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Appendix I

Pubmed:

("Arthroplasty, Replacement, Elbow"[Mesh] OR "Elbow"[Mesh] OR "Elbow Joint"[Mesh] OR elbow*[tiab])

AND

("Arthroplasty, Replacement"[Mesh] OR "Joint Prosthesis"[Mesh] OR replacement*[tiab] OR arthroplast*[tiab] OR prothe*[tiab])

Embase:

('elbow replacement'/exp OR 'elbow'/exp OR elbow*:ab,ti)

AND

('replacement arthroplasty'/exp OR 'joint prosthesis'/exp OR replacement*:ab,ti OR arthroplast*:ab,ti OR prothe*:ab,ti)

Cochrane:

Elbow*

AND

(replacement* OR arthroplast* OR prothe*)

Filters:

Language: Dutch, English, German

Date: 01 January 2003 to 01 March 2020

Appendix II

Study	Year	Number of elbows	Level of evidence	Clearly stated aim	Inclusion of consecutive patients	Prospective collection of data	Endpoints appropriate to aim	Unbiased assessment of endpoint	Follow-up period appropriate	Loss to FU less than 5%	Prospective calculation of study size	Adequate control group	Contemporary groups	Baseline equivalence of groups	Adequate statistical analysis	Total	Quality group*
Ikavalko M	2004	158	IV	2	2	0	2	0	1	2	0					9	3
Kelly EW	2004	18	IV	2	2	0	2	0	2	2	0					10	3
Renfree	2004	10	IV	2	2	0	2	0	2	2	0					10	3
Willems K	2004	36	IV	1	2	2	2	0	1	0	0					8	2
Athwal	2005	20	IV	2	2	0	2	0	1	0	0					7	2
Blaine	2005	12	IV	2	2	0	0	0	2	0	0					6	2
Celli A	2005	887	IV	2	2	0	1	0	0	2	0					7	2
Khatri M	2005	47	IV	2	2	0	2	2	2	2	0					12	3
Lee KT	2005	8	IV	1	2	0	1	0	2	2	0					8	2
Loebenberg	2005	12	IV	2	2	0	2	0	2	2	0					10	3
Ovesen	2005	43	IV	2	2	2	2	0	2	2	0					12	3
Sneftrup	2005	24	IV	2	2	2	2	0	2	0	0					10	3
Athwal	2006	27	IV	2	2	0	2	0	2	2	0					10	3
Rauhaniemi J	2006	28	IV	2	2	2	2	0	2	2	0					12	3
Cesar M	2007	44	IV	2	2	0	2	2	2	0	0					10	3
Cheung E	2007	10	IV	2	1	0	2	0	0	2	0					7	2
Schneeberger	2007	23	IV	1	2	2	1	0	2	0	0					8	2
Shi LL	2007	67	IV	2	2	0	2	0	2	0	0					8	2
Cil A	2008	92	IV	2	2	0	2	1	2	2	0					11	3
DeGreef	2008	12	IV	1	2	0	1	0	1	2	0					7	2
Demiralp	2008	7	IV	2	2	0	2	0	2	2	0					10	3
Kalogrianitis S	2008	9	IV	1	2	0	1	0	2	2	0					8	2
LaPorte	2008	12	IV	2	2	0	2	0	2	2	0					10	3
Peden	2008	13	IV	2	2	2	2	0	2	2	0					12	3

