Appendices e-1 through e-6

Appendix e-1: 2011–2013 Guideline Development Subcommittee (GDS) Members

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Appendix e-2: Mission Statement of GDS

The mission of the GDS is to prioritize, develop, and publish evidence-based guidelines related to the diagnosis, treatment, and prognosis of neurological disorders.
The GDS is committed to using the most rigorous methods available within our budget, in collaboration with other available AAN resources, to most efficiently accomplish this mission.

Appendix e-3: MEDLINE Complete Search Strategy

Database: Ovid MEDLINE(R) <1966 to August Week 1 2006>
Search Strategy:
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1   exp cerebrovascular accident/pc (4407)
2   exp cerebrovascular disorders/pc (12238)
3   limit 2 to yr="1966 - 1999" (6438)
4   1 or 3 (10192)
5   exp Platelet Aggregation Inhibitors/tu [Therapeutic Use] (22499)
6   antiplatelet$.mp. (7498)
7   5 or 6 (27674)
8   exp Aspirin/tu [Therapeutic Use] (11444)
9   clopidogrel.mp. (2166)
10   plavix.mp. (66)
11   exp Ticlopidine/tu [Therapeutic Use] (1560)
12   ticlid.mp. (45)
13   exp Anti-Inflammatory Agents, Non-Steroidal/tu [Therapeutic Use] (40318)
14   nsaid$.mp. (10214)
15   aggrenox.mp. (35)
16   exp Dipyridamole/tu [Therapeutic Use] (1853)
17   exp Pentoxifylline/tu [Therapeutic Use] (1367)
18   cilostazol.mp. (453)
19   5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 (64137)
20   (discontinu$ or cessat$ or withdraw$).mp. (149324)
21   exp postoperative complications/ (295130)
22   exp intraoperative complications/ (23636)
23   exp risk/ or exp risk factors/ (458459)
24   21 or 22 or 23 (746695)
25   4 and 19 and 20 and 24 (21)
26   19 and 20 and 24 (420)
27   stroke.mp. or exp Cerebrovascular Accident/ (104552)
28   exp Cerebral Infarction/ (18334)
29   exp Cerebral Hemorrhage/ (19771)
30   exp Subarachnoid Hemorrhage/ (11338)
31   exp Ischemic Attack, Transient/ (14224)
32   exp Myocardial Infarction/ (109330)
33   exp Pulmonary Embolism/ (22473)
34   exp Thrombosis/ (99862)
35   exp Death/ (84293)
36   27 or 28 or 29 or 30 or 31 or 32 or 33 or 34 (344041)
37   26 and 36 (143)
38   25 or 37 (143)
39   limit 38 to humans (138)
40   from 39 keep 1-138 (138)

Database: Ovid MEDLINE(R) <1966 to August Week 1 2006>
Search Strategy:
----
1   exp cerebrovascular accident/pc (4407)
2   exp cerebrovascular disorders/pc (12238)
3   limit 2 to yr="1966 - 1999" (6438)
4   1 or 3 (10192)
5   exp Platelet Aggregation Inhibitors/tu [Therapeutic Use] (22499)
6   antiplatelet$.mp. (7498)
7   5 or 6 (27674)
8   exp Aspirin/tu [Therapeutic Use] (11444)
9   clopidogrel.mp. (2166)
10   plavix.mp. (66)
11   exp Ticlopidine/tu [Therapeutic Use] (1560)
12   ticlid.mp. (45)
13   exp Anti-Inflammatory Agents, Non-Steroidal/tu [Therapeutic Use] (40318)
14   nsaid$.mp. (10214)
15   aggrenox.mp. (35)
16   exp Dipyridamole/tu [Therapeutic Use] (1853)
17   exp Pentoxifylline/tu [Therapeutic Use] (1367)
18   cilostazol.mp. (453)
19   5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 (64137)
20   (discontinu$ or cessat$ or withdraw$).mp. (149324)
21   exp postoperative complications/ (295130)
22   exp intraoperative complications/ (23636)
23   exp risk/ or exp risk factors/ (458459)
24   21 or 22 or 23 (746695)
25   exp Hemorrhage/ (165579)
26   exp Blood Transfusion/ (59491)
27   exp Reoperation/ (44093)
28   25 or 26 or 27 (260422)
29   su.fs. (1085251)
30   exp surgery/ (22474)
31   procedur$.mp. (592300)
32   29 or 30 or 31 (1509158)
33   19 and 32 and 24 and 28 (312)
34   4 and 19 and 24 and 28 (114)
35   exp cerebrovascular accident/ (37554)
36   stroke.mp. (87596)
37   exp cerebral infarction/ (18334)
38   exp cerebral hemorrhage/ (19771)
39   exp subarachnoid hemorrhage/ (11338)
40   exp ischemic attack, transient/ (14224)
41   exp myocardial infarction/ (109330)

