Modified Newcastle – Ottawa Quality Assessment Scale

Prospective Cohort Studies - Outcome adiposity measure

Note: A study can be awarded a maximum of one star for item number 1 and two stars for item number 2 within the Selection category, a maximum of one star for each numbered item within the Outcome category and a maximum of two stars can be given for Comparability. (Total - maximum of 7 stars)

Selection (maximum of 3 stars)
1) Representativeness of the exposed cohort
   a) truly representative of the source population ★
   b) somewhat representative of the source population ★
   c) selected group of users e.g. nurses, volunteers
   d) no description of the derivation of the cohort

2) Assessment of the exposure (dietary sodium/salt intake)
   a) 24-hr urine collection (1 or more) ★ ★
   b) 24-hr dietary recall method (1 or more) ★
   c) Weighed dietary record (1 or more days) ★
   d) Urine sample: spot, timed or overnight
   e) Food frequency questionnaire

Comparability (maximum of 2 stars)
1) Comparability of cohorts on the basis of the design or analysis
   a) study controls for age and gender ★
   b) study controls for energy intake ★
   c) Only unadjusted model presented

Outcome (maximum of 2 stars)
1) Assessment of outcome
   a) objectively measured adiposity outcome (e.g. body weight and height for BMI) ★
   b) self report body weight and height
   c) no description

2) Adequacy of follow up of cohorts
   a) complete follow up - all subjects accounted for ★
   b) subjects lost to follow up unlikely to introduce bias - >75% follow up, or description provided of those lost) ★
   c) follow up rate <75% and no description of those lost
   d) no statement
Modified Newcastle – Ottawa Quality Assessment Scale

Cross-sectional Studies - Outcome adiposity measure

Note: A study can be awarded a maximum of one star for item number 1 and two stars for item number 2 within the Selection category, a maximum of one star for each numbered item within the Outcome category and a maximum of two stars can be given for Comparability. (Total - maximum of 7 stars)

Selection (Maximum 3 stars)
1) Representativeness of the exposed cohort (maximum of one star)
   a) truly representative of the source population ★
   b) somewhat representative of the source population ★
   c) selected group of users eg nurses, volunteers
d) no description of the derivation of the cohort

2) Assessment of the exposure (dietary sodium/salt intake) (maximum of two stars)
   a) 24-hr urine collection (1 or more) ★ ★
   b) 24-hr dietary recall method (1 or more) ★
   c) Weighed dietary record (1 or more days) ★
   d) Urine sample: spot, timed or overnight
e) Food frequency questionnaire

Comparability (Maximum of 2 stars)
1) Methods to control confounding
   a) study controls for age and sex ★
   b) study controls for energy intake ★

Outcome (Maximum of 2 stars)
1) Assessment of outcome (maximum of one star)
   a) objectively measured adiposity outcome (e.g. body weight and height for BMI) ★
   b) self report body weight and height
c) no description

2) Non-Response rate (maximum of one star)
   a) Non-response rate ≤20% ★
   b) Non-response rate >20%
c) no description
Modified Newcastle – Ottawa Quality Assessment Scale

Prospective Cohort Studies – Outcome SSB Intake

Note: A study can be awarded a maximum of one star for item number 1 and 2 stars for item number 2 within the Selection category, a maximum of one star for each numbered item within the Outcome category and a maximum of one star can be given for Comparability. (Total - maximum of 6 stars)

Selection (maximum of 3 stars)
1) Representativeness of the exposed cohort
   a) truly representative of the source population ★
   b) somewhat representative of the source population ★
   c) selected group of users e.g. nurses, volunteers
   d) no description of the derivation of the cohort

2) Assessment of the exposure (dietary sodium/salt intake)
   a) 24-hr urine collection (1 or more) ★ ★
   b) 24-hr dietary recall method (1 or more) ★
   c) Weighed dietary record (1 or more days) ★
   d) Urine sample: spot, timed or overnight
   e) Food frequency questionnaire

Comparability (maximum of 1 stars)
1) Comparability of cohorts on the basis of the design or analysis
   a) study controls for age and gender ★
   b) Only unadjusted model presented

Outcome (maximum of 2 stars)
1) Assessment of outcome
   a) validated dietary assessment tool used to quantify SSB intake ★
   b) unvalidated dietary assessment tool used to determine SSB intake
   d) no description

2) Adequacy of follow up of cohorts
   a) complete follow up - all subjects accounted for ★
   b) subjects lost to follow up unlikely to introduce bias - ( > 75% follow up, or description provided of those lost) ★
   c) follow up rate <75% and no description of those lost
   d) no statement
Modified Newcastle – Ottawa Quality Assessment Scale

Cross-sectional Studies – Outcome SSB Intake

Note: A study can be awarded a maximum of one star for item number 1 and 2 stars for item number 2 within the Selection category, a maximum of one star for each numbered item within the Outcome category and a maximum of one star can be given for Comparability. (Total - maximum of 6 stars)

Selection (Maximum 3 stars)
1) Representativeness of the exposed cohort
   a) truly representative of the source population ★
   b) somewhat representative of the source population ★
   c) selected group of users eg nurses, volunteers
d) no description of the derivation of the cohort

2) Assessment of the exposure (dietary sodium/salt intake)
   a) 24-hr urine collection (1 or more) ★ ★
   b) 24-hr dietary recall method (1 or more) ★
   c) Weighed dietary record (1 or more days)★
   d) Urine sample: spot, timed or overnight
e) Food frequency questionnaire

Comparability (Maximum of 1 stars)
1) Methods to control confounding
   a) study controls for age and sex★
   b) Only unadjusted model presented

Outcome (Maximum of 2 stars)
1) Assessment of outcome
   a) validated dietary assessment tool used to quantify SSB intake ★
   b) unvalidated dietary assessment tool used to quantify SSB intake
c) no description

2) Non-Response rate
   a) Non-response rate ≤20% ★
   b) Non-response rate >20%
   c) no description