Appendix I. Rejected Abstract-Article

review
editorial
Meeting abstract, no full text
available.
After reading all the full toyt
After reading all the full text
selection, it appears that these
meeting abstract of 2011 led to
another article in 2013 (Circulation
Journal 2013 77:6 (1565-1573))that
is included in this systematic review
Not specific to AAA
Analyses were made for all heart
diseases (carotid, peripheral
arteries) and the conclusions were
made for all disease and nonspecific
for AAA.
IUI AAA.

10.1902/jop.2014.130604. Epub 2014 Feb 6.	
Appendix II. Amstar quality assessment for " Can periodontitis influence the pro	gression of
abdominal aortic aneurysm? A systematic review	
FINAL SCORE: 10/11	
1. Was an 'a priori' design provided? The research question and inclusion criteria should be established before the conduct of the review. Note: Need to refer to a protocol, ethics approval, or pre-	Yes No Can't answer
determined/a priori published research objectives to score a "yes."	Not applicable
2. Was there duplicate study selection and data extraction? There should be at least two independent data extractors and a consensus procedure for disagreements should be in place. Note: 2 people do study selection, 2 people do data extraction, consensus process or one person checks the other's work.	Yes No Can't answer Not applicable
3. Was a comprehensive literature search performed? At least two electronic sources should be searched. The report must include years and databases used (e.g., Central, EMBASE, and MEDLINE). Key words and/or MESH terms must be stated and where feasible the search strategy should be provided. All searches should be supplemented by consulting current contents, reviews, textbooks, specialized registers, or experts in the particular field of study, and by reviewing the references in the studies found. Note: If at least 2 sources + one supplementary strategy used, select "yes" (Cochrane register/Central counts as 2 sources; a grey literature search counts as supplementary).	Yes No Can't answer Not applicable
4. Was the status of publication (i.e. grey literature) used as an inclusion criterion?	✓ Yes

The authors should state that they searched for reports regardless of their publication type. The authors should state whether or not they excluded any reports (from the systematic review), based on their publication status, language etc. Note: If review indicates that there was a search for "grey literature" or "unpublished literature," indicate "yes." SINGLE database, dissertations, conference proceedings, and trial registries are all considered grey for this purpose. If searching a source that contains both grey and non-grey, must specify that they were searching for grey/unpublished lit.	□ No □ Can't answer □ Not applicable
5. Was a list of studies (included and excluded) provided? A list of included and excluded studies should be provided. Note: Acceptable if the excluded studies are referenced. If there is an electronic link to the list but the link is dead, select "no."	Yes No Can't answer Not applicable
6. Were the characteristics of the included studies provided? In an aggregated form such as a table, data from the original studies should be provided on the participants, interventions and outcomes. The ranges of characteristics in all the studies analyzed e.g., age, race, sex, relevant socioeconomic data, disease status, duration, severity, or other diseases should be reported. Note: Acceptable if not in table format as long as they are described as above.	Yes No Can't answer Not applicable
7. Was the scientific quality of the included studies assessed and documented? 'A priori' methods of assessment should be provided (e.g., for effectiveness studies if the author(s) chose to include only randomized, double-blind, placebo controlled studies, or allocation concealment as inclusion criteria); for other types of studies alternative items will be relevant. Note: Can include use of a quality scoring tool or checklist, e.g., Jadad scale, risk of bias, sensitivity analysis, etc., or a description of quality items, with some kind of result for EACH study ("low" or "high" is fine, as long as it is clear which studies scored "low" and which scored "high"; a summary score/range for all studies is not acceptable).	Not

8. Was the scientific quality of the included studies used appropriately in formulating conclusions? The results of the methodological rigor and scientific quality should be considered in the analysis and the conclusions of the review, and explicitly stated in formulating recommendations. Note: Might say something such as "the results should be interpreted with caution due to poor quality of included studies." Cannot score "yes" for this question if scored "no" for question 7.	Yes No Can't answer Not applicable
9. Were the methods used to combine the findings of studies appropriate? For the pooled results, a test should be done to ensure the studies were combinable, to assess their homogeneity (i.e., Chi-squared test for homogeneity, I2). If heterogeneity exists a random effects model should be used and/or the clinical appropriateness of combining should be taken into consideration (i.e., is it sensible to combine?). Note: Indicate "yes" if they mention or describe heterogeneity, i.e., if they explain that they cannot pool because of heterogeneity/variability between interventions.	Yes No Can't answer Not applicable
10. Was the likelihood of publication bias assessed? An assessment of publication bias should include a combination of graphical aids (e.g., funnel plot, other available tests) and/or statistical tests (e.g., Egger regression test, Hedges-Olken). Note: If no test values or funnel plot included, score "no". Score "yes" if mentions that publication bias could not be assessed because there were fewer than 10 included studies.	☐ Yes ☑ No ☐ Can't answer ☐ Not applicable
11. Was the conflict of interest included? Potential sources of support should be clearly acknowledged in both the systematic review and the included studies. Note: To get a "yes," must indicate source of funding or support for the systematic review AND for each of the included studies.	Yes No Can't answer Not applicable

