

This table summarizes the quality of animal experiments included in the BMJ paper
Comparison of systematic reviews of animal experiments and clinical trials: *An evidence based approach to translational research*

Ref ID	Author	Drug	Year	Peer Review Publication	Random Allocation to Group	Adequate Allocation Concealment	Blinded Assessment of Outcome	Sample Size Calculation	Compliance with Animal Welfare Regulations	Statement of Potential Conflicts of Interest
Corticosteroids for Acute Traumatic Brain Injury										
1	Yamaguchi	betamethasone	1975	1	0	0	0	0	0	0
2	Itani	methylprednisolone	1976	1	0	0	0	0	0	0
3	Tornheim	dexamethasone	1978	1	0	0	0	0	0	0
4	Hausdoerfer	dexamethasone	1979	1	0	0	0	0	0	0
5	Rivas	dexamethasone	1983	1	0	0	0	0	0	0
6	Hall	methylprednisolone	1985	1	0	1	1	0	0	0
7	Hall	methylprednisolone	1987	1	0	1	1	0	0	0
8	Shapira	dexamethasone	1988	1	0	0	0	0	0	0
9	Hall	methylprednisolone succ.	1989	1	0	1	1	0	0	0
10	Spillert	methylprednisolone	1990	1	1	0	0	0	0	0
11	Shapira	methylprednisolone	1992	1	1	0	0	1	1	0
12	Ildan	methylprednisolone	1995	1	0	0	0	0	0	0
13	Holmin	dexamethasone	1996	1	0	0	0	0	0	0
14	Park	methylprednisolone	1998	1	0	0	0	0	0	0
15	Koc	methylprednisolone	1999	1	0	0	0	0	1	0
16	Gahm	dexamethasone	2005	1	0	0	0	0	1	0
17	Yang	dexamethasone	2005	1	0	0	0	0	1	0
Anti-fibrinolytic agents for haemorrhage										
1	Nicola	aprotinin	1967	1	0	0	0	0	0	0
2	Laungani	epsilon aminocaproic acid	1975	1	0	0	0	0	0	0
3	Stenberg	tranexamic acid	1983	1	0	0	0	0	0	0
4	Berstad	tranexamic acid	1988	1	0	0	1	0	0	0
5	Arnljots	tranexamic acid	1991	1	1	0	1	0	0	0
6	Racanelli	epsilon aminocaproic acid	1992	1	0	0	0	0	0	0
7	Samama	aprotinin	1994	0	1	0	1	0	0	0
8	Thomae	aprotinin	1997	1	1	0	1	0	1	0
Thrombolysis for acute ischaemic stroke										
1	Kissel	tPA	1987	1	0	0	0	0	1	0
2	Penar	tPA	1987	1	0	0	0	0	0	0

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3	Slivka	tPA	1987	1	0	0	0	0	0	0
4	Del Zoppo	tPA	1988	0	0	0	0	0	0	0
5	Phillips	tPA	1988	1	1	1	0	0	0	0
6	Zivin	tPA	1988	1	0	0	1	0	0	0
7	Chehrrazi	tPA	1989	1	0	0	0	0	0	0
8	Del Zoppo	tPA	1989	1	0	1	0	0	1	0
9	Lyden	tPA	1989	1	1	1	1	0	0	0
10	Phillips	tPA	1989	1	1	1	0	0	0	0
11	Takigami	tPA	1989	1	0	0	0	0	0	0
12	Bednar	tPA	1990	1	1	0	0	0	0	0
13	Benes	tPA	1990	1	1	1	1	0	0	0
14	Hara	tPA	1990	1	0	0	0	0	0	0
15	Lyden	tPA	1990	1	1	0	0	0	0	0
16	Phillips	tPA	1990	1	0	0	0	0	0	0
17	Clark	tPA	1991	1	0	1	1	0	1	0
18	Carter	tPA	1992	1	1	0	0	1	1	0
19	Matsuno	SUN9216	1993	1	0	0	0	0	0	0
20	Thomas	tPA	1993	1	0	0	0	0	1	0
21	Umemura	SUN9216	1993	1	1	0	0	0	0	0
22	Hamilton	tPA	1994	1	1	1	1	0	1	0
23	Sakurama	tPA	1994	1	1	0	0	0	1	0
24	Thomas	tPA	1994	1	0	0	0	0	1	0
25	Umemura	SUN9216	1994	1	0	0	1	0	0	0
26	Gross	tPA	1995	1	1	1	0	0	1	0
27	Orozco	tPA	1995	1	0	0	0	0	1	0
28	Bowes	tPA	1996	1	0	0	1	0	1	0
29	Lekieffre	tPA	1997	1	1	0	1	0	0	0
30	Vanderschueren	tPA	1997	1	0	0	0	0	1	0
31	Yenari	tPA	1997	1	1	1	1	1	1	0
32	Zhang	tPA	1997	0	0	0	0	0	0	0
33	Busch	tPA	1998	1	0	0	0	0	1	0
34	Hoffmann	tPA	1998	1	0	0	0	0	1	0
35	Huang	tPA	1998	0	0	0	0	0	0	0
36	Ito	tPA	1998	0	0	1	0	0	0	0
37	Wang	tPA	1998	1	1	1	1	0	0	1
38	Zhang	tPA	1998	1	1	1	1	0	1	0
39	Brinker	tPA	1999	1	1	0	0	0	1	0
40	Chopp	tPA	1999	1	0	0	0	0	0	0
41	Fagan	tPA	1999	1	1	0	0	0	1	0
42	Hoffmann	tPA	1999	1	0	0	0	0	1	0
43	Kilic	tPA	1999	1	0	0	0	0	1	0
44	Klein	tPA	1999	1	1	0	0	1	0	0
45	Lew	tPA	1999	1	1	0	0	0	1	0

