

Key Question: 1 & 2 Data Extraction Form

RefID:

Author:

Please record first author's last name and the year of the publication.

Setting:

- Emergency Department/Urgent Care
- Primary Care (community/family practice or equivalent)

Test

Please specify either BNP or NT-proBNP or both that was tested, and specify unit(s) (e.g. pg/ml; pmol/l).

- BNP
- NT-proBNP

Prevalence

Please report % of prevalence.

(Definition of Prevalence: The proportion of people in a defined group who have a disease, condition or injury. In the context of diagnosis, this is also called “pre-test probability.”)

Mean BNP/NT-proBNP

Provide mean of BNP/NT-proBNP and corresponding SD (in brackets) for study samples; Specify units (pg/ml, pmol/l)

Decision Cut Point

For studies that report decision cut points, provide all the cut points in this column with the units (pg/ml, pmol/l). Remember to report all corresponding test performance measures (sens, spec, etc.) in their appropriate columns.

Population

Report all population characteristics: Comorbidities, Age Categories, Gender, and Race Groups. If studies provided results of test performances by these populations (comorbidities, age categories, gender, and race groups), remember to report all test performance measures in their appropriate column).

- Overall
- Age categories (e.g. age>50, age<50)
- Gender (Female/Male)
- Comorbidities (e.g. Non-Dyspnea/Dyspnea/Diabetes/)
- Race/ethnicity (e.g. White/Hispanic/Caucasian/Asians)

Sens (sensitivity)

Please express sensitivity in proportions (e.g. if study have expressed sensitivity in percentage (e.g. 65%), report it as 0.65).

Confidence level

Where reported, specify level of confidence (e.g. 95%, 90%)

Sens.lower/upper (sensitivity lower/upper)

Please express sensitivity's confidence level limits as proportions (e.g. if study have expressed sensitivity in percentage (e.g. 65%), report it as 0.65).

Spec. (specificity)

Please express specificity as proportions (e.g. if study have expressed sensitivity in percentage (e.g. 65%), report it as 0.65)

Spec. lower/upper (specificity lower/upper)

Please express specificity confidence level limits as proportions (e.g. if study have expressed sensitivity in percentage (e.g. 65%), report it as 0.65)

PLR (positive likelihood ratio) *Please record as reported.*

Plr.lower/upper (lower/upper confidence interval for positive likelihood ratio)

Please record as reported.

Negative LR (negative likelihood ratio) *Please record as reported.*

Nlr.lower/upper (lower/upper confidence interval for negative likelihood ratio)

Please record as reported.

TP (true positive) *Please record as reported.*

FP (false positive) *Please record as reported.*

FN (false positive) *Please record as reported.*

TN (true negative) *Please record as reported.*

n (sample size for study) *Please record as reported.*

PPV (positive predictive value) *Please record as reported.*

PPV lower(Positive predictive value lower confidence interval *Please record as reported.*

PPV Upper (Positive predictive value upper confidence interval *Please record as reported.*

NPV (negative predictive value) *Please record as reported.*

NPV lower(Negative predictive value lower confidence interval *Please record as reported.*

NPV Upper (Negative predictive value upper confidence interval *Please record as reported.*

Diagnostic Accuracy *Please record as reported*

AUC (area under the curve) *Please record as reported.*

AUC lower(Area under curve lower confidence interval *Please record as reported.*

AUC upper(Area under curve upper confidence interval *Please record as reported.*

Pre-test Probability *Please record as reported.*

(Definition of Pre-test Probability: The proportion of people with the target disorder in the population at risk at a specific time (point prevalence) or time interval (period prevalence).)

Pre-test Odds *Please record as reported.*

(Definition of Pre-test Odds: The odds that the patient has the target disorder before the test is carried out.)

Post-test Probability *Please record as reported.*

(Definition of Post-test Probability: The proportion of patients with that particular test result who have the target disorder.)

Post-test Odds *Please record as reported.*

(Definition of Post-test Odds: The odds that the patient has the target disorder after the test is carried out.)