RESULTS & CONCLUSION

The project has been tried to implement successfully, and the relevant waveform of the electrocardiograph have been tried to display successfully on remote display units (oscilloscope). The one drawback faced while displaying this waveforms was that the waveforms didn't completely confirm with the expected characteristic and it is very weak and distortion. One reason for this could be the noise interference due to transmission. This can be corrected by digitizing of the ECG signal at source. This reduces noise levels significant. Another reason is the lack of specialize viewing equipment like an ECG monitor.

The project is however significant, as the main advantage is that monitoring need not be done at source and that a large number ECG signals can be viewed on the same equipment by transmitting on different bandwidths. This equipment can also be placed in ambulances and the ECG monitor and receiving units maybe placed in the hospital, this enables the patients condition to be diagnosed even before they reach the hospital, enabling immediate treatment.

RECOMMENDATION

We intend to minimize even those few problems in our later projects. We hope that this project can be used by medical institutions to its greatest potential, minimizing noise and increasing accuracy levels by the process of digitizing at the source.

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