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46	Meng	tPA	1999	1	0	0	0	0	1	0
47	Zhang	tPA	1999	1	0	0	0	0	1	0
48	Asahi	tPA	2000	1	0	0	0	0	1	0
49	Bednar	tPA	2000	1	1	1	0	0	1	0
50	Busch	tPA	2000	1	0	0	0	0	1	0
51	Hara	tPA	2000	0	0	0	0	0	0	0
52	Jiang	tPA	2000	1	0	0	0	0	1	0
53	Kilic	tPA	2000	1	0	0	0	0	1	0
54	Lapchak	tPA	2000	1	1	0	1	1	0	0
55	Zhang	tPA	2000	0	1	0	0	0	0	0
56	Zhang	TNK	2000	1	0	0	0	0	1	0
57	Carter	tPA	2001	1	1	0	1	0	1	0
58	Dijkhuizen	tPA	2001	1	0	0	0	0	1	0
59	Kilic	tPA	2001	1	0	0	0	0	1	0
60	Lapchak	tPA	2001	1	1	0	1	1	0	0
61	Morris	tPA	2001	1	1	0	0	0	1	0
62	Sumii	Pamiteplase	2001	1	0	0	0	0	1	0
63	Suzuki	Pamiteplase	2001	1	0	0	0	0	1	0
64	Tejima	tPA	2001	1	0	0	0	0	1	0
65	Warren	tPA	2001	0	0	0	0	0	0	1
66	Zhang	tPA	2001	1	1	1	0	0	1	0
67	Zhang	TNK	2001	0	0	0	0	0	0	0
68	Dijkhuizen	tPA	2002	1	0	0	0	0	1	0
69	Erdogan	tPA	2002	1	0	0	0	0	1	0
70	Jiang	tPA	2002	1	0	0	0	0	1	0
71	Maeda	tPA	2002	1	0	0	0	0	1	0
72	Muramatus	Monteplase	2002	1	0	0	0	0	1	0
73	Neumann-Haefelin	tPA	2002	1	0	0	0	0	1	0
74	Niessen	tPA	2002	1	1	1	1	1	1	0
75	Shuaib	tPA	2002	1	1	0	1	0	1	0
76	Toomey	tPA	2002	1	0	0	1	0	1	0
77	Warren	tPA	2002	0	0	0	0	0	0	0
78	Zhang	tPA	2002	1	1	0	0	0	1	0
79	Gautier	tPA	2003	1	0	0	0	0	1	0
80	Grobholz	tPA	2003	0	0	0	0	0	0	0
81	Lapchak	tPA	2003	1	1	1	1	0	1	0
82	Okubo	Alteplase	2003	1	0	0	0	0	0	0
83	Suzuki	tPA	2003	1	0	0	0	0	0	0
84	Suzuki	Pamiteplase	2003	1	0	1	0	0	1	0
85	Yang	tPA	2003	1	1	0	0	0	1	0
86	Back	tPA	2004	0	1	0	0	0	0	0
87	Daffertshofer	tPA	2004	1	0	0	1	0	0	0
88	Ding	tPA	2004	1	1	0	1	0	1	0