42   exp pulmonary embolism/ (22473)
43   exp thrombosis/ (99862)
44   35 or 36 or 37 or 38 or 39 or 40 or 41 or 42 or 43 (344041)
45   33 and 44 (118)
46   34 or 45 (221)
47   limit 46 to humans (220)
48   from 47 keep 1-220 (220)
49   from 48 keep 1-220 (220)

Database: Ovid MEDLINE(R) <1966 to August Week 1 2006>
Search Strategy:
----
1   exp cerebrovascular accident/pc (4407)
2   exp cerebrovascular disorders/pc (12238)
3   limit 2 to yr="1966 - 1999" (6438)
4   1 or 3 (10192)
5   exp Platelet Aggregation Inhibitors/tu [Therapeutic Use] (22499)
6   antiplatelet$.mp. (7498)
7   5 or 6 (27674)
8   exp Aspirin/tu [Therapeutic Use] (11444)
9   clopidogrel.mp. (2166)
10   plavix.mp. (66)
11   exp Ticlopidine/tu [Therapeutic Use] (1560)
12   ticlid.mp. (45)
13   exp Anti-Inflammatory Agents, Non-Steroidal/tu [Therapeutic Use] (40318)
14   nsaid$.mp. (10214)
15   aggrenox.mp. (35)
16   exp Dipyridamole/tu [Therapeutic Use] (1853)
17   exp Pentoxifylline/tu [Therapeutic Use] (1367)
18   cilostazol.mp. (453)
19   5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 (64137)
20   (discontinu$ or cessat$ or withdraw$).mp. (149324)
21   exp postoperative complications/ (295130)
22   exp intraoperative complications/ (23636)
23   exp risk/ or exp risk factors/ (458459)
24   21 or 22 or 23 (746695)
25   exp Hemorrhage/ (165579)
26   exp Blood Transfusion/ (59491)
27   exp Reoperation/ (44093)
28   25 or 26 or 27 (260422)
29   su.fs. (1085251)
30   exp surgery/ (22474)

31   procedur$.mp. (592300)
32   29 or 30 or 31 (1509158)
33   19 and 32 and 24 and 28 (312)
34   4 and 19 and 24 and 28 (114)
35   exp cerebrovascular accident/ (37554)
36   stroke.mp. (87596)
37   exp cerebral infarction/ (18334)
38   exp cerebral hemorrhage/ (19771)
39   exp subarachnoid hemorrhage/ (11338)
40   exp ischemic attack, transient/ (14224)
41   exp myocardial infarction/ (109330)
42   exp pulmonary embolism/ (22473)
43   exp thrombosis/ (99862)
44   35 or 36 or 37 or 38 or 39 or 40 or 41 or 42 or 43 (344041)
45   33 and 44 (118)
46   34 or 45 (221)
47   limit 46 to humans (220)
48   from 47 keep 1-220 (220)
49   exp Time Factors/ (737757)
50   timing.mp. (41564)
51   49 or 50 (769607)
52   19 and 20 and 51 (283)
53   32 and 52 (35)
54   52 and 4 (3)
55   52 and 44 (52)
56   53 or 54 or 55 (72)
57   exp postoperative care/ (40796)
58   (21 or 57) and 52 (22)
59   56 or 58 (75)
60   limit 59 to humans (72)

Database: Ovid MEDLINE(R) <1966 to August Week 2 2006>
Search Strategy:
----
1   exp cerebrovascular accident/pc (4424)
2   exp cerebrovascular disorders/pc (12262)
3   limit 2 to yr="1966 - 1999" (6438)
4   1 or 3 (10209)
5   exp Anticoagulants/tu [Therapeutic Use] (35426)
6   exp Warfarin/tu [Therapeutic Use] (4354)
7   5 or 6 (35426)
8   (discontinu$ or cessat$ or withdraw$).mp. (149522)
9   exp postoperative complications/ (295482)
10   exp intraoperative complications/ (23683)

11   exp risk/ or exp risk factors/ (459331)
12   9 or 10 or 11 (747886)
13   4 and 7 and 8 and 12 (17)
14   7 and 8 and 12 (220)
15   stroke.mp. or exp cerebrovascular accident/ (104750)
16   exp cerebral infarction/ (18354)
17   exp cerebral hemorrhage/ (19782)
18   exp subarachnoid hemorrhage/ (11348)
19   exp ischemic attack, transient/ (14233)
20   exp myocardial infarction/ (109392)
21   exp pulmonary embolism/ (22498)
22   exp thrombosis/ (99961)
23   exp death/ (84401)
24   15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 (344418)
25   14 and 24 (172)
26   13 or 25 (172)
27   14 and 23 (4)
28   26 or 27 (174)
29   limit 28 to humans (172)
30   from 29 keep 1-172 (172)

