



Literature search

PubMed via NLM 180410		
Preoperative use of omega-3 fatty acids or vitamin E		
	Search terms	Items found
Population:		
1.	"fatty acids, omega-3"[MeSH Terms] OR "omega 3"[tiab] OR "n-3 Fatty Acids"[tiab] OR "n-3 Polyunsaturated Fatty Acid"[tiab] OR "n-3 PUFA"[tiab] OR "n3 Fatty Acid"[tiab] OR "n-3 Oils"[tiab] OR "n3 Oils"[tiab] OR "n3 PUFA"[tiab] OR "n3 Polyunsaturated Fatty Acid"[tiab] OR "fish oil"[tiab]	32766
2.	"Vitamin E"[Mesh] OR "vitamin e"[tiab]	40563
Intervention:		
3.	"Preoperative care"[Mesh] OR "Surgical Procedures, Operative"[Mesh] OR Preoperative[tiab] OR surgery[tiab] OR surgical[tiab] OR operation[tiab]	3768836
4.	"Postoperative Hemorrhage"[Mesh] OR bleeding[tiab] OR haemorrhage[tiab] OR haemorrhaging[tiab] OR Hemostasis[mesh]	304698
Study types:		
5.	Systematic[SB]	358998
6.	(clinical[tiab] AND trial[tiab]) OR clinical trials[MeSH Terms] OR clinical trial[Publication Type] OR random*[tiab] OR random allocation[MeSH Terms] OR therapeutic use[MeSH Subheading] OR randomized controlled trial[Publication Type]	4967835
Limits:		
7.	(animals [mesh] NOT humans [mesh])	4441250
Combined sets		
8.	1 OR 2	71929
9.	3 OR 4	3958628
10.	8 AND 9	4330
11.	11 AND 5	156
12.	2 AND 9	2233
13.	12 AND 6	1309
14.	13 NOT 7	1021
Final	11 OR 14	1138

The search result, usually found at the end of the documentation, forms the list of abstracts

[MeSH] = Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy

[MeSH:NoExp] = Does not include terms found below this term in the MeSH hierarchy

[MAJR] = MeSH Major Topic

[TIAB] = Title or abstract

[TI] = Title

[AU] = Author

[TW] = Text Word

Systematic[SB] = Filter for retrieving systematic reviews



* = Truncation

“ “ = Citation Marks; searches for an exact phrase

Cochrane Library via Wiley 180410		
Preoperative use of omega-3 fatty acids or vitamin E		
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Population:		
1.	"fatty acids, omega-3"[MeSH Terms] OR "omega 3":ti,ab,kw OR "n-3 Fatty Acids":ti,ab,kw OR "n-3 Polyunsaturated Fatty Acid":ti,ab,kw OR "n-3 PUFA":ti,ab,kw OR "n3 Fatty Acid":ti,ab,kw OR "n-3 Oils":ti,ab,kw OR "n3 Oils":ti,ab,kw OR "n3 PUFA":ti,ab,kw OR "n3 Polyunsaturated Fatty Acid":ti,ab,kw OR "fish oil":ti,ab,kw	5613
2.	"Vitamin E"[Mesh] OR "vitamin e":ti,ab,kw	3734
Intervention:		
3.	"Preoperative care"[Mesh] OR "Surgical Procedures, Operative"[Mesh] OR Preoperative:ti,ab,kw OR surgery:ti,ab,kw OR surgical:ti,ab,kw OR operation:ti,ab,kw	213851
4.	"Postoperative Hemorrhage"[Mesh] OR bleeding:ti,ab,kw OR haemorrhage:ti,ab,kw OR haemorrhaging:ti,ab,kw OR Hemostasis[mesh]	33824
Limits:		
5.	Cochrane reviews	
6.	Central Register of Controlled Trials (CENTRAL)	
Combined sets		
7.	1 OR 2	9063
8.	3 OR 4	232533
9.	7 AND 8	987
10.	9 AND 5	18
11.	2 AND 8	339
12.	11 AND 6	328
Final	10 OR 12	346

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CDSR = Cochrane Database of Systematic Review

CENTRAL = Cochrane Central Register of Controlled Trials, "trials"



CRM = Method Studies
 DARE = Database Abstracts of Reviews of Effects, “other reviews”
 EED = Economic Evaluations
 HTA = Health Technology Assessments

Embase via embase.com 180410		
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2.	'alpha tocopherol'/exp OR "vitamin e":ti,ab	71096
Intervention:		
3.	'preoperative care'/exp OR Preoperative:ti,ab OR surgery:ti,ab OR surgical:ti,ab OR operation:ti,ab	2429569
4.	'postoperative hemorrhage'/exp OR bleeding:ti,ab OR haemorrhage:ti,ab OR haemorrhaging:ti,ab OR 'hemostasis'/exp	371230
Study types:		
5.	[cochrane review]/lim OR [systematic review]/lim OR [meta analysis]/lim	
6.	'crossover procedure':de OR 'double-blind procedure':de OR 'randomized controlled trial':de OR 'single-blind procedure':de OR random*:de,ab,ti OR factorial*:de,ab,ti OR crossover*:de,ab,ti OR ((cross NEXT/1 over*):de,ab,ti) OR placebo*:de,ab,ti OR ((doubl* NEAR/1 blind*):de,ab,ti) OR ((singl* NEAR/1 blind*):de,ab,ti) OR assign*:de,ab,ti OR allocat*:de,ab,ti OR volunteer*:de,ab,ti	2217238
Limits:		
7.	([animals]/lim NOT [humans]/lim)	5340867
Combined sets		
8.	1 OR 2	106413
9.	3 OR 4	2682707
10.	8 AND 9	3968
11.	11 AND 5	196
12.	2 AND 9	2351
13.	12 AND 6	604
14.	13 NOT 7	535
Final	11 OR 14	663

/de= Term from the EMTREE controlled vocabulary
 /exp= Includes terms found below this term in the EMTREE hierarchy
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 :ab = Abstract
 :au = Author
 :ti = Article Title
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