Supplementary file 2.1: Tool to assess risk of bias in cohort of the study by Cazillo et al. (2015)

1. Was selection of exposed and non-exposed cohorts drawn from the same population?	Probably yes
2. Can we be confident in the assessment of exposure?	Definitely yes
3. Can we be confident that the outcome of interest was not present at start of study?	Probably no
4. Did the study match exposed and unexposed for all variables that are associated with the outcome of interest or did the statistical analysis adjust for these prognostic variables?	Probably yes
5. Can we be confident in the assessment of the presence or absence of prognostic factors?	Probably yes
6. Can we be confident in the assessment of outcome?	Definitely yes
7. Was the follow up of cohorts adequate?	Probably yes
8. Were co-interventions similar between groups?	Probably yes

Supplementary file 2.2: Tool to assess risk of bias in cohort of the study by Cazillo et al. (2017)

1. Was selection of exposed and non-exposed cohorts drawn from the same population?	Definitely
	yes
2. Can we be confident in the assessment of exposure?	Definitely
	yes
3. Can we be confident that the outcome of interest was not present at start of study?	Probably
	no
4. Did the study match exposed and unexposed for all variables that are associated with the	Probably
outcome of interest or did the statistical analysis adjust for these prognostic variables?	yes
5. Can we be confident in the assessment of the presence or absence of prognostic factors?	Probably
	yes
6. Can we be confident in the assessment of outcome?	Definitely
	yes
7. Was the follow up of cohorts adequate	Definitely
	yes
8. Were co-interventions similar between groups?	Definitely
	yes

Supplementary file 2.3: Tool to assess risk of bias in cohort of the study by Chapin et al.

1. Was selection of exposed and non-exposed cohorts drawn from the same	Definitely
population?	yes
2. Can we be confident in the assessment of exposure?	Definitely
	yes
3. Can we be confident that the outcome of interest was not present at start of study?	Probably no
4. Did the study match exposed and unexposed for all variables that are associated	Probably no
with the outcome of interest or did the statistical analysis adjust for these prognostic	
variables?	
5. Can we be confident in the assessment of the presence or absence of prognostic	Probably yes
factors?	
6. Can we be confident in the assessment of outcome?	Definitely
	yes
7. Was the follow up of cohorts adequate	Probably yes
8. Were co-interventions similar between groups?	Definitely
	yes

Supplementary file 2.4: Tool to assess risk of bias in cohort of the study by French et al.

1. Was selection of exposed and non-exposed cohorts drawn from the same population?	Probably no
2. Can we be confident in the assessment of exposure?	Definitely
	yes
3. Can we be confident that the outcome of interest was not present at start of study?	Probably no
4. Did the study match exposed and unexposed for all variables that are associated with	Probably yes
the outcome of interest or did the statistical analysis adjust for these prognostic	
variables?	
5. Can we be confident in the assessment of the presence or absence of prognostic	Probably yes
factors?	
6. Can we be confident in the assessment of outcome?	Definitelyyes
7. Was the follow up of cohorts adequate	Probably yes
8. Were co-interventions similar between groups?	Probably yes

Supplementary file 2.5: Tool to assess risk of bias in cohort of the study by Hankey et al.

1. Was selection of exposed and non-exposed cohorts drawn from the same population?	Probably yes
2. Can we be confident in the assessment of exposure?	Definitely yes
3. Can we be confident that the outcome of interest was not present at start of study?	Probably no
4. Did the study match exposed and unexposed for all variables that are associated with the outcome of interest or did the statistical analysis adjust for these prognostic variables?	Probably no
5. Can we be confident in the assessment of the presence or absence of prognostic factors?	Probably yes
6. Can we be confident in the assessment of outcome?	Definitely yes
7. Was the follow up of cohorts adequate	Probably yes
8. Were co-interventions similar between groups?	Probably yes

Supplementary file 2.6: Tool to assess risk of bias in case control study by Koizumi et al.

