

Table 4b
Comparison of Articles

ARTICLE	OBJECTIVES	SEARCH STRATEGY	INCLUSION/EXCLUSION CRITERIA	USE OF META-ANALYSIS	VALIDITY OF ASSESSMENT OF PRIMARY STUDIES
Esposito M et al. Interventions for replacing missing teeth: different types of dental implants (Review). The Cochrane Library 2008, Issue 1.	Test a null hypothesis of no difference vs. true difference in clinical performance of various types of osseointegrated dental implants.	Comprehensive search. -Cochrane Oral Health Group's Trials Registrar, the Cochrane Central Register of Controlled Trials, MEDLINE, EMBASE -handsearching, checked bibliographies, wrote to authors and manufacturers -used personal contacts to attempt to find unpublished/ongoing RCTs -no language restriction -last electronic search done on June 13, 2007	Strict inclusion and exclusion criteria.	Yes – used for similar studies.	-assessed independently by 2 review authors -third review author consulted to resolve disagreement -authors contacted for clarification/missing information
Esposito M et al. A 5-Year Follow-up Comparative Analysis of the Efficacy of Various Osseointegrated Dental Implant Systems: A Systematic Review of Randomized Controlled Clinical Trials. The International Journal of Oral & Maxillofacial Implants, vol 2. no. 4, 2005.	Test a difference in failure rates between various osseointegrated dental implant systems after 5 years of loading.	Comprehensive search. -The Cochrane Oral Health Group's Trials Register, The Cochrane Central Register of Controlled Trials, MEDLINE, EMBASE -handsearching, checked bibliographies, contacted all authors of identified RCTs, contacted 55 oral implants manufacturers -personal contacts used and internet discussion group used to identify unpublished RCTs -no language restrictions -most recent electronic search on February 1, 2005	Moderate inclusion criteria. Exclusion criteria not clearly stated.	Yes – used for similar studies.	- assessed independently by 2 review authors -third review author consulted to resolve disagreement -authors contacted for clarification/missing information
Esposito et al. The role of implant surface modification, shape, and material on success of osseointegrated dental implants. <i>Eur J Prosthodont Restor Dent.</i>	Test null hypothesis of no difference in clinical performance of various root-formed osseointegrated dental implant types for replacing missing teeth vs the	Comprehensive search. -The Cochrane Oral Health Group's Trials Register, The Cochrane Central Register of Controlled Trials, MEDLINE, EMBASE -handsearching, checked bibliographies, contacted all authors of	Strict inclusion and exclusion criteria.	Yes – used for similar studies.	-assessed independently by 2 review authors - after accounting for additional information provided by authors of trials- studies were grouped based on the risk

2005 Mar;13(1):15-31.	alternative of a difference	<p>identified RCTs, contacted 55 oral implants manufacturers</p> <ul style="list-style-type: none"> -personal contacts used and internet discussion group used to identify unpublished RCTs -no language restrictions - most recent electronic search on June 28, 2004 			<p>of bias</p> <ul style="list-style-type: none"> - further quality assessment on sample size calculation, definition of exclusion inclusion criteria and comparability of control and test groups
<p>Jokstad, A., Braegger, U., Brunski, J.B., Carr, A.B., Naert, I., & Wennerberg, A. (2003). Quality of dental implants. <i>International Dental Journal</i>, 53(6 Suppl 2), 409-43.</p>	Test	<p>Comprehensive search.</p> <ul style="list-style-type: none"> -Medline, Embase and the Cochrane Oral Health Group specialist register -handsearching, checked bibliographies, identified all implants and implant systems evaluated in clinical trials <p>contacted all authors of identified RCTs, contacted 55 oral implants manufacturers</p> <ul style="list-style-type: none"> -personal contacts used and internet discussion group used to identify unpublished RCTs -no language restrictions - most recent electronic search on June 28, 2004 	<p>Inclusion criteria and exclusion criteria not clearly stated</p>		<p>Not mentioned how articles was critically appraised</p> <ul style="list-style-type: none"> - clinical trials were sorted according to methodology strength of study design