Amirfeyz R	2009	54	IV	2	2	0	2	2	2	0	0					10	3
Patil N	2009	13	IV	2	2	2	2	0	2	0	0					10	3
Weber	2009	12	IV	1	2	2	1	0	0	2	0					8	2
Throckmorton T	2010	69	IV	2	2	0	2	0	2	0	0					8	2
Amirfeyz R	2011	11	IV	2	2	0	2	0	2	2	0					10	3
Becker	2011	25	IV	2	2	0	1	0	1	0	0					6	2
Sorbie	2011	51	IV	2	2	2	2	0	2	0	0					10	3
Ishii K	2012	35	IV	2	2	0	2	0	2	2	0					10	3
Wang	2012	6	IV	2	2	2	2	0	2	2	0					12	3
Kumar	2013	11	IV	1	2	0	1	0	1	2	0					7	2
Mansat P JSES Bonne	2013	78	IV	2	2	2	2	0	2	2	0					12	3
Mansat P OTSR Nouaille	2013	87	IV	2	2	0	2	0	1	2	0					9	3
Morrey	2013	25	IV	2	2	0	2	0	2	2	0					10	3
Studer	2013	37	III	2	2	2	2	2	2	2	0	1	0	1	2	18	3
Baghdadi Y	2014	723	IV	2	2	0	1	0	2	0	0					7	2
Duquin	2014	93	IV	2	2	0	2	0	2	0	0					8	2
Giannicola G	2014	24	IV	2	2	2	2	0	2	2	0					12	3
Hastings H	2014	46	IV	2	2	2	2	0	2	2	0					12	3
Large R	2014	51	IV	2	2	2	2	0	2	0	0					10	3
Linn	2014	7	IV	2	2	0	1	0	0	0	0					5	2
Dachs RP	2015	83	IV	2	2	0	2	0	2	0	0					8	2
Fritsche	2015	46	IV	2	2	0	2	0	2	0	0					8	2
Marinello	2015	30	IV	2	2	0	0	0	1	2	0					7	2
Mukka S	2015	25	IV	2	2	2	1	2	2	0	0					11	3
Ogino	2015	27	III	2	2	0	2	0	2	0	0	1	1	1	2	13	3
Oizumi	2015	25	IV	2	2	0	2	0	2	2	0					10	3
Park	2015	23	IV	2	2	2	2	0	2	2	0					12	3
Pogliacomi	2015	20	IV	2	2	0	2	0	2	2	0					10	3
Tian	2015	8	IV	2	2	2	2	0	0	2	0					10	3
Wagener ML	2015	69	IV	2	2	2	2	2	1	0	0					11	3
Aleem	2016	12	IV	2	2	0	2	1	0	0	0					7	2
Bigsby	2016	29	IV	2	2	0	0	0	2	0	0					6	2
Celli A	2016	20	IV	2	2	0	2	0	2	2	0					10	3
Celli A	2016	15	IV	2	2	0	2	0	2	2	0					10	3
Gallucci	2016	23	IV	2	2	0	2	0	2	2	0					10	3
Pogliacomi	2016	20	IV	2	2	0	2	0	2	2	0					10	3
Prasad	2016	19	IV	2	2	0	2	0	2	0	0					8	2
Sanchez-Sotelo	2016	461	IV	2	2	2	2	2	2	0	0					12	3

Ibrahim	2017	21	IV	1	2	0	2	0	2	2	0					9	3
Lami	2017	21	IV	0	2	0	0	0	2	0	0					4	1
Perretta	2017	102	IV	2	2	0	2	0	2	2	0					10	3
Schoch	2017	11	IV	2	2	2	2	0	1	2	0					11	3
Toulemonde	2017	100	IV	2	2	2	2	0	2	2	0					12	3
Viveen	2017	19	IV	2	2	2	2	0	2	2	0					12	3
Baksi	2018	14	IV	2	1	0	1	0	2	0	0					6	2
Kondo	2018	75	IV	2	2	0	1	0	2	2	0					9	3
Na	2018	21	IV	2	2	0	2	0	2	2	0					10	3
Nishida	2018	87	IV	2	2	0	2	0	2	0	0					8	2
Pham	2018	54	IV	2	2	0	2	0	2	2	0					10	3
Rudge	2018	19	IV	1	2	2	1	0	0	2	0					8	2
Cinats	2019	20	IV	2	2	0	2	0	2	0	0					8	2
Strelzow	2019	82	IV	2	2	2	2	0	2	0	0					10	3
Cottias	2020	24	IV	2	2	0	2	0	1	0	0					7	2
Logli	2020	88	III	2	2	0	2	0	2	2	0	2	1	0	2	15	3
Siala	2020	19	IV	2	2	0	2	0	2	0	0					8	2
Solarz	2020	16	IV	2	2	2	2	0	2	0	0	0	0	1	2	13	3

*Quality group 1 = very low quality; 2 = low quality; 3 = moderate quality; and 4 = high quality