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MEMORANDUM

To: Nitish Thakor, PhD
Professor, Biomedical Engineering
Department of Biomedical Engineering

Joseph Gillen, BS
Research Associate
Department of Radiology – MRI Research

From: Roy Shipley, CBET
Associate Clinical Engineer
Clinical Engineering Services

Re: Your study entitled: “*Simultaneous EEG-fMRI studies of healthy volunteers at 1.5 and 3.0 tesla*”
RPN # NA_00005004

Date: October 19, 2006

As requested by Joseph Gillen, I have reviewed the documentation for the study and tested the electrical safety of the Compumedics Neuroscan model 8050 system unit. The device passed the AAMI/ANSI standard for grounding resistance and chassis leakage current. I am satisfied that the MR compatible EEG measurement system presents no electrical, mechanical or thermal risk to study volunteers.

Clinical Engineering Services approves of this equipment for use in your study. If you have any questions, please contact me by phone at 5-2100 ext.106 or via E-mail royshi@jhmi.edu.

Cc: Andrew Currie