![gramplogo[1]]()

**FAMILIAL ARRHYTHMIA GENETIC TESTING REQUEST**

**CLINICAL INFORMATION**

**North of Scotland Genetics Service**

**Medical Genetics, Polwarth Building, Foresterhill, Aberdeen AB25 2ZD**

Molecular Genetics Lab Email gram.molgen@nhs.scot Tel 01224 553893

Clinical Genetics (*clinical enquiries only*) Tel 01224 552120 Fax 01224 559390

|  |
| --- |
| **Patient Details** (*printed label preferred)* |
| First Name(s) | Family Name | DOB |
| Sex | CHI | Pedigree No.  |
| Address  |  | Postcode  |
|  |
| **Reason for testing (At least one should be present)** |
| Syncope | □ | Arrhythmia | □ | Choose an item. | Abnormal ECG (see below) | □ |
| Seizure | □ | Context of event: | Choose an item. | Family history (see below) | □ |
| Out of hospital cardiac arrest  | □ |  | Sudden cardiac death (<50 years) | □ |
| Details: |  |
|  |
| **Suspected diagnosis:** | Choose an item. | Details: |
| **ECG diagnosis** |
| **QTc:** |  | Long QT □ | Short QT □ | Brugada □ | ARVC □ | LBBB □ | RBBB □ | IVCD □ | AV block □ |
| T wave: | Normal □ | Notched □ | Inverted □ | Biphasic □ | Pre-excitation □ | Ajmaline test abnormal □ |
| Exposed to drug known to affect QT interval | □ | Drug name: |
| Comments |
|  |
| **OTHER INVESTIGATIONS SUMMARY** |
| **Echocardiogram** | Normal | □ | Abnormal | □ | Not done | □ | Details: |
| **MRI** | Normal | □ | Abnormal | □ | Not done | □ | Details: |
| **Autopsy** | Details: |
| **Family History** | SCD □ | Arrhythmia □ | Long QT □ | Brugada QT □ | ARVC □ | HCM □ | DCM □ | Other □ |
|  |
| **Which test are you requesting?** | Choose an item. |
| Clinical Genetics contact:  | Referring doctor: |
| **FAMILY PEDIGREE** |  |  |
| Please clarify relationships of affected family members to the patient in this box:  |
| Signed: | Date: | Consultant (Please Print) |

**Arrhythmia Panel and Subpanels**

The genes shown will be analysed according to the clinical subpanel selected by the referring clinician.

No analysis will take place if the form is incomplete.

OOHCA/SCD

Full panel

Heart block

*SCN5A*

*ABCC9 GJA1 GJA5 HCN4 KCNA5 KCNE5 NPPA SCN2B SCN4B*

Long QT

CPVT

Brugada

*RYR2*

*CALM1*

*CALM2 CASQ2DPP6*

*TRDN*

*SCN5A*

*CACNA1C CACNA2D1 CACNB2 GPD1L HCN4 KCND3 KCNE3 KCNE5 KCNJ8 RANGRF SCN1B SCN2B SCN3B SCN10A SLMAP TRPM4*

*KCNQ1*

*KCNH2*

*SCN5A*

*KCNE1*

*KCNE2*

*KCNJ2*

*AKAP9 ANK2 CACNA1C CALM1 CALM2 CAV3 KCNJ5 NOS1AP SCN4B SNTA1 TRPM4*

Atrial Fibrillation /

Atrial standstill

Subpanels

*SCN5A*

*HCN4*

*LMNA TRPM4*

Genes