

Study Title: Auditory Perceptions of Fibromyalgia Patients

Formal Title: Auditory Perceptions of Fibromyalgia Patients

IRB Number: 2004-0601

Principal Investigator: Daniel Clauw, MD

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School: Medical School

Department/Division: Internal Medicine, Rheumatology

Location of Study: Domino's Farms

Compensation: \$20 for complete participation

Purpose: Research has indicated that individuals who suffer from Fibromyalgia (FM) may suffer from an overall hypersensory disorder that makes them more physically sensitive. Primarily, research on FM has looked at patient sensitivity to touch stimuli. This study is attempting to determine if FM patients also have hypersensory reactions to auditory stimuli.

Lay Description:

Participation in this study takes about one hour and can be done during the Chronic Pain and Fatigue Research Center Subject Registry visit. In order to participate, you must not have any known hearing loss. Both healthy controls and CMI patients can participate. Each participant will be asked for permission to allow the researchers to utilize the data collected during Subject Registry. That data will be used to help determine what factors may contribute to an individual's experience of auditory sensitivity.

Participation in this study involves three parts:

- A pass/fail hearing screening will be performed according to the American Speech-Language-Hearing Association guidelines (1996). It will test the hearing of each participant in order to determine if they are eligible to participate in the study.
- Each participant will complete a brief self-report questionnaire to indicate their experiences of real-life auditory discomfort.
- During the behavioral test, the participant will be asked to indicate when auditory tones reach a "most comfortable" volume level, and when they

reach the highest “discomfort” level, or in other words, the point at which the sound is overwhelming to the participant. The participant is in control of the level of volume delivered at all times, and the volume will never reach a level that would cause auditory damage.

General Condition Association: Fibromyalgia

Study Contact Name: Barbara Patrick

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Study Website: <http://www.med.umich.edu/painresearch/>

Study Inclusion Factors:

Age Range: 18 years of age or older

Gender: Male and Female

Ethnic Group: All ethnic groups are eligible

Race: All racial groups are eligible

Smoking/Non Smoking: Either

Medications: No limit (However, a volunteer that uses hearing aids will not be included.)

This Study is Seeking: Healthy controls and individuals with Fibromyalgia

Keywords: Hearing, Chronic Multi-Symptom Illness, Physical Sensitivity, Audiology