1. Was an ECG performed? Yes No Unknown
2. If Yes, indicate date of ECG: (mm/dd/yyyy)
3. Circumstances under which this ECG was performed:

Normal Screening Provoked event

Unknown

1. Heart rate: bpm
2. PR interval: msec
3. QRS duration: msec
4. QT interval: msec
5. QTc interval: msec
6. ECG results:

Normal

Abnormal, not clinically significant

Abnormal, clinically significant

Non-specific STT changes

1. Heart rhythm:

Normal sinus rhythm

Sinus tachycardia

Sinus bradycardia

Atrial arrhythmia

Atrial fibrillation

Atrial flutter

Atrial Other

Ventricular arrhythmia

Ventricular fibrillation

Ventricular tachycardia

Ventricular Other

Other, specify:

1. ST segment abnormality: Absent Present
2. T wave abnormality: Absent Present
3. Right ventricular hypertrophy: Absent Present
4. Left ventricular hypertrophy: Absent Present
5. Patterns of previous myocardial infarction: Absent Present
6. Patterns of complete bundle branch block: Absent Present
7. Premature atrial contractions: Absent Present
8. Paroxysmal supraventricular tachycardia (PSVT): Absent Present
9. Wolff-Parkinson-White (WPW) syndrome: Absent Present
10. Premature ventricular contractions (PVCs): Absent Present
11. Were voltage criteria met for LVH? Yes No Unknown

Any of the following:

* R or S in limb leads ≥ 20 mm;
* S in V1 or V2 ≥ 30 mm;
* R in V5 or V6 ≥ 30 mm

## General Instructions

This form contains data elements that are collected to measure heart function.

## Specific Instructions

Please see the Data Dictionary for definitions for each of the data elements included in this CRF Module.

* Date ECG performed–The date/time should be recorded to the level of granularity known (e.g., year, year and month, complete date plus hours and minutes, etc.) and in the format acceptable to the study database.
* Heart Rate–Record the ventricular rate/ heart rate in beats per minute. Age related. Normal ranges by age: 0 mo to 1 yr; 93 - 169 bpm. 1 yr to 2 yr: 89 - 151. 2 - 4 yr: 73 - 137. 5 to 11 yr: 65 - 130. 11 to 18 yr: 60 - 119. Adult: 60 - 119.
* PR interval–Measure and record the PR interval in milliseconds (msec). Age and rate related. Average intervals: 0 - 16 yr: 100 ms - 160 ms. Adult: 150 ms - 170 ms.
* QRS duration–Measure and record the QRS duration in milliseconds (msec). Normal range: <120 ms
* QT interval–Measure and record the QT interval in milliseconds (msec). Age and rate related.
* QTc interval–Measure and record the QTc interval in milliseconds (msec). Normal ranges: QTc < 450 ms, 0 to 1 year. QTc < 440 ms children. QTc < 430 ms adolescents to adult.
* ECG results–Choose the response that best describes the overall ECG results. If Normal is checked, then skip subsequent questions
* Heart rhythm result–Choose all that apply. If 'Normal sinus rhythm' is chosen no other values can be chosen.
* LVH voltage criteria met–Choose one. R/S ratio must be adjusted for age and lead. Generally, R wave voltage < 25mm lead V6.