Database: Ovid MEDLINE(R) <1966 to August Week 2 2006>
Search Strategy:
----
1   exp cerebrovascular accident/pc (4424)
2   exp cerebrovascular disorders/pc (12262)
3   limit 2 to yr="1966 - 1999" (6438)
4   1 or 3 (10209)
5   exp anticoagulants/tu (35426)
6   exp Warfarin/tu [Therapeutic Use] (4354)
7   5 or 6 (35426)
8   exp postoperative complications/ (295482)
9   exp intraoperative complications/ (23683)
10   exp risk/ or exp risk factors/ (459331)
11   8 or 9 or 10 (747886)
12   exp hemorrhage/ (165718)
13   exp blood transfusion/ (59519)
14   exp reoperation/ (44168)
15   12 or 13 or 14 (260655)
16   su.fs. (1086648)
17   exp surgery/ (22501)
18   procedur$.mp. (593292)
19   16 or 17 or 18 (1511128)
20   7 and 11 and 15 and 19 (620)

21   4 and 7 and 11 and 15 (99)
22   exp cerebrovascular accident/ (37662)
23   stroke.mp. (87767)
24   exp cerebral infarction/ (18354)
25   exp cerebral hemorrhage/ (19782)
26   exp subarachnoid hemorrhage/ (11348)
27   exp ischemic attack, transient/ (14233)
28   exp myocardial infarction/ (109392)
29   exp pulmonary embolism/ (22498)
30   exp thrombosis/ (99961)
31   22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 (344418)
32   20 and 31 (393)
33   21 or 32 (475)
34   limit 33 to humans (468)
35   4 and 34 (99)
36   stroke.ti. (26953)
37   34 and 36 (39)
38   35 or 37 (102)
39   from 38 keep 1-102 (102)

Database: Ovid MEDLINE(R) <1966 to August Week 2 2006>
Search Strategy:
----
1   exp cerebrovascular accident/pc (4424)
2   exp cerebrovascular disorders/pc (12262)
3   limit 2 to yr="1966 - 1999" (6438)
4   1 or 3 (10209)
5   exp anticoagulants/tu (35426)
6   exp Warfarin/tu [Therapeutic Use] (4354)
7   5 or 6 (35426)
8   (discontinu$ or cessat$ or withdraw$).mp. (149522)
9   su.fs. (1086648)
10   exp surgery/ (22501)
11   procedur$.mp. (593292)
12   9 or 10 or 11 (1511128)
13   exp time factors/ (738553)
14   timing.mp. (41667)
15   13 or 14 (770481)
16   7 and 8 and 15 (112)
17   12 and 16 (25)
18   16 and 4 (2)
19   exp cerebrovascular accident/ (37662)
20   stroke.mp. (87767)
21   exp cerebral infarction/ (18354)

22   exp cerebral hemorrhage/ (19782)
23   exp subarachnoid hemorrhage/ (11348)
24   exp ischemic attack, transient/ (14233)
25   exp myocardial infarction/ (109392)
26   exp pulmonary embolism/ (22498)
27   exp thrombosis/ (99961)
28   19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 (344418)
29   16 and 28 (71)
30   17 or 18 or 29 (83)
31   exp postoperative care/ (40812)
32   exp postoperative complications/ (295482)
33   (31 or 32) and 16 (13)
34   30 or 33 (84)
35   limit 34 to human (81)
36   from 35 keep 1-81 (81)

Appendix e-4: EMBASE Complete Search Strategy

Database Searched: **Embase** 2006 to 2011 Week 30
Date searched: August 02 2011
Search Topic: Anticoagulants and thrombosis risks

Embase 1980 to 2011 Week 30

#	Searches	Results	Search Type
1	perioperative period/	19922	Advanced
2	intraoperative period/	20125	Advanced
3	postoperative period/	99444	Advanced
4	preoperative period/	19354	Advanced
5	peroperative care/	8144	Advanced
6	postoperative care/	56278	Advanced
7	exp surgery/	2604811	Advanced
8	procedure?.tw.	758507	Advanced
9	(surgical or surger*).tw.	1183037	Advanced
10	peri-procedur*.tw.	622	Advanced
11	periprocedur*.tw.	2283	Advanced
12	operative*.tw.	189247	Advanced
13	su.fs.	1482951	Advanced
14	or/1-13	3702821	Advanced
15	anticoagulant agent/	59377	Advanced
16	anticoagulation*.mp.	37652	Advanced
17	anti-coagulation*.mp.	713	Advanced
18	warfarin/	47276	Advanced
19	warfarin*.tw.	15331	Advanced
20	coumadin*.tw.	3192	Advanced
21	marevan*.tw.	167	Advanced
22	or/15-21	115855	Advanced
23	exp postoperative complication/	389291	Advanced
24	perioperative complication/	2225	Advanced
25	peroperative complication/	14285	Advanced
26	preoperative complication/	163	Advanced
27	surgical risk/	20009	Advanced
28	surgical mortality/	23321	Advanced
29	death/	77685	Advanced
30	or/23-29	495713	Advanced
31	exp thrombosis/	170728	Advanced
32	exp thromboembolism/	259522	Advanced
33	or/31-32	259522	Advanced
34	14 and 22 and 30 and 33	4965	Advanced

