

Thesis Title A Study on the Design and Construction of
 the Clinical Electroretinograph

Name Mr. Kijja Hutayon

Degree Master of Science (Biomedical Instrument)

Thesis Supervisory Committee

 Chusak Vejbaesya, M.D., Ph.d.

 Tiam Lowtiantong, M.D.

 Supachai Chotibut, B.Sc., M.D.

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ABSTRACT

The researcher has designed and constructed the clinical electroretinograph (ERG). This ERG is intended for using in the hospital, that lack of it, for testing the needed patients. This prototype ERG is cheaper than the commercial ERG from abroad. The designed and constructed ERG composes of the two channel isolated ERG amplifiers, the eight contact lens electrodes, the photic stimulator. The constructed prototype ERG and equipments are tested either in technical characteristics and in subject tests. The result in normal subject testing between the commercial ERG and the prototype ERG show no difference either in wave amplitude and latency. So, the constructed prototype ERG can be used for hospital as required.