



A Novel Approach to QT Measurement in Clinical Trials



Efficient Safety Analysis

To access the richness of Holter data in TQTs, automated measurement of QT is required. BioQT provides a thorough and definitive analysis with invaluable data from continuous ECG recordings without increasing the total cost of the study. By creating the next level of insight into cardiac safety, BioQT is leading the way to a new Gold Standard.

BioQT is an innovative tool that combines the benefits of Cardiologists' human oversight with a high-throughput and low-cost analytical platform.

- QT interval assessment
- Beat-by-beat confidence measures
- T wave morphology assessment
- Expert cardiologist summary
- Drug benchmark analysis
- ECG data quality indicator

BioQT Benefits

- Breakthrough combination of speed, precision, and cost-effectiveness
- Fewer subjects required, reducing unneeded human exposure and study costs
- May exonerate compounds that have QT effect but do not alter T wave morphology
- Clinical advantages
 - Avoidance of misleading ECG outliers
 - More accurate identification of treatment status
 - Much smaller standard deviation of QTc
 - T wave morphology assessment and insights

"BioQT has the capacity to analyze a much greater quantity of electrocardiographic data in each subject as compared to conventional methods of analysis. The result will be much greater specificity and sensitivity for abnormal repolarization which will allow drugs to be more accurately evaluated with fewer subjects exposed in smaller, less expensive trials."

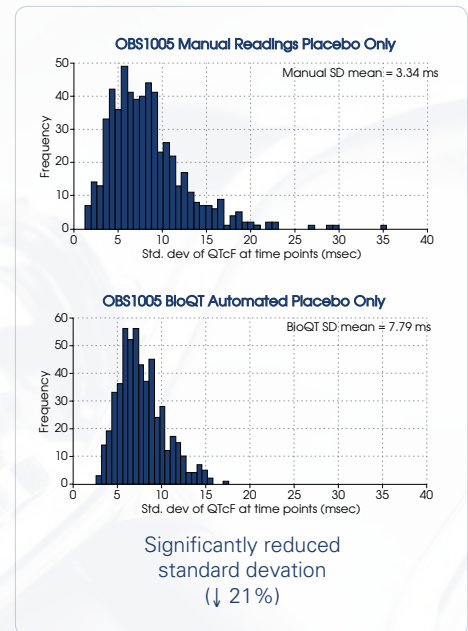
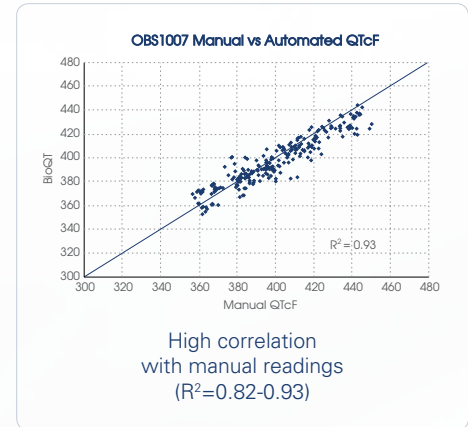
Jay Mason, M.D.
Consulting Chief Medical Officer

Clinically Validated

BioQT was used in the industry's first algorithm-based prospective study. Thousands of hours of Holters and millions of ECGs have validated BioQT's accuracy and efficacy. In comparison to the traditional method, more robust results are generated with statistical significance. The algorithm separates high-quality signals from noise by assigning confidence levels for each beat.

BioQT Clinical Trial Applications

- Typical Thorough QT study
 - Robust results for lower cost, in less time
- Early phase clinical study
 - Early detection of QT effects to aid in future trial design
- Oncology trial without an active control
 - Distinguish between disease effects and treatment effects in special populations





11495 N. Pennsylvania St.
Suite 250
Carmel, IN 46032 USA
317.581.9236
866.424.6744

www.obsmedical.com
info@obsmedical.com