

KardiaMobile 6L for measuring cardiac QT interval in adults having antipsychotic medication

Information for the public

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NICE has said that KardiaMobile 6L can be used in the NHS to measure cardiac QT interval in some adults having or about to have antipsychotic medicines.

The NHS is collecting more evidence for this technology on how well it works, how it is used and how it affects care.

The QT interval is the section on an electrocardiogram (ECG) report representing the time it takes your heart muscle to contract and then recover. A prolonged QT interval can lead to severe heart problems. There are several risk factors for prolonged QT interval, including taking most antipsychotic medicines. So, you will need to have an ECG before starting an antipsychotic medicine and while taking one, to check if this is happening. Usually, a 12-lead ECG device is used.

KardiaMobile 6L allows an ECG recording to be done with less need for undressing, and without need for gel or stickers to be used between the device and your skin. ECG recording using KardiaMobile 6L can also be done in your own home by a healthcare professional. This might help reduce stress and anxiety about having the test done.

You should be offered information about why this test is being done, and why the QT interval test might need repeating with the usual 12-lead ECG device after it has been measured with KardiaMobile 6L. You might be asked if details of your treatment can be collected as evidence. You can ask your healthcare professional for more information about being involved and how your information will be stored and used.

Is this treatment right for me?

Your healthcare professionals should give you clear information, talk with you about your options and listen carefully to your views and concerns. Your family can be involved too, if you wish. See [our webpage on making decisions about your care](#).

Questions to think about

- How well does it work compared with other tests?
- What are the risks or side effects? How likely are they?
- What happens if I do not want to have the test?
- Can I choose where to have this test?
- How long will the test take?
- Will I need, or be offered, sedation or anaesthesia? If so, will I have a choice?
- Will I be able to drive to and from the appointment?
- How do I get my test results? Will there be a follow-up appointment?

Information and support

The [NHS webpage on psychosis](#) may be a good place to find out more.

These organisations can give you advice and support:

- [Arrhythmia Alliance](#), 01789 867 501
- [Atrial Fibrillation Association](#), 01789 867 502
- [STARS \(Syncope Trust And Reflex anoxic Seizures\)](#), 01789 867 503
- [Mind](#), 0300 123 3393

You can also get support from your local [Healthwatch](#).

NICE is not responsible for the quality or accuracy of any information or advice provided by these organisations.

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