Key Question: 3, 4, & 5 Data Extraction Form

RefID:

Screener: *Please record your name.*

Author, Year: *Please record first author's last name and the year of the publication.*

Setting:
- Hospital
- Outpatient Clinic/Ambulatory care
- Family practice

Study Design *Please refer to* **Study Design Descriptions** *if needed.*

- Randomized Controlled Trials (RCTs)
- Controlled Clinical Trials (CCTs)
- Cohort
- Before/After/Time-series

n (overall sample size for study and specific populations) *Please record as reported.*

Population

Report all population characteristics: Comorbidities, Age Categories, Gender, Race Groups, Population Sub-types, BNP cut-points, and Prognostic Tools used. If studies provided results or information of outcomes, time-points, admissions/discharge/change, statistical measures (e.g. HR, OR), etc. for specific populations, please remember to report all in their appropriate column).

- Overall
- Age categories (e.g. age>50, age<50)
- Gender (Female/Male)
- Comorbidities (e.g. Non-Dysponea/Dysponea/Diabetes/)
- Race/ethnicity (e.g. White/Hispanic/Caucasian/Asians)
- Population Sub-types Types (e.g. survivors/non-survivors, with/without readmission or death, acute/chronic or chronic with acute, etc.)
- BNP/NT-proBNP cut-points (e.g. BNP >= 541, BNP < 541)
- Prognostic measures (e.g. NYHA, ejection fraction, electrocardiographic measures, etc.).
- Doubling of NT-proBNP
- Quintile 1
- Quintile 2
- Tertile 1

*Please note that population characteristics will vary across studies. Please capture all that is reported. The above list is only an example.

Specify Population Units

Specify units (pg/ml, pmol/l) for corresponding population characteristics.

Sub-population

Utilize this column for sub-population descriptions. For instance, if study tested a group of survivors (population) within a BNP level or >=541 (sub-population).

- Age categories (e.g. age>50, age<50)
- Gender (Female/Male)
- Comorbidities (e.g. Non-Dysponea/Dysponea/Diabetes/)
- Race/ethnicity (e.g. White/Hispanic/Caucasian/Asians)
- Population Sub-types Types (e.g. survivors/non-survivors, with/without readmission or death, acute/chronic or chronic with acute, etc.)
- BNP/NT-proBNP cut-points (e.g. BNP >= 541, BNP < 541)
- Prognostic Tools (e.g. NYHA, ejection fraction, electrocardiographic measures, etc.).

*Please note that population characteristics will vary across studies. Please capture all that is reported. The above list is only an example.

Kaplan-Meier
Please specify if the number of events and timepoints of outcome assessments were extracted from Kaplan-Meier Curve. Please record a "Yes" or "No."

Timepoint of Outcome Assessments
Report all the different times of outcome assessments (e.g. 6 months, during hospital stay). Time of assessments will differ across studies, could be days, weeks, months or years.

Outcome Type
Please report all types of outcomes.
- All-Cause Mortality
- Heart Failure Mortality
- All-Cause Hospitalization
- Number of Hospitalization
- Heart Failure Hospitalization
- Planned Hospitalization
- Unplanned Hospitalization

# of Events *Please record number of events according to the outcomes, as reported in Outcome Type column.*

 # at Risk *Please record number of risk according to the total number of patients in each group.*

BNP/NT-proBNP Admission Levels (Mean)
Report all Mean levels of BNP/NT-proBNP during Admission.

BNP/NT-proBNP Admission Levels (SD) *Please also specify standard deviations of admission levels.*

BNP/NT-proBNP Admission Levels (Median) *Please also specify the median of admission levels.*

BNP/NT-proBNP Admission Levels (IQR) *Please also specify the interquartile range of admission levels.*

BNP/NT-proBNP Discharge Levels (Mean) *Report all Mean levels of BNP/NT-proBNP during Discharge.*

BNP/NT-proBNP Discharge Levels (SD) *Please also specify standard deviations of Discharge levels.*

BNP/NT-proBNP Discharge Levels (Median) *Report all Median levels of BNP/NT-proBNP during Discharge.*

BNP/NT-proBNP Discharge Levels (IQR) *Report all interquartile range of BNP/NT-proBNP during Discharge.*

BNP/NT-proBNP Change (Mean) *If provided, please report the Mean change of BNP/NT-proBNP.*

BNP/NT-proBNP Change (SD) *Please also specify standard deviations of change in BNP/NT-proBNP levels.*

BNP/NT-proBNP Change (Median) *Please also specify the median of change in BNP/NT-proBNP levels.*

BNP/NT-proBNP Change (IQR) *Please also specify interquartile range of change in BNP/NT-proBNP levels.*

Specify BNP/NT-proBNP Units *Specify units (pg/ml, pmol/l) for corresponding BNP/NT-proBNP Levels.*

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

Model Used *Specify type of statistical model used. e.g. cox proportional, logistic regression*

Adjusted/Unadjusted *Please report whether the model used was adjusted or unadjusted.*

Covariates in the Model, if Adjusted *If model is adjusted, please report the variable that were adjusted for. E.g. Age, Gender, LVEF, BNP cutpoint, etc.*

HR (Hazard Ratio) *Please record as reported.*

HR LCI/UCI (lower/upper confidence interval for hazard ratio) *Please record as reported.*

RR (Risk Ratio/Relative Risk) *Please record as reported.*

RR LCI/UCI (lower/upper confidence interval for risk ratio) *Please record as reported.*

OR (Odds Ratio) *Please record as reported.*

OR LCI/UCI (lower/upper confidence interval for odds ratio) *Please record as reported.*

Positive LR (positive likelihood ratio) *Please record as reported.*

Positive LR.lower/upper (lower/upper confidence interval for positive likelihood ratio) *Please record as reported.*

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

Negative LR.lower/upper (lower/upper confidence interval for negative likelihood ratio) *Please record as reported.*

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

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).*

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)*

AUC (Area under the curve) *Please record as a proportion.*

Any Comments *Please use this column for any comments.*