

This paper proposes a sound localization method for heart sounds recorded from subjects in normal noise environment. Various sound localization methods were investigated to discover a method suitable for heart sounds. Electronic stethoscopes were used to record real heart sounds from healthy subjects under normal environment and sound localization was performed. Part of the research work included determining the right sound velocity value for the human chest through experimentation. Preliminary results consist of sound localization done on human heart sound to locate source of the first heart sound (S1).