**Article title : Molecular Analysis of Dilated and Left Ventricular Noncompaction Cardiomyopathies in Egyptian Pediatric Patients**

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**Supplementary table (1): The demographic, clinical, and cardiac evaluation data of the studied group (N=68)**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Pt**  **ID** | **CM pheno-type** | **Age (Yr/**  **Mo)** | **Sex**  **(F/M)** | **Time since onset**  **(Yr**  **/Mo)** | **Course** | **Cons.** | **FH** | **Ht**  **(Cm)** | **Wt**  **(Kg)** | **Dyspnea** | **Chest infection** | **NYHA/ROSS** | **LVEDD**  **(cm)** | **LVEDD Z** | **LVESD**  **(cm)** | **LVESD Z** | **IVS**  **(cm)** | **IVS Z** | **LVWT**  **(cm)** | **LVWT Z** | **EF**  **(%)** | **FS**  **(%)** | **Variant detected** |
| 4 | DCM | 3.5Yr | F | 3Yr | St | N | N | 100 | 7 | II | Y | IV | 5.1 | 6 | 4.6 | 7.73 | 0.45 | -0.01 | 0.4 | 0.19 | 22 | 10 | N |
| 10 | DCM | 10Yr | F | 9 Yr | Pr | N | Uncle: DCM, Grandparent: DCM | 139 | 36 | II | N | III | 3.1 | -3.03 | 2.5 | -0.33 | 0.55 | -0.64 | 0.55 | -0.28 | 35 | 17 | N |
| 19 | DCM | 2.5Yr | F | 6Mo | St | Y | Father: HCM | 90 | 11.4 | II | N | III | 4.2 | 3.3 | 3.2 | 4.27 | 0.45 | -0.21 | 0.45 | 0.5 | 48 | 24 | N |
| 22 | DCM | 6Mo | M | 1Mo | St | Y | N | 68 | 7.2 | II | N | III | 5.2 | 7.72 | 4.5 | 8.77 | 0.45 | 0.37 | 0.45 | 1.39 | 40 | 20 | N |
| 25 | DCM | 9Mo | F | 2Mo | St | Y | Father: LVNC | 70 | 7.2 | II | N | III | 5 | 7.21 | 3.7 | 7.13 | 0.5 | 0.83 | 0.4 | 0.74 | 40 | 19 | N |
| 34 | DCM | 1Yr | M | 2Mo | St | Y | Sister: DCM | 58.5 | 7 | II | N | III | 3 | 2.88 | 2.1 | 3.26 | 0.4 | -0.02 | 0.4 | 1.02 | 54 | 25 | N |
| 37 | DCM | 2.5Mo | F | 2Mo | St | Y | 2Sibs:DCM,Sib:HCM | 58 | 4.4 | I | N | III | 2.4 | 1.68 | 1.7 | 1.92 | 0.35 | -0.41 | 0.35 | 0.7 | 58 | 29 | N |
| 46 | DCM | 10Yr | F | 9Yr | St | Y | N | 139 | 9.3 | III | Y | III | 4.9 | 3.59 | 3 | 2.76 | 0.62 | 0.91 | 0.6 | 1.46 | 28 | 14 | N |
| 52 | DCM | 2.4Yr | F | 2Mo | St | N | N | 90 | 9 | II | Y | III | 3.3 | 1.47 | 2.6 | 3.08 | 0.55 | 1.01 | 0.55 | 1.97 | 44 | 21 | N |