35	exp coronary artery bypass graft/	43196	Advanced
36	CABG.mp.	14118	Advanced
37	exp prophylaxis/	553705	Advanced
38	thromboprophylaxis.mp.	2447	Advanced
39	prophylaxis.mp.	116023	Advanced
40	or/35-39	641784	Advanced
41	34 not 40	3513	Advanced
42	(exp animals/ or exp animal experimentation/) not ((exp animals/ or exp animal experimentation/) and exp human/)	2568420	Advanced
43	41 not 42	3470	Advanced
44	limit 43 to (book or book series or conference abstract or conference paper or "conference review" or editorial or letter or note or proceeding or report or "review")	1311	Advanced
45	43 not 44	2159	Advanced
46	limit 45 to yr="2006 -Current"	862	Advanced
47	limit 46 to embase	810	Advanced

Database Searched: **Embase** 2006 to 2011 Week 31
Date searched: Aug. 10 2011
Search Topic: Antiplatelet and bleeding risks

Embase 1980 to 2011 Week 31

#	Searches	Results	Search Type
1	perioperative period/	19979	Advanced
2	intraoperative period/	20153	Advanced
3	postoperative period/	99629	Advanced
4	preoperative period/	19413	Advanced
5	peroperative care/	8154	Advanced
6	postoperative care/	56349	Advanced
7	exp surgery/	2609983	Advanced
8	procedure?.tw.	760135	Advanced
9	(surgical or surger*).tw.	1185570	Advanced
10	peri-procedur*.tw.	625	Advanced
11	periprocedur*.tw.	2293	Advanced
12	operative*.tw.	189760	Advanced
13	su.fs.	1484608	Advanced
14	or/1-13	3709343	Advanced
15	exp postoperative complication/	389914	Advanced
16	perioperative complication/	2248	Advanced
17	peroperative complication/	14314	Advanced
18	preoperative complication/	163	Advanced
19	surgical risk/	20056	Advanced
20	surgical mortality/	23357	Advanced
21	death/	78116	Advanced
22	or/15-21	496815	Advanced
23	bleeding/	121589	Advanced
24	postoperative hemorrhage/	13082	Advanced
25	hemostasis/	35776	Advanced
26	exp blood transfusion/	100161	Advanced
27	((bleeding or hemorrhage or blood loss) adj2 complication?).tw.	9083	Advanced
28	or/23-27	249914	Advanced
29	exp antithrombocytic agent/	210075	Advanced
30	exp nonsteroid antiinflammatory agent/	350592	Advanced
31	antiplatelet*.mp.	16323	Advanced
32	anti-platelet*.mp.	3405	Advanced
33	NSAID?.mp.	20644	Advanced
34	(platelet adj2 antagonist?).mp.	628	Advanced

35	(platelet adj2 aggregation?).mp.	26797	Advanced
36	or/29-35	450287	Advanced
37	14 and 22 and 28 and 36	3856	Advanced
38	exp coronary artery bypass graft/	43263	Advanced
39	CABG.mp.	14147	Advanced
40	or/38-39	47666	Advanced
41	37 not 40	3379	Advanced
42	(exp animals/ or exp animal experimentation/) not ((exp animals/ or exp animal experimentation/) and exp human/)	2570435	Advanced
43	41 not 42	3349	Advanced
44	limit 43 to (book or book series or conference abstract or conference paper or "conference review" or editorial or letter or note or proceeding or report or "review" or short survey)	1598	Advanced
45	43 not 44	1751	Advanced
46	limit 45 to yr="2006 -Current"	971	Advanced
47	limit 46 to embase	933	Advanced

Database Searched: **Embase** 2006 to 2011 Week 31
Date searched: Aug. 12 2011
Search Topic: Antiplatelet and bleeding risks

Embase 1980 to 2011 Week 31

#	Searches	Results	Search Type
1	perioperative period/	19979	Advanced
2	intraoperative period/	20153	Advanced
3	postoperative period/	99629	Advanced
4	preoperative period/	19413	Advanced
5	peroperative care/	8154	Advanced
6	postoperative care/	56349	Advanced
7	exp surgery/	2609983	Advanced
8	procedure?.tw.	760135	Advanced
9	(surgical or surger*).tw.	1185570	Advanced
10	peri-procedur*.tw.	625	Advanced
11	periprocedur*.tw.	2293	Advanced
12	operative*.tw.	189760	Advanced
13	su.fs.	1484608	Advanced
14	or/1-13	3709343	Advanced
15	exp postoperative complication/	389914	Advanced
16	perioperative complication/	2248	Advanced
17	peroperative complication/	14314	Advanced
18	preoperative complication/	163	Advanced
19	surgical risk/	20056	Advanced
20	surgical mortality/	23357	Advanced
21	death/	78116	Advanced
22	or/15-21	496815	Advanced
23	bleeding/	121589	Advanced
24	postoperative hemorrhage/	13082	Advanced
25	hemostasis/	35776	Advanced
26	exp blood transfusion/	100161	Advanced
27	((bleeding or hemorrhage or blood loss) adj2 complication?).tw.	9083	Advanced
28	or/23-27	249914	Advanced
29	exp antithrombocytic agent/	210075	Advanced
30	antiplatelet*.mp.	16323	Advanced
31	anti-platelet*.mp.	3405	Advanced
32	(platelet adj2 antagonist?).mp.	628	Advanced
33	(platelet adj2 aggregation?).mp.	26797	Advanced
34	or/29-33	232250	Advanced
35	14 and 22 and 28 and 34	2859	Advanced

