

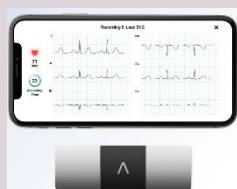
Options for Obtaining Lower Cost Electrocardiogram (ECG)

Baseline and monthly ECGs are recommended for patients taking bedaquiline (BDQ), and pretomanid as part of the BPaL TB regimen, more frequently if the QTc is abnormal.* Obtaining an ECG can be expensive and problematic if the patient is contagious and needs to be seen by an outside provider. Several TB clinics around the country have acquired inexpensive mobile ECG products for their patients to do the monitoring in clinic or at home using a mobile phone or tablet.

Suggestions:

AliveCor's KardiaMobile ECG

- [Products: KardiaMobile 6L](#)



Apple Watch Version 4 or Newer

- [Record an electrocardiogram with the ECG app on Apple Watch - Apple Support](#)
- [ECG on the App Store](#)
- [Healthcare - Apple Watch](#)



EMAY Portable EKG Monitor

- [EMAY:EKG Monitors](#)
- [EKG Monitor Getting Started](#)



SonoHealth EKGraph

- [Take Smart, Wireless EKGs - Monitor Your heart - SonoHealth](#)



Comparisons by a cardiologist for some of these products:

- [Mobile ECG: An Objective Comparison of Emay vs Kardia - MedPage Today](#)
- [Putting The Apple Watch 4 ECG To The Test In Atrial Fibrillation: An Informal Comparison To Kardia - The Skeptical Cardiologist](#)

For Guidance on requirements for QTc measurement see:

[Guidance on requirements for QTc measurement in ECG monitoring when introducing new drugs and shorter regimens for the treatment of Multi/Extensively Drug-Resistant Tuberculosis \(challengetb.org\)](#)

See the Mayo Clinic [QT Interval | QTc Calculator](#) for calculating the heart rate-corrected QT interval and guidance for prescription decisions to prevent drug-induced QT interval prolongation

*Other medications either alone or in conjunction with anti-TB treatment may also prolong QTc and patients would require regular monitoring with ECGs. Discuss with the treating provider if this may be an option for monitoring these patients as well.

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