| 55 | DCM | 1.5Yr | F | 1Mo | Pr | N | N | 76 | 9.8 | II | Y | III | 4.2 | 5.29 | 3.5 | 5.83 | 0.52 | 0.75 | 0.5 | 1.48 | 48 | 23 | N |
| 58 | DCM | 3Yr | F | 1Yr | St | N | N | 94 | 11 | I | N | III | 3.4 | 1.1 | 2.4 | 1.23 | 0.5 | 0.25 | 0.5 | 1.01 | 57 | 29 | N |
| 61 | DCM | 6.5Yr | F | 4.5Yr | St | N | Sib: DCM | 112 | 16 | II | N | III | 4.9 | 3.22 | 3.7 | 4.12 | 0.61 | 0.71 | 0.6 | 1.28 | 49 | 25 | N |
| 70 | DCM | 2.1Yr | M | 6M | St | N | Father: HCM | 94 | 12.4 | II | N | III | 3 | -0.44 | 2.5 | 2.01 | 0.51 | 0.26 | 0.55 | 1.39 | 44 | 22 | N |
| 73 | DCM | 1.3Yr | F | 3Yr | St | N | N | 77.5 | 9.5 | II | Y | III | 4.3 | 4.64 | 3.1 | 4.89 | 0.42 | -0.25 | 0.41 | 0.45 | 52 | 26 | N |
| 79 | DCM | 3Yr | M | 1.5Yr | Pr | N | N | 95 | 14 | N | Y | III | 3.4 | 0.48 | 2.6 | 2.06 | 0.62 | 1.08 | 0.6 | -0.28 | 50 | 25 | N |
| 82 | DCM | 2.7Yr | F | 1.5Yr | Pr | Y | N | 94 | 8.5 | II | N | III | 3.4 | 1.73 | 2.3 | 2.08 | 0.52 | 0.6 | 0.51 | 1.37 | 30 | 18 | N |
| 88 | DCM | 1.6Yr | F | 2Mo | St | Y | N | 76 | 10.7 | II | N | III | 3.3 | 1.76 | 2.8 | 3.89 | 0.52 | 0.69 | 0.51 | 1.5 | 33 | 26 | N |
| 91 | DCM | 2.5Yr | F | 1Mo | St | Y | Mother:LVNC2siblings:DCM | 90 | 10.5 | II | N | III | 3.4 | 1.39 | 2.4 | 2.15 | 0.47 | 0.04 | 0.45 | 0.58 | 35 | 16 | N |
| 94 | DCM | 17Yr | F | 2Yr | Pr | N | N | 164 | 32 | II | N | III | 3.6 | -1.67 | 2.7 | -1.1 | 0.82 | 1.09 | 0.8 | 1.52 | 54 | 27 | N |
| 100 | DCM | 2.2Yr | M | 1Mo | Pr | Y | N | 88 | 19 | II | Y | III | 2.9 | -1.51 | 2.3 | 0.77 | 0.6 | 0.8 | 0.6 | 1.52 | 46 | 22 | N |
| 103 | DCM | 3.3Yr | F | 4Mo | St | N | N | 97 | 12.5 | II | N | III | 3.5 | 0.95 | 2.5 | 1.24 | 0.58 | 0.82 | 0.56 | 1.42 | 57 | 29 | N |
| 106 | DCM | 8Yr | M | 7Yr | St | N | N | 128 | 7.6 | II | Y | III | 5.1 | 4.78 | 4 | 5.66 | 0.57 | 0.75 | 0.57 | 1.54 | 40 | 20 | N |
| 115 | DCM | 3Yr | M | 2.5Yr | St | Y | Father: HCM, Mother: HCM | 95 | 26 | I | Y | III | 5 | 3.02 | 3.4 | 3.13 | 0.67 | 1 | 0.65 | 1.5 | 59 | 31 | N |
| 118 | DCM | 3Yr | M | 6Mo | Pr | N | N | 95 | 25 | II | Y | III | 4.4 | 0.96 | 3.3 | 2.31 | 0.64 | 0.82 | 0.63 | 1.37 | 52 | 27 | N |
| 148 | DCM | 4Yr | M | 1.5Yr | St | N | Mother: LVNC | 102 | 11 | II | N | III | 4.5 | 3.57 | 3.5 | 4.64 | 0.5 | 0.16 | 0.5 | 0.87 | 35 | 18 | N |
