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## MEMORANDUM

To: Peter Barker, D.Phil.  
Professor  
SOM Radiology-Neuroradiology Research

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

Re: Protocol number: NA\_00036313  
Your study entitled: **“MRS and MRI Studies of Normal Volunteers at 1.5 Tesla, 3.0 Tesla and 7.0 Tesla”**  
CES project number: P-2676IRB

Date: January 4, 2011

As requested by Joseph Gillen, I have inspected the Nova Medical, Inc. sixteen channel spine array, model number NMSC059-7P, serial number 001 and reviewed the safety letter provided by Nova Medical.

After examining the device, reviewing the manufacturer’s safety features and discussing the clinical usage with Joe Gillen, I find that this MRI coil accessory represents a non-significant risk to study volunteers.

Clinical Engineering Services approves of the Nova Medical sixteen channel spine array coil accessory for use in this study protocol. If you have any questions, please contact me by phone at 5-069 or by E-mail [rshiple1@jhmi.edu](mailto:rshiple1@jhmi.edu).

Cc: Andrew Currie  
Joseph Gillen