|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Table J-29. Studies evaluating independent predictive value of BNP for the outcome of composite of cardiovascular mortality and cardiovascular morbidity in patients with stable heart failure | | | | | | | | |
| **Author**  **Year** | **Study Design**  **Population** | **n**  **Mean Age (SD)**  **% male** | **BNP Levels (pg/mL)** | **Prognostic Markers** | **Followup**  **Outcomes**  **(#events, #risk)** | **Model** | **Adjusted/Non-**  **adjusted**  **Covariates** | **Measure(s) of**  **Risk**  **(95% CI,)** |
| Kruger,88  2005 | Cohort  Patients with chronic HF | n=85  mean age:  59y(13)  74.0% male | ADM mean:  event-free grp = 342(354)  with events grp = 601(340)  D/C mean: NR  Cutpoint: 324 | BNP, LVEF, NYHA class, age, sex, body mass index, and peak VO2 | 427d  Composite (all-cause mortality & cardiac decompensation)  (14, 85) | Multivariable cox proportional hazard regression | LVEF, NYHA class, age, sex, BMI, and peak VO2 | HR=NS |

**Abbreviations:** ADM = admission; BMI=body mass index; BNP=B-type natriuretic peptide; 95% CI,=confidence interval; d=day(s); D/C = discharge; grp=group; HR=hazard ratio; LVEF=left ventricular ejection fraction; n=number; NS=non-significant; NR=not reported; NYHA=New York Heart Association; pg/mL=picograms per milliliter; SD=standard deviation