

Supplementary table S5: Risk of bias assessment of case cohort studies according to Newcastle - Ottawa quality assessment scale:

Assessment criteria / Study author	1. Is the case definition adequate?	2. Representativeness of the cases:	3. Selection of Controls	4. Definition of Controls	5. Comparability of cases and controls on the basis of the design or analysis	6. Ascertainment of exposure	7. Same method of ascertainment for cases and controls	8. Non-Response rate
Lautenbach, E.	Green	Green	Yellow	Yellow	Green	Green	Green	Green
Apisarnthanarak, A.	Green	Green	Yellow	Green	Green	Green	Green	Green
Briongos-Figuero, L-S.	Green	Green	Yellow	Yellow	Grey	Green	Green	Green
Stone, P.W.	Green	Green	Brown	Yellow	Grey	Green	Green	Green
Kola, A.	Green	Green	Yellow	Yellow	Green	Green	Green	Green
Tsai, M.H.	Green	Green	Yellow	Yellow	Yellow	Green	Green	Green
Maslikowska, J.A.	Green	Green	Yellow	Yellow	Green	Green	Green	Green
Nguyen, M. L.	Green	Green	Yellow	Yellow	Yellow	Green	Green	Green
Denis, B.	Green	Green	Yellow	Green	Yellow	Green	Green	Green
Chopra, T.	Green	Green	Yellow	Yellow	Green	Green	Green	Green
Skippen, I.	Green	Green	Yellow	Yellow	Yellow	Green	Grey	Green
Apisarnthanarak, A.	Green	Green	Yellow	Yellow	Yellow	Green	Green	Green
Tumbarello, M.	Green	Green	Yellow	Yellow	Green	Green	Green	Green
Apisarnthanarak, A.	Green	Green	Yellow	Yellow	Green	Green	Green	Green
Kanafani, Z. A.	Green	Green	Yellow	Yellow	Green	Green	Green	Green
Zaoutis, T. E.	Green	Green	Yellow	Yellow	Yellow	Green	Green	Green
Song, K. H.	Green	Green	Yellow	Yellow	Green	Green	Green	Green
Kang, C. I.	Green	Green	Yellow	Yellow	Grey	Green	Green	Green
Rodriguez-Bano, J.	Green	Green	Yellow	Yellow	Yellow	Green	Green	Green
Lin, J. N.	Green	Green	Yellow	Yellow	Green	Green	Green	Green
Ku, N. S.	Green	Green	Yellow	Yellow	Green	Green	Green	Green
Kang, C. I.	Green	Green	Yellow	Yellow	Green	Green	Green	Green
Huang, Y. Y.	Green	Green	Yellow	Yellow	Yellow	Green	Green	Green
Komatsu, Y.	Green	Green	Yellow	Yellow	Yellow	Green	Green	Green
Liu, M. M.	Green	Green	Yellow	Green	Yellow	Green	Green	Green

Risk of bias assessment of cohort studies according to Newcastle - Ottawa quality assessment scale:

