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| Table 1. Comparisons of electrocardiograms between patients with IVF and controls | | | |
|  | IVF | Control | P-value |
|  | (N=35) | (N=105) |
| Male sex, N (%) | 33 (94%) | 99 (94%) | - |
| Age, years | 42±18 | 42±18 | - |
| J point elevation in right precordial leads |  |  |  |
| -in the 4th ICS, N (%) | 5 (14%) | 7 (7%) | 0.17 |
| ≥0.1mV | 2 (6%) | 5 (5%) | 1.00 |
| ≥0.2mV | 3 (9%) | 2 (2%) | 0.10 |
| -in the 3rd ICS, N (%) | 14 (40%) | 12 (11%) | <0.01 |
| ≥0.1mV | 5 (14%) | 9 (9%) | 0.34 |
| ≥0.2mV | 9 (26%) | 3 (3%) | <0.01 |
| J point elevation only in the 3rd ICS but not in the 4th ICS, N (%) |  |  |  |
| 9/30 (30%) | 6/98 (6%) | <0.01 |
| ≥0.1mV | 5/30 (17%) | 4/98 (4%) | 0.03 |
| ≥0.2mV | 4/30 (13%) | 2/98 (2%) | 0.03 |
| Inferolateral ER, N (%) | 6 (17%) | 9 (9%) | 0.20 |
| ECG parameters |  |  |  |
| Heart rate, bpm | 65±12 | 64±9 | 0.73 |
| PR intervals, ms | 166±18 | 167±26 | 0.84 |
| QRS duration, ms | 100±12 | 96±13 | 0.12 |
| QT interval, ms | 379±39 | 392±22 | 0.54 |
| Corrected QT intervals, ms | 410±23 | 404±23 | 0.24 |
| IVF=idiopathic ventricular fibrillation; ICS=intercostal space; ER=early repolarization | | | |

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| **Table 2.** Clinical and ECG characteristics in patients with IVF and BrS | | |  |  |
|  | IVF with J point elevation in the 3rd ICS (N=14) | IVF without J point elevation in the 3rd ICS (N=21) | BrS (N=15) | P value |
| Male sex, N (%) | 13 (93%) | 20 (95%) | 15 (100%) | 0.60 |
| Age, years | 44±19 | 41±15 | 42±17 | 0.81 |
| Family history of sudden death, N (%) | 2 (14%) | 2 (10%) | 3 (20%) | 0.67 |
| Activity at initial cardiac event, N (%) |  |  |  |  |
| Sleep | 3 (21%) | 2 (10%) | 6 (40%) | 0.09 |
| Arousal at rest | 8 (57%) | 8 (38%) | 8 (53%) | 0.48 |
| Physical effort | 3 (21%) | 11 (52%) | 1 (7%) | 0.01 |
| Inducible ventricular fibrillation | 5/10 (50%) | 6/11 (55%) | 4/6 (67%) | 0.81 |
| Inferolateral ER, N (%) | 3 (21%) | 3 (14%) | 2 (13%) | 0.81 |
| ECG parameters |  |  |  |  |
| Heart rate, bpm | 63±12 | 66±12 | 63±6 | 0.61 |
| PR intervals, ms | 158±17 | 168±18 | 178±24 | 0.40 |
| QRS duration, ms | 102±10 | 100±12 | 104±18 | 0.63 |
| Corrected QT intervals, ms | 409±24 | 410±20 | 407±25 | 0.73 |
| IVF=idiopathic ventricular fibrillation; BrS=Brugada syndrome; ICS=intercostal space; ER=early repolarization | | | | |