

Lead-I ECG devices for detecting symptomatic atrial fibrillation using single time point testing in primary care

Information for the public

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NICE has assessed lead-I electrocardiogram (ECG) devices (imPulse, Kardia Mobile, MyDiagnostick and Zenicor ECG) to help the NHS decide whether to use these products.

NICE has said that there is not enough evidence to recommend that these tests can be used routinely in the NHS as one-off tests for people with symptoms of atrial fibrillation in primary care. Further research is needed on how well the devices work and how they would be used.

Lead-I ECG devices can detect atrial fibrillation in people who have signs or symptoms of the condition and an irregular pulse. These devices record an ECG at a single point in time and use automated software to help interpret the results.

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