Supplementary Table 1. Summary of clinicopathological features of ATTRwt amyloidosis cases

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No | Age | Sex | Manner/cause  of death | Complications | HW  (g) | NHW  (g)\* | HW/  NHW | LVT  (mm) | Ventricular  score | Atrial  score | Vascular  score | CS  score | EAT | Other  pathology |
| 1 | 86 | F | Acci/asphyxia | HL, HT | 250 | 210 | 1.19 | 13 | 8 | 5 | 3 | N/A | 1 | - |
| 2 | 74 | F | Sui/drowning | HL, HT | 300 | 248 | 1.21 | 13 | 10 | 10 | 4 | 4 | 1 | - |
| 3 | 90 | F | Sui/hanging | None | 320 | 193 | 1.66 | 12 | 7 | 8 | 2 | 3 | 1 | - |
| 4 | 94 | F | Acci/fall | AP, HL, HT | 436 | 250 | 1.74 | 15 | 5 | 1 | 3 | 1 | 0 | - |
| 5 | 91 | M | Acci/burn | AP, HT | 495 | 282 | 1.76 | 15 | 10 | 8 | 4 | 3 | 1 | CAD |
| 6 | 91 | M | Acci/drowning | None | 483 | 349 | 1.38 | 23 | 13 | 12 | 4 | 8 | 1 | Stroke |
| 7 | 80 | M | Nat/tumor | N/A | 263 | 278 | 0.95 | 15 | 7 | 7 | 2 | 2 | 0 | - |
| 8 | 87 | M | Nat/SCD | HT, AF | 345 | 301 | 1.15 | 12 | 8 | 9 | 4 | 3 | 1 | - |
| 9 | 88 | M | Nat/SCD | None | 353 | 311 | 1.14 | 16 | 7 | 3 | 3 | 0 | 0 | CAD |
| 10 | 83 | M | Nat/SCD | AP, DM, HT | 559 | 386 | 1.45 | 23 | 9 | 9 | 4 | 1 | 1 | CAD |
| 11 | 80 | M | Acci/traffic | HT | 350 | 297 | 1.18 | 10 | 4 | 6 | 2 | 0 | 0 | - |
| 12 | 97 | F | Nat/SCD | HT, edema | 237 | 205 | 1.16 | 14 | 13 | 10 | 4 | 6 | 1 | - |
| 13 | 84 | F | Acci/bleeding | CRF | 194 | 168 | 1.15 | 15 | 5 | 8 | 3 | 1 | 1 | - |
| 14 | 84 | F | Acci/burn | HT | 255 | N/A | N/A | 12 | 8 | 9 | 3 | N/A | 0 | - |
| 15 | 85 | M | Acci/hypothermia | DM | 379 | 337 | 1.12 | 15 | 0 | 0 | 2 | N/A | 0 | CAD |
| 16 | 78 | M | Acci/traffic | HT | 359 | 309 | 1.16 | 15 | 8 | 8 | 3 | 2 | 0 | - |
| 17 | 87 | M | Nat/CHF | HT, CHF | 514 | 368 | 1.40 | 20 | 13 | 8 | 3 | 6 | 1 | - |
| 18 | 85 | F | Sui/drowning | HL, HT | 448 | 310 | 1.45 | 18 | 3 | 1 | 0 | 0 | 0 | - |
| 19 | 94 | F | Nat/SCD | AP, HT, CHF | 423 | 238 | 1.78 | 16 | 10 | 8 | 4 | 3 | 1 | HCM |
| 20 | 93 | F | Acci/drowning | None | 491 | 302 | 1.63 | 18 | 2 | 4 | 1 | 1 | 0 | - |
| 21 | 85 | M | Acci/drowning | None | 471 | 284 | 1.66 | 11 | 12 | 11 | 5 | 7 | 1 | - |
| 22 | 76 | M | Acci/burn | N/A | 551 | 385 | 1.43 | 20 | 8 | 1 | 0 | 0 | 0 | CAD |
| 23 | 83 | F | Sui/drowning | HT, CHF | 287 | 224 | 1.28 | 15 | 9 | 8 | 4 | 4 | 1 | - |
| 24 | 89 | F | Acci /fall | DM, HT | 286 | 199 | 1.44 | 14 | 8 | 7 | 4 | 3 | 1 | - |
