

# Development of an Electronic Stethoscope

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**Abstract:** This paper presents a development of an electronic stethoscope which would acquire auscultation results and transfer them to the computer where they can be immediately processed, analyzed and replayed. The presented prototype was based on the redesign of already existing stethoscope supplemented with data acquisition element (electret microphone connected to the computer sound card). The software for data acquisition and processing has been also created and presented

**Keywords:** stethoscope, biomechanics, analysis, microphone, applications, LabVIEW