36	exp coronary artery bypass graft/	43263	Advanced
37	CABG.mp.	14147	Advanced
38	or/36-37	47666	Advanced
39	35 not 38	2393	Advanced
40	(exp animals/ or exp animal experimentation/) not ((exp animals/ or exp animal experimentation/) and exp human/)	2570435	Advanced
41	39 not 40	2371	Advanced
42	limit 41 to (book or book series or conference abstract or conference paper or "conference review" or editorial or letter or note or proceeding or report or "review" or short survey)	1198	Advanced
43	41 not 42	1173	Advanced
44	limit 43 to yr="2006 -Current"	653	Advanced
45	limit 44 to embase	619	Advanced

Database Searched: **Embase** 2006 to 2011 Week 32
Date searched: Aug. 16, 2011
Search Topic: Antiplatelet and thrombosis risks

Embase 1980 to 2011 Week 32

#	Searches	Results	Search Type
1	perioperative period/	20021	Advanced
2	intraoperative period/	20188	Advanced
3	postoperative period/	99809	Advanced
4	preoperative period/	19461	Advanced
5	peroperative care/	8170	Advanced
6	postoperative care/	56426	Advanced
7	exp surgery/	2613950	Advanced
8	procedure?.tw.	761443	Advanced
9	(surgical or surger*).tw.	1187611	Advanced
10	peri-procedur*.tw.	627	Advanced
11	periprocedur*.tw.	2304	Advanced
12	operative*.tw.	190107	Advanced
13	su.fs.	1486769	Advanced
14	or/1-13	3714734	Advanced
15	exp postoperative complication/	390472	Advanced
16	perioperative complication/	2265	Advanced
17	peroperative complication/	14345	Advanced
18	preoperative complication/	163	Advanced
19	surgical risk/	20100	Advanced
20	surgical mortality/	23395	Advanced
21	death/	78339	Advanced
22	or/15-21	497662	Advanced
23	exp thrombosis/	171301	Advanced
24	exp thromboembolism/	260377	Advanced
25	or/23-24	260377	Advanced
26	exp antithrombocytic agent/	210326	Advanced
27	antiplatelet*.mp.	16354	Advanced
28	anti-platelet*.mp.	3420	Advanced
29	(platelet adj2 antagonist?).mp.	628	Advanced
30	(platelet adj2 aggregation?).mp.	26827	Advanced
31	or/26-30	232534	Advanced
32	14 and 22 and 25 and 31	3699	Advanced
33	exp coronary artery bypass graft/	43318	Advanced
34	CABG.mp.	14162	Advanced

35	exp prophylaxis/	555763	Advanced
36	prophylaxis.mp.	116333	Advanced
37	thromboprophylaxis.mp.	2456	Advanced
38	or/33-37	644066	Advanced
39	32 not 38	2590	Advanced
40	(exp animals/ or exp animal experimentation/) not ((exp animals/ or exp animal experimentation/) and exp human/)	2573370	Advanced
41	39 not 40	2549	Advanced
42	limit 41 to (book or book series or conference abstract or conference paper or "conference review" or editorial or letter or note or proceeding or report or "review" or short survey)	1175	Advanced
43	41 not 42	1374	Advanced
44	limit 43 to yr="2006 -Current"	791	Advanced
45	limit 44 to embase	770	Advanced

Database Searched: **Ovid MEDLINE(R)** 2006 to July Week 3 2011
Date searched: July 29, 2011
Search Topic: Anticoagulants and thrombosis risks