| 151 | DCM | 3Yr | M | 2.75y | Pr | Y | N | 134 | 29 | II | N | III | 4.1 | 0.02 | 2.8 | 0.78 | 0.74 | 0.96 | 0.71 | 1.3 | 58 | 30 | N |
| 157 | DCM | 2Yr | F | 6Mo | Pr | N | N | 85 | 6.4 | II | N | III | 4.9 | 6.5 | 4.3 | 7.91 | 0.52 | 0.89 | 0.51 | 1.8 | 26 | 13 | N |
| 160 | DCM | 2Yr | F | 4Mo | St | N | N | 85 | 7.5 | II | N | III | 2.6 | -0.22 | 1.9 | 1.15 | 0.53 | 0.88 | 0.51 | 1.66 | 58 | 30 | N |
| 172 | DCM | 6.3Yr | M | 4.4Yr | Pr | N | N | 116 | 18.8 | I | N | III | 4.3 | 1.48 | 2.9 | 1.85 | 0.73 | 1.39 | 0.71 | 0.12 | 55 | 28 | N |
| 178 | DCM | 4Yr | M | 1Yr | St | Y | N | 101 | 13 | II | N | III | 4.3 | 2.76 | 0.5 | -11.03 | 0.64 | 1.2 | 0.62 | 1.84 | 50 | 25 | N |
| 187 | DCM | 5Yr | M | 2Mo | St | Y | N | 109 | 10 | II | N | III | 5.4 | 5.16 | 4.8 | 7.1 | 0.57 | 0.75 | 0.55 | 1.35 | 33 | 16 | N |
| 274 | DCM | 10Mo | F | 8Mo | St | Y | N | 71.5 | 8 | II | N | III | 3.5 | 3.31 | 2.4 | 3.44 | 0.45 | 0.26 | 0.43 | 0.98 | 32 | 15 | N |
| 283 | DCM | 9Yr | F | 4.5Yr | Pr | Y | N | 70 | 24 | II | N | III | 5.4 | 5.06 | 3.5 | 4.38 | 0.6 | 0.91 | 0.58 | 1.5 | 35 | 20 | N |
| 286 | DCM | 3.5Yr | F | 0.5Mo | Pr | Y | Father: LVNC | 98 | 11.7 | II | N | III | 4.3 | 3.13 | 3.6 | 4.87 | 0.57 | 0.77 | 0.55 | 1.37 | 38 | 18 | N |
| 289 | DCM | 8.3Yr | F | 4Yr | St | N | N | 129 | 20 | II | N | III | 3.9 | 0.09 | 3 | 1.78 | 0.72 | 1.15 | 0.67 | 1.4 | 46 | 23 | N |
| 292 | DCM | 8Yr | M | 7Yr | St | N | N | 128 | 7 | II | N | III | 4.5 | 3.72 | 3.7 | 5.2 | 0.57 | 0.81 | 0.52 | 1.14 | 34 | 16 | N |
| 295 | DCM | 6Mo | M | 1Mo | St | Y | N | 68 | 9.4 | II | Y | III | 3.4 | 2.84 | 2.4 | 3.29 | 0.55 | 1.15 | 0.5 | 1.7 | 46 | 23 | N |
| 298 | DCM | 7Yr | F | 1Mo | Pr | Y | N | 123 | 20.4 | II | N | III | 3.2 | -1.79 | 2.5 | 0.42 | 0.65 | 0.72 | 0.6 | 0.89 | 38 | 23 | N |
| 1 | DCM | 5Yr | M | 4 Yr | Pr | N | N | 97 | 15 | I | N | N | 4.3 | 3.65 | 2.8 | 3.41 | 0.7 | 2.93 | 0.6 | 1.53 | 60 | 30 | N |
| 16 | DCM | 12Yr | M | 12Yr | Pr | Y | N | 130 | 30 | I | N | N | 4.5 | 1.8 | 3 | 1.85 | 0.6 | 0.05 | 0.6 | -0.04 | 61 | 29 | N |