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89	Kollmar	tPA	2004	1	1	0	0	0	1	0
90	Lapchak	tPA	2004	1	1	1	1	0	1	0
91	Moriguchi	tPA	2004	1	0	0	0	0	1	0
92	Suzuki	tPA	2004	1	1	1	0	0	1	0
93	Uddin	tPA	2004	0	0	0	0	0	0	0
94	Yi	tPA	2004	1	0	0	0	0	1	0
95	Zhang	tPA	2004	1	1	0	0	0	1	0
96	Ding	tPA	2005	1	1	0	1	0	1	0
97	Hamann	tPA	2005	0	0	0	0	0	0	0
98	Kilic	tPA	2005	1	0	0	0	0	1	0
99	Maeda	tPA	2005	1	0	0	0	0	1	0
100	Busch	tPA	1997a	1	0	0	0	0	1	0
101	Busch	tPA	1997b	1	0	0	0	0	0	0
102	Jiang	tPA	1998a	1	0	0	0	0	1	0
103	Jiang	tPA	1998b	1	0	0	0	0	1	0
104	Zhang	tPA	1999a	0	0	0	0	0	0	0
105	Zhang	tPA	1999b	1	0	0	0	0	1	0
106	Kano	tPA	2000a	1	0	0	0	0	0	0
107	Kano	tPA	2000b	1	0	0	0	0	0	0
108	Lapchak	tPA	2002a	1	1	0	1	1	1	0
109	Lapchak	tPA	2002b	1	1	1	1	1	1	0
110	Zhang	tPA	2003a	1	1	1	0	0	1	0
111	Zhang	tPA	2003b	1	1	1	0	0	1	0
112	Zhang	TNK	2004a	1	1	1	0	0	0	0
113	Zhang	tPA	2004b	0	0	0	0	0	0	0

Tirilazad for acute ischaemic stroke

1	Lythgoe	Tirilazad	1990	0	0	0	0	0	0	0
2	Beck	Tirilazad	1991	1	0	0	0	0	0	0
3	Xue	Tirilazad	1991	1	0	0	1	0	0	0
4	Wilson	Tirilazad	1992	1	1	0	1	0	0	0
5	Takeshima	Tirilazad	1993	1	1	0	1	0	0	0
6	Hellström	Tirilazad	1994	1	1	0	1	0	1	0
7	Park	Tirilazad	1994	1	1	1	1	0	0	0
8	Umemura	Tirilazad	1994	1	1	0	1	0	0	0
9	Orozco	Tirilazad	1995	1	1	0	0	0	1	0
10	Gross	Tirilazad	1997	1	0	0	0	0	1	0
11	Schmid-Elaesser	Tirilazad	1998	1	1	0	1	0	1	0
12	Alessandri	Tirilazad	2000	1	0	0	0	0	1	0
13	Öktem	Tirilazad	2000	1	1	0	1	0	1	0
14	Schöller	Tirilazad	2004	1	1	0	1	0	1	0
15	Schmid-Elaesser	Tirilazad	1999a	1	1	0	1	0	1	0
16	Schmid-Elaesser	Tirilazad	1999b	1	1	0	1	0	1	0

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17	Zausinger	Tirilazad	2003a	1	0	0	1	0	1	0
18	Zausinger	Tirilazad	2003b	1	1	0	1	0	1	0

