**Supplementary table** Clinical parameters and risk factors for SCD for different types of MYBPC3 gene mutations

| **Clinical parameters** | **Other truncating mutations (n=50)** | **c.2373_2374insG (n=162)** | **Missense mutations (n=23)** | **P-value** |
|---|---|---|---|---|
| Age (yrs) | 41.6±18.6 | 39.2±17.4 | 39.6±20.7 | 0.715 |
| Male | 29 | 71 | 8 | 0.112 |
| Clinical diagnosis of HCM | 8 | 42 | 3 | 0.176 |
| Palpitations | 14 (n=49) | 30 (n=161) | 5 (n=23) | 0.326 |
| Chest pain | 4 | 9 | 1 | 0.769 |
| Atrial fibrillation | 0 | 1 | 0 | 0.798 |
| | | | | |
| *Risk factors for SCD* | | | | |
| Extreme left ventricular hypertrophy | 0 | 4 | 0 | 0.400 |
| Non-sustained VT | 5 (n=42) | 10 (n=105) | 1 (n=12) | 0.891 |
| Abnormal blood pressure response | 4 (n=37) | 20 (n=111) | 2 (n=12) | 0.588 |
| Previous cardiac arrest or VT | 1 | 0 | 0 | 0.156 |
| Unexplained syncope | 2 | 8 | 2 | 0.688 |
| Family history of SCD | 12 | 30 | 4 | 0.668 |
| | | | | |
| *Number of risk factors for SCD* | | | | |
| 0 risk factors | 26 | 98 | 15 | |
| 1 risk factors | 24 | 56 | 7 | 0.264 |
| ≥ 2 risk factors | 0 | 8 | 1 | |

Data are mean±SD or number.

SCD, sudden cardiac death; VT, ventricular tachycardia.