Prognostic significance of positive peritoneal cytology in resectable pancreatic cancer: a systemic review and meta-analysis

Supplementary Materials

Supplementary Table 1: Risk of bias in the included retrospective cohort studies (by the Newcastle–Ottawa quality assessment tool)

References	Selection/4	Comparability/2	Outcome/3	Total score
Iwagami	3	2	3	8
Satoi	3	1	2	6
Hirabayashi	3	1	2	6
Aoyama	3	1	3	7
Yamada	3	1	2	6
Yoshioka	3	2	3	8
Ferrione	3	1	2	6
Meszoely	3	1	2	6
Konishi	3	1	2	6
Yachida	3	1	2	6

Appendix: Newcastle-Ottawa Scale (NOS) for quality assessment

Selection	
Representativeness of the exposed cohort	a) truly representative of the average potentially resectable pancreatic cancer in the community (※) b) somewhat representative of the average potentially resectable pancreatic cancer in the community (※) c) selected group of users eg nurses, volunteers d) no description of the derivation of the cohort
Selection of the non-exposed cohort	a) drawn from the same community as the exposed cohort (※) b) drawn from a different source c) no description of the derivation of the non- exposed cohort
Ascertainment of exposure	a) surgical records (※) b) structured interview (※) c) written self report d) no description
Demonstration that outcome of interest was not present at start of study	a) yes (※) b) no
Comparability	
Comparability of cohorts on the basis of the design or analysis	a) The tumor size between exposed cohort and non-exposed cohort had no statistical differences(※) b) The age(sex, T, N stage etc) between exposed cohort and non-exposed cohort had no statistical differences (※)
Outcome	
Assessment of outcome	a) independent blind assessment (※) b) record linkage (※) c) self report d) no description
Was follow-up long enough for outcomes to occur? (death or recurrence)	a) yes (24 months) (※) b) no
Adequacy of follow up of cohorts	a) complete follow up - all subjects accounted for (※) b) subjects lost to follow up unlikely to introduce bias - small number lost (less than 25%) or description provided of those lost) (※) c) follow up rate < 75% and no description of those lost d) no statement

Note: A study can be awarded a maximum of one star for each numbered item within the Selection and Outcome categories. A maximum of two stars can be given for Comparability.