NEWCASTLE - OTTAWA QUALITY ASSESSMENT SCALE
COHORT STUDIES

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

Selection

1) Representativeness of the exposed cohort
   a) truly representative of the average COPD patients in the community ★
   b) somewhat representative of the average COPD patients in the community
   c) selected group of users eg nurses, volunteers
   d) no description of the derivation of the cohort

2) 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

3) Ascertainment of exposure
   a) secure record (eg surgical records) ★
   b) structured interview ★
   c) written self report
   d) no description

4) Demonstration that outcome of interest was not present at start of study
   a) yes ★
   b) no

   Question not relevant. This question will be excluded because the interest outcome will be mortality.

Therefore, by definition, all patients will be alive at the start of each study.

Comparability

1) Comparability of cohorts on the basis of the design or analysis
   a) study controls for _comorbidities_ (select the most important factor) ★
   b) study controls for any additional factor ★ (This criteria could be modified to indicate specific control for a second important factor.) age, sex ratio, PaCO2, BMI, FEV1

Outcome

1) Assessment of outcome
   a) independent blind assessment ★
   b) record linkage ★
   c) self report
   d) no description

2) Was follow-up long enough for outcomes to occur
   a) yes (select an adequate follow up period for outcome of interest) > 2 years
   b) no

3) 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 - (select an adequate%) follow up, or description provided of those lost ★ > 80 %
   c) follow up rate (select an adequate %) < 80 % and no description of those lost
   d) no statement