Ovid MEDLINE(R) 1948 to July Week 3 2011

#	Searches	Results	Search Type
1	exp Surgical Procedures, Operative/	2063168	Advanced
2	perioperative Period/	173	Advanced
3	intraoperative Period/	11044	Advanced
4	exp postoperative period/	32570	Advanced
5	preoperative period/	564	Advanced
6	Perioperative Care/	6396	Advanced
7	Intraoperative Care/	12410	Advanced
8	Postoperative Care/	48148	Advanced
9	operative*.tw.	154134	Advanced
10	(surgical or surger*).tw.	993009	Advanced
11	procedure?.tw.	637741	Advanced
12	peri-procedur*.tw.	259	Advanced
13	periprocedur*.tw.	1540	Advanced
14	su.fs.	1404347	Advanced
15	or/1-14	3209547	Advanced
16	Anticoagulants/	45412	Advanced
17	anticoagulation*.mp.	18426	Advanced
18	anti-coagulation*.mp.	418	Advanced
19	Warfarin/	12231	Advanced
20	warfarin*.tw.	12115	Advanced
21	coumadin*.tw.	791	Advanced
22	marevan*.tw.	10	Advanced
23	or/16-22	62292	Advanced
24	exp Postoperative Complications/	369155	Advanced
25	exp Intraoperative Complications/	31725	Advanced
26	exp risk/	674969	Advanced
27	Mortality/	31031	Advanced
28	Death/	10761	Advanced
29	or/24-28	1066889	Advanced
30	Embolism/	9689	Advanced
31	exp Pulmonary Embolism/	28126	Advanced
32	exp Thrombosis/	125415	Advanced
33	exp Thromboembolism/	37944	Advanced
34	or/30-33	151291	Advanced

35	15 and 23 and 29 and 34	4158	Advanced
36	exp Coronary Artery Bypass/	40403	Advanced
37	CABG.mp.	9969	Advanced
38	prophylaxis.mp.	64479	Advanced
39	thromboprophylaxis.mp.	1774	Advanced
40	or/36-39	107337	Advanced
41	35 not 40	2866	Advanced
42	exp animals/ not (exp animals/ and exp humans/)	3618713	Advanced
43	41 not 42	2819	Advanced
44	limit 43 to (case reports or comment or editorial or lectures or letter or news or newspaper article or "review")	1165	Advanced
45	43 not 44	1654	Advanced
46	limit 45 to yr="2006 -Current"	416	Advanced

Database Searched: **Ovid MEDLINE(R)** 2006 to July Week 4 2011
Date searched: Aug. 10, 2011
Search Topic: Antiplatelet and bleeding risks

Ovid MEDLINE(R) 1948 to July Week 4 2011

#	Searches	Results	Search Type
1	exp Surgical Procedures, Operative/	2082785	Advanced
2	perioperative Period/	187	Advanced
3	intraoperative Period/	11174	Advanced
4	exp postoperative period/	33226	Advanced
5	preoperative period/	583	Advanced
6	Perioperative Care/	6505	Advanced
7	Intraoperative Care/	12512	Advanced
8	Postoperative Care/	48588	Advanced
9	operative*.tw.	156106	Advanced
10	(surgical or surger*).tw.	1003232	Advanced
11	procedure?.tw.	641809	Advanced
12	peri-procedur*.tw.	259	Advanced
13	periprocedur*.tw.	1549	Advanced
14	su.fs.	1419241	Advanced
15	or/1-14	3238969	Advanced
16	exp Postoperative Complications/	371970	Advanced
17	exp Intraoperative Complications/	31939	Advanced
18	exp risk/	680266	Advanced
19	Mortality/	31196	Advanced
20	Death/	10803	Advanced
21	or/16-20	1075149	Advanced
22	exp Postoperative Hemorrhage/	4620	Advanced
23	Hemorrhage/	46315	Advanced
24	Blood Loss, Surgical/	9133	Advanced
25	exp Hemostasis, Surgical/	4992	Advanced
26	exp Blood Transfusion/	74414	Advanced
27	((hemorrhage or bleeding or blood loss) adj2 complication?).tw.	6818	Advanced
28	or/22-27	135913	Advanced
29	exp Platelet Aggregation Inhibitors/	82881	Advanced
30	exp Anti-Inflammatory Agents, Non-Steroidal/	139642	Advanced
31	antiplatelet*.mp.	11759	Advanced

32	NSAID?.mp.	14516	Advanced
33	(platelet adj2 antagonist?).mp.	521	Advanced
34	(platelet adj2 aggregation?).mp.	52409	Advanced
35	or/29-34	216797	Advanced
36	15 and 21 and 28 and 35	1378	Advanced
37	exp Coronary Artery Bypass/	41215	Advanced
38	CABG.mp.	10228	Advanced
39	or/37-38	42910	Advanced
40	36 not 39	1124	Advanced
41	exp animals/ not (exp animals/ and exp humans/)	3647729	Advanced
42	40 not 41	1105	Advanced
43	limit 42 to (case reports or comment or editorial or letter or news or newspaper article or "review")	395	Advanced
44	42 not 43	710	Advanced
45	limit 44 to yr="2006 -Current"	307	Advanced

Database Searched: **Ovid MEDLINE(R)** 2006 to August Week 1 2011
Date searched: Aug. 12, 2011
Search Topic: Antiplatelet and bleeding risks