Antenatal corticosteroids for preventing neonatal respiratory distress syndrome

1	Kikkawa	Cortisol	1971	1	0	0	0	0	0	0
2	Motoyama	Cortisol	1971	1	0	0	0	0	0	0
3	Taeusch	Hydrocortisone	1972	1	0	0	0	0	0	0
4	Corbet	Betamethasone	1978	1	0	0	0	0	0	0
5	Thebeault	Hydrocortisone	1978	1	0	0	0	0	0	0
6	Mitzner	Betamethasone	1979	1	0	0	0	0	0	0
7	Tsao	Hydrocortisone	1979	1	0	0	0	0	0	0
8	Barrada	Betamethasone	1980	1	0	0	0	0	0	0
9	Anderson	Dexamethasone	1981	1	0	0	0	0	0	0
10	Beck	Betamethasone	1981	1	0	0	1	0	0	0
11	Johnson	Hydrocortisone	1981	1	0	0	0	0	0	0
12	Kessler	Dexamethasone	1982	1	1	0	0	0	0	0
13	Ward	Betamethasone	1983	1	0	0	0	0	0	0
14	Hallman	Betamethasone	1985	1	0	0	0	0	0	0
15	Frank	Dexamethasone	1985	1	0	0	0	0	0	0
16	Rooney	Dexamethasone	1986	1	0	0	0	0	0	0
17	Devaskar	Betamethasone	1987	1	0	0	0	0	0	0
18	Ikegami	Betamethasone	1987	1	0	0	0	0	0	0
19	Fiascone	Betamethasone	1987	1	0	0	0	0	0	0
20	ElKady	Betamethasone	1988	1	0	0	0	0	0	0
21	Wartburn	Cortisol	1988	1	1	0	0	0	0	0
22	Gladstone	Betamethasone	1989	1	0	0	0	0	0	0
23	Ikegami	Betamethasone	1989	1	0	0	0	0	0	0
24	Ikegami	Betamethasone	1989	1	0	0	0	0	0	0
25	Rider	Betamethasone	1990	1	1	0	0	0	0	0
26	Tabor	Betamethasone	1990	1	1	0	0	0	1	0
27	Ikegami	Hydrocortisone	1991	1	1	0	0	0	0	0
28	Phelps	Dexamethasone	1991	1	0	0	0	0	0	0
29	Shimizu	Dexamethasone	1991	1	0	0	0	0	0	0
30	Jobe	Betamethasone	1993	1	0	0	0	0	0	0
31	Sun	Betamethasone	1993	1	0	0	0	0	0	0
32	Morga	Betamethasone	1994	1	0	0	0	0	0	0
33	Lohinger	Betamethasone	1994	1	0	0	0	0	0	0
34	Stein	Hydrocortisone	1994	1	0	0	0	0	0	0
35	Chen	Betamethasone	1995	1	0	0	1	0	0	0
36	Ueda	Betamethasone	1995	1	0	0	0	0	0	0

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37	Yokayama	Betamethasone	1995	1	1	0	0	0	1	0
38	Engle	Dexamethasone	1996	1	0	0	0	0	0	0
39	Rebello	Betamethasone	1996	1	1	0	0	0	0	0
40	Ikegami	Betamethasone	1996	1	1	0	0	0	1	0
41	Ballard	Betamethasone	1997	1	0	0	0	0	1	0
42	Ikegami	Betamethasone	1997	1	0	0	1	0	1	0
43	Polk	Betamethasone	1997	1	1	0	0	0	0	0
44	Rebello	Betamethasone	1997	1	1	0	0	0	0	0
45	Zaremba	Flumethasone	1997	1	1	0	0	0	0	0
46	Ervin	Betamethasone	1998	1	0	0	0	0	0	0
47	Jobe	Betamethasone	1998	1	0	0	0	0	1	0
48	Bunt	Betamethasone	1999	1	1	0	0	0	1	0
49	Pratt	Betamethasone	1999	1	1	0	0	0	0	0
50	Tan	Betamethasone	1999	1	0	0	0	0	1	0
51	Asoh	Dexamethasone	2000	1	0	0	0	0	1	0
52	Johnsson	Betamethasone	2001	1	0	0	0	0	1	0
53	Pillow	Betamethasone	2001	1	0	0	0	0	1	0
54	Willet	Betamethasone	2001	1	0	0	0	0	1	0
55	Moss	Betamethasone	2003	1	1	0	0	0	1	0
56	Flecknoe	Cortisol	2004	1	0	0	0	0	1	0

Bisphosphonates for the prevention and treatment of postmenopausal osteoporosis

1	Seedor	Alendronate	1991	1	0	0	0	0	0	0
2	Thompson	Alendronate	1992	1	1	0	0	0	0	0
3	Balena	Alendronate	1993	1	0	0	0	0	0	0
4	Lauritzen	Alendronate	1993	1	0	0	0	0	0	0
5	Sato	Alendronate	1996	1	1	0	0	0	1	0
6	Azuma.	Alendronate	1997	1	0	0	0	0	0	0
7	Frolick	Alendronate	1997	1	0	0	0	0	0	0
8	Giardino	Alendronate	1997	1	1	0	0	0	1	0
9	Da Paz	Alendronate	2001	1	0	0	0	0	0	0
10	Giavaresi	Alendronate	2001	1	1	0	0	0	0	0
11	Wang	Alendronate	2001	1	1	0	0	0	0	0
12	Ito	Alendronate	2002	1	0	0	0	0	1	0
13	Ito	Alendronate	2003	1	0	0	0	0	1	0
14	Pytlik	Alendronate	2004	1	0	0	0	0	1	0
15	Sliwinski	Alendronate	2004	1	0	0	0	0	1	0
16	Liu	Alendronate	2005	1	0	0	0	0	1	0