**Table 1:** Clinical characteristics of studied individuals (p.Leu115Ile variant carriers and non-carriers)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Case No** | **Age (years)** | **Sex** | **Dilated RV** | **RV WMA** | **RV LGE** | **Dilated LV** | **LV WMA** | **LV systolic dysfunction** | **LV LGE** | **TAD** | **TWI**  | **Conduction Disease** | **SAECG** | **VE /24h** | **ICD**  | **Complex VAs** |
| A-II-2+ | 58 | Female | Yes | Yes | NA | Yes | Yes | Severe | NA | NA | V1-V3 | 1stAVB+ RBBB+LAFB | NA | NA | Yes | NSVT, appropriate ATP |
| A-III-2- | 29 | Male | No | No | No | No | No | None | No | 40 | No | No | Negative | 3 | No | No |
| A-III-3+ | 52 | Female | Yes | Yes | No | Yes | Yes | Mild | Yes | 50 | V1-V4, I, II, aVL | No | Positive | 505 | Yes | NSVT |
| A-III-4+ | 52 | Female | No | Yes | Yes | No | Yes | Mild | Yes | 50 | V1-V3 | No | Positive | 451 | Yes | No |
| A-III-5+ | 54 | Male | Yes | Yes | No | Yes | Yes | Mild | Yes | 50 | V1-V5 | No | Positive | 820 | Yes | NSVT |
| A-IV-1- | 20 | Female | No | No | No | No | No | None | No | 40 | V1 | No | Negative | 0 | No | No |
| B-I-2+ | 81 | Female | No | Yes | No | No | No | None | Yes | NA | V1-V2 | 1stAVB | Positive | NA | No | NSVT |
| B-II-2+ | 49 | Male | Yes | Yes | NA | Yes | Yes | Severe | NA | 60 | V4-V6, II, III | 1stAVB +LAFB | NA | 2821 | Yes | Sustained VT |
| C-I-1+ | 73 | Male | No | Yes | No | No | Yes | Severe | Yes | 65 | II, III, aVF | Incomplete RBBB | NA | 10103 | No | No |
| C-II-1+ | 42 | Male | Yes | Yes | Yes | Yes | Yes | Mild | Yes | 60 | V4-V6, III, aVF | No | Negative | 6183 | Yes | NSVT |
| C-II-2+ | 40 | Female | Yes | Yes | No | Yes | Yes | Mild | Yes | 40 | V2-V6, I, II, aVF | No | Positive | 10583 | Yes | Sustained VT, NSVT |

1stAVB=First-degree atrioventricular block; ATP=Anti-tachycardia pacing; ICD=Implantable cardioverter defibrillator implantation; LAFB=Left anterior fascicular block; LGE=Late gadolinium enhancement; LV=Left ventricle; NA=Not available/applicable; NSVT=Non-sustained ventricular tachycardia; RBBB=Right bundle branch block; RV=Right ventricle; SAECG=Signal averaged ECG; TAD=Terminal activation duration (maximum between leads V1, V2, V3); TWI=T-wave inversion; VA=Ventricular arrhythmia; VE=Ventricular ectopy; VT=Ventricular tachycardia; WMA=Wall-motion abnormalities. (+) and (-) mark the presence or absence of the p.Leu115Ile *DES* gene mutation, respectively.