| 7 | DCM | 4.1Yr | M | 4Mo | St | N | Father: DCM +LVNC | 108 | 14 | II | Y | II | 4.3 | 2.33 | 2.9 | 2.53 | 0.5 | -0.08 | 0.5 | 0.53 | 50 | 25 | Y |
| 13 | DCM | 4Yr | F | 4 Yr | Pr | Y | N | 101 | 13.3 | III | Y | III | 5.2 | 4.61 | 3.1 | 3.35 | 0.5 | 0.04 | 0.5 | 0.7 | 31 | 18 | Y |
| 28 | DCM | 2.5Yr | M | 2Yr | Pr | Y | Father: HCM | 90 | 9 | III | N | III | 5.1 | 5.82 | 4.3 | 7.06 | 0.53 | 0.7 | 0.51 | 1.39 | 29 | 15 | Y |
| 31 | DCM | 12Yr | M | 2Mo | St | Y | Sib: DCM | 148 | 31.5 | II | N | III | 6.8 | 4.84 | 5.3 | 5.63 | 0.72 | 0.64 | 0.71 | 1.07 | 46 | 22 | Y |
| 40 | DCM | 8Yr | F | 1Yr | St | Y | N | 127.5 | 21 | II | N | III | 6.3 | 4.84 | 5 | 5.79 | 0.62 | 0.43 | 0.61 | 0.89 | 42 | 19 | Y |
| 43 | DCM | 7.6Yr | F | 1Mo | Pr | Y | N | 125 | 16 | III | N | III | 5.7 | 4.36 | 5.1 | 6.36 | 0.6 | 0.5 | 0.6 | 1.1 | 23 | 11 | Y |
| 49 | DCM | 5Yr | F | 4.5Yr | St | N | N | 107 | 7 | II | N | III | 4 | 3.29 | 3.1 | 4.39 | 0.53 | 0.68 | 0.5 | 1.24 | 45 | 22.5 | Y |
| 67 | DCM | 3.9Yr | F | 2Mo | St | N | N | 100 | 11.5 | I | N | III | 3.5 | 1.03 | 2.6 | 2.27 | 0.52 | 0.33 | 0.55 | 1.36 | 58 | 29 | Y |
| 85 | DCM | 12Yr | M | 10Yr | Pr | Y | Sib: DCM, Sib: RCM | 148 | 14 | I | Y | III | 3.6 | -0.51 | 2.6 | -0.51 | 0.73 | 1.3 | 0.71 | 1.82 | 56 | 29 | Y |
| 97 | DCM | 3.5Yr | F | 1Yr | Pr | Y | N | 98 | 13 | II | Y | III | 4.3 | 2.88 | 3.5 | 4.45 | 0.63 | 1.17 | 0.61 | 1.81 | 40 | 19 | Y |
| 109 | DCM | 2.6Yr | M | 2Yr | Pr | N | N | 91.5 | 14.1 | I | Y | III | 4.8 | 4.06 | 3.9 | 5.37 | 0.53 | 0.38 | 0.53 | 1.11 | 57 | 29 | Y |
| 112 | DCM | 2.2Yr | F | 1Yr | St | N | Father: LVNC | 86.5 | 10 | II | N | III | 4.9 | 5.33 | 4.3 | 6.99 | 0.5 | 0.41 | 0.55 | 1.74 | 28 | 13 | Y |
| 142 | DCM | 3.5Yr | F | 3Yr | st | Y | Father: DCM+LVNC | 98 | 7.6 | II | Y | III | 3.5 | 2.12 | 2.4 | 2.5 | 0.54 | 0.81 | 0.52 | 1.51 | 58 | 29 | Y |
| 166 | DCM | 3.4Yr | F | 6Mo | St | Y | N | 97 | 12.2 | II | Y | III | 2.8 | -1.14 | 2 | -0.16 | 0.5 | 0.14 | 0.5 | 0.85 | 58 | 29 | Y |
| 175 | DCM | 4.7Yr | M | 1.5Yr | St | N | N | 106 | 18.9 | II | N | III | 4.1 | 1.29 | 2.8 | 1.8 | 0.66 | 1.03 | 0.64 | 1.55 | 59 | 31 | Y |
