

NEWCASTLE-OTTAWA SCALE FOR ASSESSING THE QUALITY OF INCLUDED STUDIES

A STUDY CAN SCORE A MAXIMUM OF 10 STARS

Selection (maximum 2 stars)

- 1) Representativeness of the study sample (maximum 2 stars)
 - a. truly representative of the source population ★★
 - b. somewhat representative of the source population ★
 - c. selected group of users eg. small age range, single gender, small sample size
 - d. no description of the derivation of the cohort

Comparability (maximum 1 star)

- 1) Normalisation of urine collection time
 - a. collection normalized to 24-hour period ★
 - b. some other normalization applied to results ★
 - c. results not normalized
 - d. unclear as to whether results were normalized

Assessment of Outcome: 24-hour urine collection (maximum 7 stars)

- 1) Instructions given to participants (maximum 2 stars)
 - a. clear instructions given to both the parents and the child participant ★★
 - b. instructions only given to either the parent or the participant★
 - c. unclear as to the level of instruction given
- 2) Start/stop time of urine collection (maximum 1 star)
 - a. parent or researcher recorded the start and stop time ★
 - b. child reported start and stop time
 - c. no information provided
- 3) Sample inclusion/exclusion criteria (maximum 4 stars)
 - a. time of collection ★
 - b. volume of collection ★
 - c. number of missed samples/spillages ★
 - d. creatinine cutoff ★
 - e. no description of urine exclusion/inclusion criteria