Ovid MEDLINE(R) 1948 to August Week 1 2011

#	Searches	Results	Search Type
1	exp Surgical Procedures, Operative/	2084339	Advanced
2	perioperative Period/	195	Advanced
3	intraoperative Period/	11179	Advanced
4	exp postoperative period/	33259	Advanced
5	preoperative period/	592	Advanced
6	Perioperative Care/	6522	Advanced
7	Intraoperative Care/	12521	Advanced
8	Postoperative Care/	48626	Advanced
9	operative*.tw.	156282	Advanced
10	(surgical or surger*).tw.	1004230	Advanced
11	procedure?.tw.	642456	Advanced
12	peri-procedur*.tw.	261	Advanced
13	periprocedur*.tw.	1551	Advanced
14	su.fs.	1420293	Advanced
15	or/1-14	3241411	Advanced
16	exp Postoperative Complications/	372263	Advanced
17	exp Intraoperative Complications/	31972	Advanced
18	exp risk/	681189	Advanced
19	Mortality/	31228	Advanced
20	Death/	10809	Advanced
21	or/16-20	1076366	Advanced
22	exp Postoperative Hemorrhage/	4627	Advanced
23	Hemorrhage/	46339	Advanced
24	Blood Loss, Surgical/	9146	Advanced
25	exp Hemostasis, Surgical/	4995	Advanced
26	exp Blood Transfusion/	74442	Advanced
27	((hemorrhage or bleeding or blood loss) adj2 complication?).tw.	6821	Advanced
28	or/22-27	135983	Advanced
29	exp Platelet Aggregation Inhibitors/	82921	Advanced
30	anti-platelet*.mp.	2372	Advanced
31	antiplatelet*.mp.	11774	Advanced

32	(platelet adj2 antagonist?).mp.	521	Advanced
33	(platelet adj2 aggregation?).mp.	52442	Advanced
34	or/29-33	113436	Advanced
35	15 and 21 and 28 and 34	1241	Advanced
36	exp Coronary Artery Bypass/	41233	Advanced
37	CABG.mp.	10233	Advanced
38	or/36-37	42929	Advanced
39	35 not 38	989	Advanced
40	exp animals/ not (exp animals/ and exp humans/)	3650161	Advanced
41	39 not 40	972	Advanced
42	limit 41 to (case reports or comment or editorial or letter or news or newspaper article or "review")	370	Advanced
43	41 not 42	602	Advanced
44	limit 43 to yr="2006 -Current"	279	Advanced

Database Searched: **Ovid MEDLINE(R)** 2006 to July Week 4 2011
Date searched: Aug. 08, 2011
Search Topic: Antiplatelet and bleeding risks

Ovid MEDLINE(R) 1948 to July Week 4 2011

#	Searches	Results	Search Type
1	exp Surgical Procedures, Operative/	2082785	Advanced
2	perioperative Period/	187	Advanced
3	intraoperative Period/	11174	Advanced
4	exp postoperative period/	33226	Advanced
5	preoperative period/	583	Advanced
6	Perioperative Care/	6505	Advanced
7	Intraoperative Care/	12512	Advanced
8	Postoperative Care/	48588	Advanced
9	operative*.tw.	156106	Advanced
10	(surgical or surger*).tw.	1003232	Advanced
11	procedure?.tw.	641809	Advanced
12	peri-procedur*.tw.	259	Advanced
13	periprocedur*.tw.	1549	Advanced
14	su.fs.	1419241	Advanced
15	or/1-14	3238969	Advanced
16	exp Postoperative Complications/	371970	Advanced
17	exp Intraoperative Complications/	31939	Advanced
18	exp risk/	680266	Advanced
19	Mortality/	31196	Advanced
20	Death/	10803	Advanced
21	or/16-20	1075149	Advanced
22	exp Postoperative Hemorrhage/	4620	Advanced
23	Hemorrhage/	46315	Advanced
24	Blood Loss, Surgical/	9133	Advanced
25	exp Hemostasis, Surgical/	4992	Advanced
26	exp Blood Transfusion/	74414	Advanced
27	((hemorrhage or bleeding or blood loss) adj2 complication?).tw.	6818	Advanced
28	or/22-27	135913	Advanced
29	exp Platelet Aggregation Inhibitors/	82881	Advanced
30	exp Anti-Inflammatory Agents, Non-Steroidal/	139642	Advanced

31	antiplatelet*.mp.	11759	Advanced
32	NSAID?.mp.	14516	Advanced
33	(platelet adj2 antagonist?).mp.	521	Advanced
34	(platelet adj2 aggregation?).mp.	52409	Advanced
35	or/29-34	216797	Advanced
36	21 and 28 and 35	1895	Advanced
37	exp Coronary Artery Bypass/	41215	Advanced
38	CABG.mp.	10228	Advanced
39	or/37-38	42910	Advanced
40	36 not 39	1641	Advanced
41	exp animals/ not (exp animals/ and exp humans/)	3647729	Advanced
42	40 not 41	1610	Advanced
43	limit 42 to (case reports or comment or editorial or letter or news or newspaper article or "review")	638	Advanced
44	42 not 43	972	Advanced
45	limit 44 to yr="2006 -Current"	432	Advanced

