ c or ascorbate).tw. (112079)
 - 30 or/27-29 (122393)
 - 31 cancer therapy/ (49351)
 - 32 exp neoplasm/dt, th [Drug Therapy, Therapy] (1202285)
 - 33 ((cancer or neoplasm\$) adj5 (therap\$ or treatment)).tw. (429599)

34 or/31-33 (1471429)
35 30 and 34 (2150)
36 randomized controlled trial/ (726789)
37 (random\$ or placebo\$).tw. (1724708)
38 ((SINGL\$ or DOUBL\$ or TREBL\$ or TRIPL\$) adj3 (BLIND\$ or MASK\$)).tw. (297733)
39 exp *clinical trial/ (39427)
40 (phase 1 or phase 2).tw. (33867)
41 cohort analysis/ (323138)
42 longitudinal study/ (148855)
43 prospective study/ (613010)
44 follow up/ (808335)
45 (cohort adj2 (stud\$ or analysis)).tw. (221796)
46 case control study/ (258192)
47 case study/ (1683006)
48 (case adj2 (series or control\$)).tw. (257619)
49 *case report/ (22406)
50 meta-analys\$.mp. or search\$.tw. or review.pt. (4322481)
51 or/36-50 (9378746)
52 (animal\$ not human\$).sh,hw. (7712733)
53 51 not 52 (8884482)
54 35 and 53 (652)
55 54 use emczd (420) EMBASE
56 26 or 55 (777)
57 remove duplicates from 56 (621)

Database: EBM Reviews - Cochrane Central Register of Controlled Trials <December 2013>
Search Strategy:

1 exp Ascorbic Acid/ (1470)
2 Dehydroascorbic Acid.tw. (7)
3 (ascorbic acid or vit\$ c or ascorbate).tw. (2398)
4 or/1-3 (2579)
5 ((cancer or neoplasm\$) adj5 (therap\$ or treatment)).tw. (11137)
6 exp Neoplasms/ (39479)
7 5 or 6 (43467)
8 4 and 7 (141)