| 190 | DCM | 5Yr | M | 1Mo | St | N | N | 109 | 14 | II | Y | III | 3.8 | 1.06 | 0.6 | -9.95 | 0.55 | 0.35 | 0.52 | 0.72 | 45 | 22 | Y |
| 169 | DCM | 4Yr | M | 3Yr | Pr | Y | N | 96 | 13 | II | Y | II | 4.2 | 3.82 | 3.2 | 5.14 | 0.6 | 1.65 | 0.5 | 0.27 | 45 | 22 | Y |
| 64 | iLVNC | 2.5Yr | F | 2Yr | St | N | N | 73 | 9.5 | II | N | III | 44 | 6.9 | 35 | 9.1 | 10 | 7.6 | 7 | 3.87 | 41 | 20 | Y |
| 136 | iLVNC | 8Yr | M | 6Yr | Pr | N | N | 117 | 20 | II | N | N | 46 | 3.25 | 20 | -1.1 | 5 | -0.29 | 6 | 0.27 | 56 | 25 | Y |
| 163 | LVNC+DCM | 14Yr | M | 13Yr | St | Y | N | 155 | 28 | II | Y | III | 53 | 3.8 | 41 | 5.3 | 7 | 0.71 | 7 | 0.45 | 30 | 15 | Y |
| 223 | LVNC+DCM | 7Yr | M | 6.5Yr | St | Y | N | 87 | 11.2 | II | N | II | 45 | 5.6 | 37 | 9.2 | 6 | 2.07 | 5 | 0.47 | 40 | 19 | Y |
| 205 | LVNC+HCM | 1Yr | M | 1Yr | St | Y | Sib: HCM | 78 | 9 | II | N | II | 41 | 3.65 | 32 | 5.67 | 7 | 3.65 | 6 | 2.23 | 41 | 21 | Y |
| 220 | iLVNC | 3Yr | M | 2Yr | St | N | N | 97 | 17 | N | Y | N | 50 | 5.47 | 28 | 3.1 | 7 | 2.88 | 6 | 1.36 | 73 | 42 | N |
| 127 | iLVNC | 6.5Yr | F | 6Yr | St | Y | N | 117 | 20 | I | N | II | 44 | 2.61 | 31 | 3.25 | 4.5 | -0.91 | 6 | 0.27 | 58 | 30 | N |
| 265 | iLVNC | 6.5Yr | M | 2 Mo | St | Y | N | 62 | 7.5 | I | N | II | 25 | 0.67 | 18 | 1.6 | 4 | 0.14 | 4 | -0.15 | 57 | 28 | N |
| 277 | iLVNC | 4Yr | M | 3Yr | St | Y | N | 105 | 16 | N | Y | N | 30 | -1.15 | 22 | 0.42 | 6 | 1.43 | 6 | 1.13 | 76 | 44 | Y |
| 130 | LVNC+HCM | 9Yr | M | 5Yr | St | Y | N | 106 | 16 | I | N | II | 48 | 4.5 | 34 | 5.14 | 6 | 1.41 | 7 | 2.31 | 53 | 27 | Y |

DCM: Dilated cardiomyopathy, iLVNC: isolated Left ventricular noncompaction, HCM: Hypertrophic Cardiomyopathy, HOCM: Hypertrophic obstructive Cardiomyopathy, F: Female, M: Male, Yr: Year, Mo: Month, Cons.: Consanguinity, Y: Yes, N: No, SIB: Sibling, FH: family history, Pr: Progressive, St: Stationary, Wt: Weight, Ht, Height, NYHA: New York Heart Association, LVEDD: Left ventricular end-diastolic dimension, LVESD: Left ventricular end-systolic dimension, IVS: Interventricular Septal thickness, LVWT: Left ventricular wall thickness, EF: Ejection fraction, FS: Fractional Shortening