Database Searched: **Ovid MEDLINE(R)** 2006 to August Week 1 2011
Date searched: Aug. 16, 2011
Search Topic: Antiplatelet and thrombosis risks

Ovid MEDLINE(R) 1948 to August Week 1 2011

#	Searches	Results	Search Type
1	exp Surgical Procedures, Operative/	2084339	Advanced
2	perioperative Period/	195	Advanced
3	intraoperative Period/	11179	Advanced
4	exp postoperative period/	33259	Advanced
5	preoperative period/	592	Advanced
6	Perioperative Care/	6522	Advanced
7	Intraoperative Care/	12521	Advanced
8	Postoperative Care/	48626	Advanced
9	operative*.tw.	156282	Advanced
10	(surgical or surger*).tw.	1004230	Advanced
11	procedure?.tw.	642456	Advanced
12	peri-procedur*.tw.	261	Advanced
13	periprocedur*.tw.	1551	Advanced
14	su.fs.	1420293	Advanced
15	or/1-14	3241411	Advanced
16	exp Postoperative Complications/	372263	Advanced
17	exp Intraoperative Complications/	31972	Advanced
18	exp risk/	681189	Advanced
19	Mortality/	31228	Advanced
20	Death/	10809	Advanced
21	or/16-20	1076366	Advanced
22	Embolism/	9746	Advanced
23	exp Pulmonary Embolism/	28401	Advanced
24	exp Thrombosis/	126631	Advanced
25	exp Thromboembolism/	38266	Advanced
26	or/22-25	152768	Advanced
27	exp Platelet Aggregation Inhibitors/	82921	Advanced
28	anti-platelet*.mp.	2372	Advanced
29	antiplatelet*.mp.	11774	Advanced
30	(platelet adj2 antagonist?).mp.	521	Advanced
31	(platelet adj2 aggregation?).mp.	52442	Advanced
32	or/27-31	113436	Advanced

33	15 and 21 and 26 and 32	1490	Advanced
34	exp Coronary Artery Bypass/	41233	Advanced
35	CABG.mp.	10233	Advanced
36	prophylaxis.mp.	64881	Advanced
37	thromboprophylaxis.mp.	1790	Advanced
38	or/34-37	108616	Advanced
39	33 not 38	1212	Advanced
40	exp animals/ not (exp animals/ and exp humans/)	3650161	Advanced
41	39 not 40	1147	Advanced
42	limit 41 to (case reports or comment or editorial or letter or news or newspaper article or "review")	495	Advanced
43	41 not 42	652	Advanced
44	limit 43 to yr="2006 -Current"	264	Advanced

Appendix e-5: Classification of Evidence for Prognostic Studies

Class I: A cohort study of a broad spectrum of persons at risk for developing the outcome (e.g., target disease, work status). The outcome is defined by an acceptable reference standard for case definition. The outcome is objective or measured by an observer who is masked to the presence of the risk factor. Study results allow calculation of measures of prognostic accuracy.

Class II: A case control study of a broad spectrum of persons with the condition compared to a broad spectrum of controls or a cohort study of a broad spectrum of persons at risk for the outcome (e.g., target disease, work status) where the data was collected retrospectively. The outcome is defined by an acceptable reference standard for case definition. The outcome is objective or measured by an observer who is masked to the presence of the risk factor. Study results allow calculation of measures of prognostic accuracy.

Class III: A case control study or a cohort study where either the persons with the condition or the controls are of a narrow spectrum where the data was collected retrospectively. The outcome is defined by an acceptable reference standard for case definition. The outcome is objective or measured by an observer who did not determine the presence of the risk factor. Study results allow calculation of measures of a prognostic accuracy.

Class IV: Studies not meeting Class I, II, or III criteria, including consensus, expert opinion, or a case report.

Appendix e-6: Classification of Recommendations

A = Established as effective, ineffective or harmful (or established as useful/predictive or not useful/predictive) for the given condition in the specified population. (Level A rating requires at least two consistent Class I studies.)*

B = Probably effective, ineffective or harmful (or probably useful/predictive or not useful/predictive) for the given condition in the specified population. (Level B rating requires at least one Class I study or two consistent Class II studies.)

C = Possibly effective, ineffective or harmful (or possibly useful/predictive or not useful/predictive) for the given condition in the specified population. (Level C rating requires at least one Class II study or two consistent Class III studies.)

U = Data inadequate or conflicting; given current knowledge, treatment (test, predictor) is unproven.

*In exceptional cases, one convincing Class I study may suffice for an "A" recommendation if 1) all criteria are met, 2) the magnitude of effect is large (relative rate improved outcome > 5 and the lower limit of the confidence interval is > 2).