1. Can we be confident in the assessment of exposure?	Definitely
	yes
2. Can we be confident that cases had developed the outcome of interest and controls had	Definitely
not?	yes
3. Were the cases (those who were exposed and developed the outcome of interest)	Probably
properly selected?	yes
4. Were the controls (those who were exposed and did not develop the outcome of	Probably
interest) properly selected?	yes
5. Were cases and controls matched according to important prognostic variables or was	Definitely
statistical adjustment carried out for those variables?	yes

Supplementary file 2.7: Tool to assess risk of bias in cohort of the study by Lecumberri et al.

Was selection of exposed and non-exposed cohorts drawn from the same population?	Probably yes
2. Can we be confident in the assessment of exposure?	Definitely yes
3. Can we be confident that the outcome of interest was not present at start of study?	Probably no
4. Did the study match exposed and unexposed for all variables that are associated with the outcome of interest or did the statistical analysis adjust for these prognostic variables?	Probably no
5. Can we be confident in the assessment of the presence or absence of prognostic factors?	Definitely yes
6. Can we be confident in the assessment of outcome?	Definitely yes
7. Was the follow up of cohorts adequate	Definitely yes
8. Were co-interventions similar between groups?	Definitely yes

Supplementary file 2.8: Tool to assess risk of bias in cohort of the study by Ponto et al.

Was selection of exposed and non-exposed cohorts drawn from the same population?	Probably yes
2. Can we be confident in the assessment of exposure?	Definitely yes
3. Can we be confident that the outcome of interest was not present at start of study?	Probably no
4. Did the study match exposed and unexposed for all variables that are associated with the outcome of interest or did the statistical analysis adjust for these prognostic variables?	Probably yes
5. Can we be confident in the assessment of the presence or absence of prognostic factors?	Probably yes
6. Can we be confident in the assessment of outcome?	Definitely yes
7. Was the follow up of cohorts adequate	Probably yes
8. Were co-interventions similar between groups?	Definitely yes

Supplementary file 2.9: Tool to assess risk of bias in cohort of the study by Rim et al.

1. Was selection of exposed and non-exposed cohorts drawn from the same population?	Probably no
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2. Can we be confident in the assessment of exposure?	Probably
	yes
3. Can we be confident that the outcome of interest was not present at start of study?	Probably
	no
4. Did the study match exposed and unexposed for all variables that are associated with	Probably
the outcome of interest or did the statistical analysis adjust for these prognostic	yes
variables?	
5. Can we be confident in the assessment of the presence or absence of prognostic	Probably
factors?	yes
6. Can we be confident in the assessment of outcome?	Probably
	yes
7. Was the follow up of cohorts adequate	Probably
	yes
8. Were co-interventions similar between groups?	Definitely
	yes

Supplementary file 2.10: Tool to assess risk of bias in cohort of the study by Rudkin et al.

Was selection of exposed and non-exposed cohorts drawn from the same population?	Probably yes
2. Can we be confident in the assessment of exposure?	Definitely yes
3. Can we be confident that the outcome of interest was not present at start of study?	Probably no
4. Did the study match exposed and unexposed for all variables that are associated with the outcome of interest or did the statistical analysis adjust for these prognostic variables?	Probably no
5. Can we be confident in the assessment of the presence or absence of prognostic factors?	Probably yes
6. Can we be confident in the assessment of outcome?	Definitely yes
7. Was the follow up of cohorts adequate	Definitely yes
8. Were co-interventions similar between groups?	Definitely yes

Supplementary file 2.11: Tool to assess risk of bias in cohort of the study by Toft-Peterson et al.

Was selection of exposed and non-exposed cohorts drawn from the same population?	Probably no
2. Can we be confident in the assessment of exposure?	Definitely yes
3. Can we be confident that the outcome of interest was not present at start of study?	Probably no
4. Did the study match exposed and unexposed for all variables that are associated with the outcome of interest or did the statistical analysis adjust for these prognostic variables?	Probably yes
5. Can we be confident in the assessment of the presence or absence of prognostic factors?	Probably yes
6. Can we be confident in the assessment of outcome?	Definitely yes
7. Was the follow up of cohorts adequate	Definitely yes
8. Were co-interventions similar between groups?	Definitely yes