

To form out a sample control signal for a whole period, the equations corresponding to x -values along the X -axis shall be drawn using optional operator until a whole period finishes and this shall be repeated until “ n ” periods finish.

- [14] <http://www.biopac.com/bslprolessions/h01/bslproh01.htm>
 [15] http://soins.hug-ge.ch/techniques_soins/techniques/cardio_vaculaire_sang_derives/ecg.html
 [16] <http://www.health.uab.edu/default.aspx?pid=23519>

CONCLUSION

The data used in this research paper are the results from the professional measurement that made for analyzing various ECGs from different parts of Mongolia and to use for diagnosis. Therefore, it can be said that one could get true and objective data covering not only ECGs, but also the results of clinical examinations and diagnostics in general. Mathematical processing was done for these data and optimal option of the sample control signal for monitoring the normal functioning of heart bio-electric cardiogram equipment was developed. The methodology of the evaluation of the function of ECG equipment being checked by the sample signal allows quick evaluation of the equipment going to be used.

Inspection of normal technical functioning and determination of the equipment's readiness for diagnosis have practical significance. Because there are various medical equipment produced in different countries with different technologies are used in Mongolia, these methods are very important to improve medical diagnostic and treatments.

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