

January 22, 1969

Dr. Philip A. Boyer, Jr.
Medical Director
Marion Laboratories, Inc.
10236 Bunker Ridge Road
Kansas City, Missouri 64137

Dear Dr. Boyer:

Thank you very much for the reprints describing studies of drugs in hyperkinetic children. I did find the articles interesting and have sent them to my associate, Dr. Simeon.

The effects of vasodilators on EEG is a subject of increasing interest, but one for which the data is unclear. A few years ago we did administer papaverine in single doses and were able to show changes in the EEG at a time when peripheral blood pressure was altered. This study did not provide enough data to assure us of the central effects of papaverine. There have been numerous studies of the effect of carbon dioxide on EEG, but these were done primarily using visual analysis and here too the data is unsatisfactory.

One investigator, John Whittier, has been interested in the EEG effects with vasodilators but his techniques are limited and his studies should be replicated.

The substance of these remarks is to indicate that while the demonstration of EEG effects of vasodilators is not complete, I believe that vasodilators will effect the EEG and that quantitative methods could describe the changes.

Again, my thanks for the reprints.

Sincerely yours,

Max Fink, M.D.
Professor of Psychiatry

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