Shea et al. BMC Medical Research Methodology 2007 7:10 doi:10.1186/1471-2288-7-10

Appendix III. SYRCLE's animal studies: Risk of bias

	Aoyama et al. 2011	Delbosc et al.	Aoyama et
		2011	al. 2013
(1) Was the allocation	yes	yes	yes
sequence adequately			
generated and applied?			
(2) Were the groups			
similar at baseline or			
were they adjusted for			
confounders in the			
analysis?			
-Was the distribution of			
relevant baseline	Yes	Yes	Yes
characteristics balanced			
for the intervention and			
control groups?			
-If relevant, did the			
investigators adequately			
adjust for unequal			
distribution of some			
relevant baseline			
characteristics in the			
analysis?	Yes	Yes	Yes
-Was the timing of			
disease induction			
adequate?			
aucquate:			
	<u> </u>	l	

(2)	yes	yes	yes
(3) Was the allocation to	Unclear	Unclear	Unclear
the different groups			
adequately concealed			
during?			
(4) Were the animals			
randomly housed during			
the experiment?			
5:111			
- Did the authors			
randomly place the cages	Unclear	Unclear	Unclear
or animals within the			
animal room/facility?			
-Is it unlikely that the			
outcome or the outcome			
measurement was			
influenced by not			
randomly housing the	Unclear	Unclear	Unclear
animals?			
(5) Were the caregivers	no	no	no
and/or investigators			
blinded from knowledge			
of which intervention			
each animal received			
during the experiment?			
6) Were animals selected	Unclear	Unclear	Unclear
at random for outcome			3.70.Cd1
assessment?			
assessment:			

7) Was the outcome			
assessor blinded?			
NA/a a balin din a af th a			
-Was blinding of the	Unclear	Unclear	Unclear
outcome assessor			
ensured, and was it			
unlikely that blinding			
could have been broken?			
-Was the outcome			
assessor not blinded, but			
do review authors judge			
that the outcome is not			
likely to be influenced by	Unclear	Unclear	Unclear
lack of blinding?			
(8) Were incomplete outcome data			
adequately addressed?			
-Were all animals			
included in the analysis?	Yes	Yes	No
	163	163	INO
-Were the reasons for			
missing outcome data			
unlikely to be related to	Unclear	Unclear	No
true outcome (e.g.,			
technical failure)?			
-Is missing outcome data			
balanced in numbers			
across intervention			
groups, with similar			

reasons for missing data			
across groups?			
23, 233 8, 0aps.	Unclear	Unclear	No
-Is missing outcome data			
imputed using			
appropriate methods?			
	Unclear	Unclear	no
(9) Are reports of the			
study free of selective			
outcome reporting?			
- Was the study protocol			
available and were all of	yes	yes	yes
the study's pre-specified			
primary and secondary			
outcomes reported in			
the current manuscript?			
(10) Was the study			
apparently free of other			
problems that could			
result in high risk of bias?			
(*)			
Was the study for a of			
-Was the study free of			
contamination (pooling			

drugs)?	Yes	Yes	yes
- Was the study free of			
inappropriate influence			
of funders?			
- Was the study free of unit of analysis errors?	Yes	Yes	Yes
- Were design-specific			
risks of bias absent?			
- Were new animals added to the control and	Unclear	Unclear	Unclear
experimental groups to replace dropouts from the original population?	Yes	No	Yes
	Unclear	Unclear	Unclear

Categories

1- Definitely low risk of bias, 2-Probably low risk of bias, 3- Probably high risk of bias,

4- Definitely high risk of bias

	Kurihara et al. 2004	Delbosc et al.2011	Suzuki et al. 2014
	Case series	Human controlled trial	Human controlled trial
Was administered dose or	4	3	3
exposure level adequately			
randomised?	(one group)		
Was allocation to study	4	3	3
groups adequately			
concealed?	(one group)		
Did selection of study			
participants result in			
appropriate comparison	1	1	1
groups?			
Did the study design or	4	3	4
analysis account for			
important confounding			
and			
modifying variables?			
Were experimental	1	1	1
conditions identical across			
study groups?			
Were the research	4	4	4
personnel and human			
subjects blinded to the			
study group during the			
study?			
Was outcome data	1	1	1
$complete\ without\ attrition$			
or exclusion from analysis?			

Can we be confident in the	1	1	1
exposure characterisation?			
Can we be confident in the	1	1	1
outcome assessment?			
Were all measured	1	1	1
outcomes reported?			
Were there no other			
potential threats to			
internal validity (e.g.,			
statistical			
methods were appropriate	2	1	1
and researchers adhered			
to the study protocol)?			
-Were statistical methods	2	1	1
appropriate?	2	_	
- Did researchers adhere to			
the study protocol?	4	1	1
- Did the study design or			
analysis account for	1	1	1
important confounding			
and			
modifying variables			
	4	4	4
(including unintended co-			
exposures) in experimental			
studies?			