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| Supplementary Table 2. Critical Appraisal of Studies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cohort Studies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Author/Year | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Item | Ramos et al 2022 | Bekkhus et al 2021 | Hoyer et al 2020 | Gelaye et al 2020 | Tomfohr-Madsen et al 2019 | Ramos et al 2019 | Gonzalez-Mesa et al 2019 | Khalesi & Bokaie 2018 | Ravid et al 2018 | Yonkers et al 2017 | Bindt et al 2013 | Uguz et al 2013 | Hernandez-Martinez et al 2011 | Sopajaree, 2000 | Wulandari et al 2018 | Serrano-Villa et al 2016 | Hosseini et al 2009 | Nasiri et al 2010 | Reyes and Upvall 2016 | Bhagwanni et al 1997 | Li et al 2021 | Lalani et al 2021 | Adhikari et al 2020 | Weis et al 2020 | Nasreen et al 2019 | Doktorchik et al 2018 | Owen et al 2017 | Liou et al 2016 | Pesonen et al 2016 | Callesen et al 2015 | Ibanez et al 2012 | Catov et al 2010 | Glynn et al 2008 | Andersson et al 2004 | Dayan et al 2002 | Perkin et al 1993 | Pagel et al 1990 | Copper et al 1996 | Bödecs et al 2011 | Berle et al 2005 |
| 1) Were the two groups similar and recruited from the same population? | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| 2) Were the exposures measured similarly to assign people to both exposed and unexposed groups? | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| 3) Was the exposure measured in a valid and reliable way? | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Unclear | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| 4) Were confounding factors identified? | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | Yes | No | Yes | Yes | No | Yes | Yes | No | No | Yes | No | Yes | Yes | Yes | Yes | Yes | No | Yes | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| 5) Were strategies to deal with confounding factors stated? | Yes | Yes | Yes | Yes | Yes | Yes | Unclear | No | No | Yes | Yes | No | Yes | Yes | No | Yes | Yes | No | No | Unclear | No | Yes | Yes | Yes | Yes | Yes | No | Yes | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Unclear | Yes |
| 6) Were the groups/participants free of the outcome at the start of the  study (or at the moment of exposure)? | Not Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable | No | Not Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable |
| 7) Were the outcomes measured in a valid and reliable way? | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | Yes | Yes | Unclear | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| 8) Was the follow-up time reported and sufficient to be long enough for  outcomes to occur? | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| 9) Was follow up complete, and if not, were the reasons to loss to follow  up described and explored? | No | No | Yes | Unclear | Unclear | Yes | Yes | Unclear | No | Unclear | Yes | Unclear | Yes | Yes | No | Yes | Yes | No | Unclear | Yes | Unclear | Unclear | Unclear | Unclear | Unclear | Unclear | Yes | Yes | Unclear | Unclear | Yes | Unclear | Unclear | Yes | Yes | Yes | Unclear | Unclear | Yes | Unclear |
| 10) Were strategies to address incomplete follow up utlized? | Unclear | Unclear | Unclear | Unclear | Unclear | Yes | Not Applicable | Unclear | Unclear | Yes | Unclear | Unclear | Unclear | Unclear | Unclear | Unclear | Unclear | Unclear | Unclear | Unclear | Unclear | Unclear | Unclear | Unclear | Unclear | Unclear | Unclear | Unclear | Unclear | Unclear | Unclear | Not Applicable | Unclear | Unclear | Unclear | Unclear | Unclear | Unclear | Unclear | Unclear |
| 11) Was appropriate statistical analysis used? | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Unclear | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Case Control Studies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Item | Sanchez et al 2013 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1) Were the groups comparable other than the presence of  disease in cases or the absence of disease in controls? | Yes |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2) Were cases and controls matched appropriately? | Yes |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3) Were the same criteria used for identification of cases and controls? | Yes |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4) Was exposure measured in a standard, valid, and reliable way? | Yes |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5) Was exposure measured in the same way for cases and controls? | Yes |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6) Were confounding factors identified? | Yes |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7) Were strategies to deal with confounding factors stated? | Yes |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8) Were outcomes assessed in a standard, valid, and reliable way for cases and controls? | Yes |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9) Was the exposure period of interest long enough to be meaningful? | Yes |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10) Was appropriate statistical analysis used? | Yes |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |