Supplemental Data

Search strategy

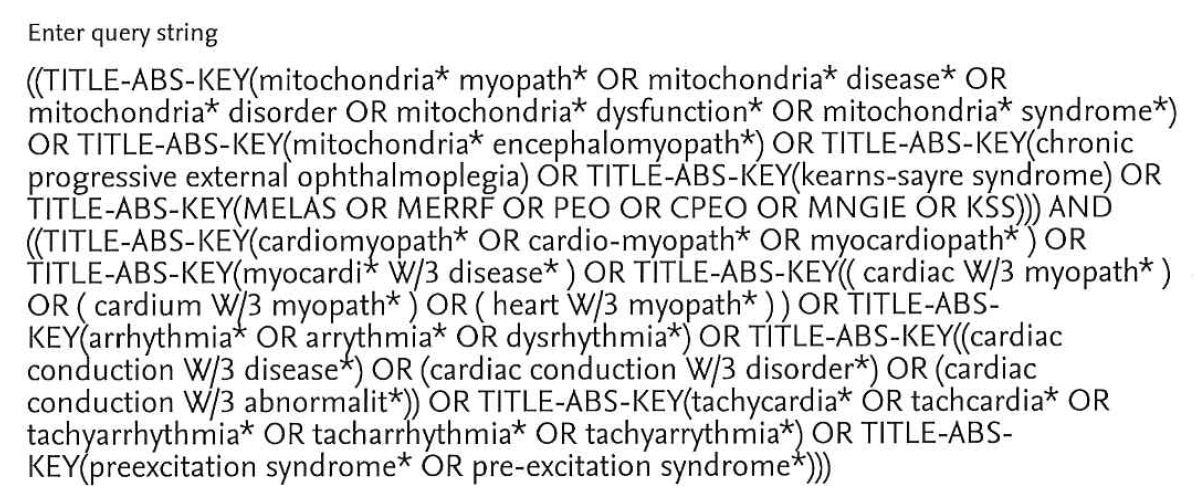


Figure e-1



Figure e-2



Figure e-3



Figure e-4



**Table e-1**

**Relationship between the most commonly reported mutations/syndromes and the prevalence of common abnormalities found in ECG or echo in adults**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **m.8344A>G or MERRF** | **m.3243A>G or MELAS** | **CPEO or other syndromes** |
|  | Number of patients | Number of patients | Number of patients |
| BBBa | 3/29 | 3/25 | 19/107 |
| LVHb | 5/32 | 68/265 | 0 |
| Ventricular Pre-excitationa | 6/30 | 25/126 | 0 |
| Abnormal LV systolic functionb | 1/13 | 7/22 | 2/5 |
| Inverted T wavea | 2/3 | 5/10 | 15/60 |
| ST depressiona | 3/7 | 2/6 | 11/87 |
| LV dilationb | 6/16 | 9/234 | 2/5 |
| LV dysfunctionb | 6/29 | 10/105 | 2/11 |

BBB= bundle branch block

LVH = left ventricle hypertrophy

LV= left ventricle

a = findings from ECG

b = findings from Echocardiography