

J. Keeter

May 15, 1967

Dr. Joseph A. Berman
The Jewish Hospital of Brooklyn
555 Prospect Place
Brooklyn, New York 11238

857-8700

Dear Joe,

I have read the appendix to your research grant with a great deal of interest and find that the associates at Columbia University are most sophisticated in the analysis of EEG signals. Their emphasis on power spectral density is logical, but it is probably the more expensive way of handling the problem which you face. It seems to me that the initial approximations for your work are no different than our initial approximations and for these, period analysis is faster and much less expensive. We have already developed a variety of methods of using the period analytic output to characterize the patterns in the EEG and these might be useful in determining the changes which you anticipate in your animals.

My second thought has to do with the idea of a library of tapes. This is indeed a good idea, although I wonder if saving the digital tape is the best way to save the data. It does mean, that any analyses you wish to undertake must be done in laboratories which can read that tape. My own predilection is to save the analog information. However, this may be too expensive.

Incidentally, I found the enclosed article in the Medical News section of the J.A.M.A. recently and am sending it to you. The differences in the two records described in this note are probably measurable by period analysis.

My laboratory should be in operation by September and we would be pleased to have you and your associates visit us with the assurance that we will cooperate in any way that we can.

Sincerely yours,

Max Fink, M.D.
Professor of Psychiatry

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