

No.	Title of Paper	Reason for Inclusion/Exclusion
1	<b>Beaupré et al.</b> Hydroxyapatite-coated tibial implants compared with cemented tibial fixation in primary total knee arthroplasty. A randomized trial of outcomes at five years.	Included
2	<b>Carlsson et al.</b> Cemented tibial component fixation performs better than cementless fixation: a randomized radiostereometric study comparing porous-coated, hydroxyapatite-coated and cemented tibial components over 5 years.	Included
3	<b>Choy et al.</b> Cemented Versus Cementless Fixation of a Tibial Component in LCS Mobile-Bearing Total Knee Arthroplasty Performed by a Single Surgeon.	Included
4	<b>Fricka et al.</b> To cement or not? Two-Year Results of a Prospective, Randomised Study Comparing Cemented vs. Cementless Total Knee Arthroplasty (TKA).	Included
5	<b>Kim et al.</b> Cementless and cemented total knee arthroplasty in patients younger than fifty five years. Which is better?	Included
6	<b>Park et al.</b> Simultaneous cemented and cementless total knee replacement in the same patients: a prospective comparison of long term outcomes using an identical design of NexGen prosthesis.	Included
7	<b>Bagsby et al.</b> Cemented vs Cementless Total Knee Arthroplasty in Morbidly Obese Patients	Excluded as the patient population only included those with morbid obesity.
8	<b>Baker et al.</b> A randomized controlled trial of cemented versus cementless press-fit condylar total knee replacement	Excluded as Jadad score < 3
9	<b>Barrack et al.</b> Early failure of cementless mobile-bearing total knee arthroplasty	Excluded due to study type (not RCT) and different outcome focus
10	<b>Bassett et al.</b> Results of 1,000 Performance knees. Cementless versus Cemented Fixation.	Excluded due to study type (not RCT)
11	<b>Duffy et al.</b> Cement versus Cementless Fixation in Total Knee Arthroplasty	Excluded due to study type (not RCT)
12	<b>Khaw et al.</b> A randomized, controlled trial of cemented versus cementless press-fit condylar total knee replacement	Excluded as Jadad score < 3
13	<b>Kim et al.</b> The incidence of deep vein thrombosis after cementless and cemented knee replacement	Excluded as different outcome focus

14	<b>Matassi et al.</b> Cemented versus cementless fixation in total knee arthroplasty	Excluded due to study type (not RCT)
15	<b>McCaskie et al.</b> Randomised, prospective study comparing cemented and cementless total knee replacement	Excluded as Jadad score < 3
16	<b>Mont et al.</b> Long-term implant survivorship of cementless total knee arthroplasty: a systematic review of the literature and meta-analysis	Excluded due to study type (not RCT)
17	<b>Nakama et al.</b> Cemented, cementless or hybrid fixation options in total knee arthroplasty for osteoarthritis and other non-traumatic diseases (review)	Excluded due to study type (not RCT)
18	<b>Brown et al.</b> Comparison of Cemented and Uncemented fixation in total knee arthroplasty	Excluded due to study type (not RCT)
19	<b>Pecina et al.</b> Survival of cementless and cemented porous-coated anatomic knee replacements: retrospective cohort study	Excluded as intervention also included hybrid fixation.
20	<b>Kim et al.</b> Incidence of Fat Embolism Syndrome after Cemented or Cementless Bilateral Simultaneous and Unilateral Total Knee Arthroplasty	Excluded as different outcome focus