

Electrogastrographic Signal (EGG) is considered to be one of the less interesting from both registration and interpretation point of view. There are several reasons of that two facts. EGG presents gastric myoelectrical activity measured by several electrodes attached on the abdomen. Unfortunately the registration procedure does not deliver a pure signal as EGG is usually associated with some interferences caused by the other organs localized near stomach. On the other hand however, there are no databases available, which could allow both comparison and proper interpretation. The source of EGG [1] signal is the stomach, which similarly like other elements of gastrointestinal system is made of parallel positioned, mutually connected muscle layers. From the EGG signal point of view, human stomach is made of special muscle membrane frequently called muscular coat, consisting of three layers: external longitudinal, middle circular and finally internal oblique, which due to mutual close specific connections can commonly work as electric signal network.