

Current music technology for music and medicine

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Abstract:

This workshop will demonstrate practical applications of recorded music as well as live instruments for therapeutic purposes. Electronic keyboards, harps, guitars, and other live sources will be explored. Electronic content delivery via recorded devices will be surveyed. Practical set up applications will be shown for clinical offices as well as for pre-and post operative rooms. This workshop will also explore the application of modern digital devices such as the iPad and iPod in the operating room and clinic. This workshop will also demonstrate the theory and set up of an digital piano used in a 2008 study of live music in the operating room. Hospital permission, piano preparation, sterilization, and other practical applications will be explained for further use by other surgeons in the modern operating room. The author can be reached at ruszkows@hawaii.edu