| 25 | 89 | F | Acci /fall | HL, HT | 377 | 237 | 1.59 | 15 | 4 | 4 | 2 | 0 | 0 | - |
| 26 | 79 | M | Nat/SCD | None | 513 | 402 | 1.28 | 18 | 11 | 7 | 4 | 4 | 1 | - |
| 27 | 88 | F | Acci/fall | HL, HT | 388 | 259 | 1.50 | 17 | 9 | 10 | 4 | 4 | 1 | CAD, stroke |
| 28 | 94 | F | Acci/heat stroke | DM, HT | 668 | 283 | 2.36 | 15 | 8 | 3 | 4 | 3 | 1 | - |
| 29 | 82 | F | Hom/injury | HL, HT | 349 | 203 | 1.72 | 20 | 5 | 1 | 4 | 0 | 0 | - |
| 30 | 74 | M | Sui/hanging | HT | 427 | 357 | 1.20 | 20 | 7 | 7 | 2 | 1 | 0 | - |
| 31 | 90 | M | Acci/traffic | DM, HT, AF | 442 | 260 | 1.70 | 17 | 13 | 7 | 4 | 4 | 1 | - |
| 32 | 89 | F | Acci/traffic | HL, HT | 242 | 193 | 1.25 | 15 | 5 | 6 | 2 | 1 | 1 | - |
| 33 | 82 | M | Acci/traffic | AF, CHF | 346 | 270 | 1.28 | 12 | 7 | 7 | 3 | 2 | 0 | Post AVR |
| 34 | 86 | M | Acci/fall | DM, HT, AF | 365 | 333 | 1.10 | 20 | 8 | 7 | 4 | 1 | 0 | Stroke |
| 35 | 86 | M | Acci/burn | N/A | 399 | 238 | 1.68 | 10 | 8 | 6 | 2 | N/A | 0 | - |
| 36 | 83 | M | Nat/SCD | CAVB | 573 | 338 | 1.70 | 17 | 9 | 7 | 4 | 3 | 1 | Pacemaker |
| 37 | 86 | F | Nat/SCD | AP, HL, HT | 301 | 209 | 1.44 | 15 | 9 | 6 | 2 | 3 | 0 | - |
| 38 | 86 | M | Acci/fall | HT | 343 | 286 | 1.20 | 17 | 10 | 7 | 3 | 5 | 1 | - |
| 39 | 96 | F | Acci/fall | HL, HT | 296 | 211 | 1.40 | 15 | 1 | 10 | 5 | 2 | 0 | - |
| 40 | 76 | M | Acci/fall | HT, DM, CHF | 309 | 311 | 0.99 | 15 | 6 | 9 | 2 | 1 | 0 | - |
| 41 | 81 | F | Nat/SCD | DM, HL | 346 | 242 | 1.43 | 13 | 3 | 3 | 0 | 1 | 0 | - |
| 42 | 87 | F | Nat/SCD | HT | 321 | 218 | 1.47 | 16 | 4 | 6 | 4 | 1 | 0 | - |
| 43 | 80 | F | Acci/hypothermia | DM, HT | 343 | 248 | 1.38 | 16 | 3 | 3 | 0 | 0 | 0 | - |
| 44 | 79 | M | Acci/drowning | HT, AF | 584 | 392 | 1.49 | 18 | 4 | 0 | 0 | 0 | 0 | HCM |

Abbreviations: Acci, accident; AF, atrial fibrillation; AP, angina pectoris; AVR, aortic valve replacement; CAD, coronary artery disease of stenotic rate >75%; CAVB, complete atrioventricular block; CRF, chronic renal failure; CHF, chronic heart failure; CS, conduction system; EAT, epicardial adipose tissue; F, female; HCM, hypertrophic cardiomyopathy; HL, hyperlipidemia; Hom, homicide; HT, hypertension; HW, heart weight; LVT, left ventricular thickness; M, male; N/A, not available; Nat, natural cause of death; NHW, normal heart weight; PI, pacemaker implantation; SCD, sudden cardiac death; Sui, suicide.

\* NHW was calculated from body height and body weight [21]. In Patient 14, the height and weight were uncertain due to fire damage.