Study author / Assessment criteria	1. Representativeness of exposed cohort	2. Selection of non-exposed cohort	3. Ascertainment of exposure	4. Demonstration that outcome of interest not present at start	5. Comparability based on design or analysis	6. Assessment of outcome	7. Follow-up long enough for outcome	8. Adequacy of follow up of cohorts
Jean, S.S.	Yellow	Green	Green	Green	Green	Yellow	Green	Green
Bhavnani, S. M.	Green	Green	Green	Green	Yellow	Yellow	Green	Green
Blomberg, B.	Yellow	Green	Green	Green	Grey	Yellow	Green	Green
Pena, C.	Green	Green	Green	Green	Yellow	Yellow	Green	Green
Onken, A.	Green	Green	Green	Green	Grey	Yellow	Green	Green
Melzer, M.	Green	Green	Green	Green	Grey	Yellow	Green	Green
Bennet, J.	Green	Green	Green	Green	Yellow	Yellow	Green	Green
Wu, Y.	Yellow	Green	Green	Green	Yellow	Yellow	Green	Green
Abhilash, K.	Green	Green	Green	Green	Green	Yellow	Yellow	Green
Artero, A.	Yellow	Green	Green	Green	Green	Yellow	Green	Green
Islas-Munos, B.	Green	Green	Green	Green	Yellow	Yellow	Green	Green
Marando, R.	Green	Green	Green	Green	Green	Yellow	Green	Green
Razazi, K.	Green	Green	Green	Green	Green	Yellow	Green	Green
Ray, S.	Green	Green	Green	Green	Yellow	Yellow	Green	Green
Panhotra, B.	Green	Green	Green	Green	Green	Yellow	Green	Green
Kim, S.	Green	Green	Green	Green	Green	Yellow	Green	Green
Chayakulkeeree, M.	Green	Green	Green	Green	Green	Yellow	Green	Green
Apisarntharak, A.	Yellow	Green	Green	Green	Green	Yellow	Green	Green
Ha, Y.	Yellow	Green	Green	Green	Yellow	Yellow	Green	Green
Du, B	Green	Green	Green	Green	Green	Yellow	Green	Green
Pillay, T.	Yellow	Green	Green	Green	Grey	Yellow	Green	Green
Kim, B.	Green	Green	Green	Green	Green	Yellow	Green	Green
Kim, Y	Green	Green	Green	Green	Green	Yellow	Green	Green
Marra, A.	Green	Green	Green	Green	Green	Yellow	Green	Green
Schwaber, M.	Yellow	Green	Green	Green	Green	Yellow	Green	Green
Leistner, R.	Green	Green	Green	Green	Yellow	Yellow	Green	Green
Loh, L.C.	Green	Green	Green	Green	Green	Yellow	Green	Red
Trecarichi, E.	Yellow	Green	Green	Green	Yellow	Yellow	Green	Green
Tuon, F.	Green	Green	Green	Green	Green	Yellow	Green	Green
Kang, C. I.	Yellow	Green	Green	Green	Green	Yellow	Green	Green
Pena, C.	Green	Green	Green	Green	Grey	Yellow	Green	Green
Tumbarello, M.	Yellow	Green	Green	Green	Green	Yellow	Green	Green
Gurntke, S.	Green	Green	Green	Green	Green	Yellow	Green	Green
Oh, M.	Yellow	Green	Green	Green	Green	Yellow	Green	Green
Leistner, R.	Green	Green	Green	Green	Grey	Yellow	Green	Green
Anunnatsiri	Yellow	Green	Green	Green	Green	Yellow	Green	Green

Raviv, Y.	Yellow	Green	Green	Green	Yellow	Yellow	Green	Green
Kim, H.J.	Yellow	Green	Green	Green	Green	Yellow	Green	Green
MacVane, S.	Yellow	Green	Green	Green	Green	Yellow	Green	Green
Shanthi	Yellow	Green	Green	Green	Yellow	Yellow	Green	Green
Han, S.B.	Yellow	Green	Green	Green	Green	Yellow	Green	Green
Lee, S.	Green	Green	Green	Green	Yellow	Yellow	Green	Green
Chen, I-L.	Green	Green	Green	Green	Yellow	Yellow	Green	Green
Ma, J.	Green	Green	Green	Green	Green	Yellow	Green	Green
Man, M.	Yellow	Green	Green	Green	Yellow	Yellow	Green	Green
Namikawa, H.	Yellow	Green	Green	Green	Yellow	Yellow	Green	Green
Shi, S.	Yellow	Green	Green	Green	Grey	Yellow	Green	Green
Tanir Basarangolu, S.	Yellow	Green	Green	Green	Yellow	Yellow	Green	Green
Haruki, Y.	Yellow	Green	Green	Green	Green	Yellow	Green	Green
Lin, W.	Green	Green	Green	Green	Grey	Yellow	Green	Green
Buys, H.	Green	Green	Green	Green	Green	Yellow	Green	Green
Lee, C.C.	Yellow	Green	Green	Green	Yellow	Yellow	Green	Green
Nivesvivat, T.	Yellow	Green	Green	Green	Green	Yellow	Green	Green