

73SB-014A

January 6, 1973

Mr. R. J. Gradwell, Contracting Officer
Contracts Management Branch
National Institute of Mental Health
Rockville, Maryland 20852

Dear Mr. Gradwell,

I am writing with regard to the equipment needs of the contract, Antagonists to Opiates (31-6068A) at this University. The proposal calls for an evaluation of the efficacy of cyclazocine and methadone in the treatment of opiate dependence. Among the criteria are those for an adequate dose of methadone (tolerance to high doses), and a blockading dose of cyclazocine, defined by its blockade of an administered dose of an opiate, usually diacetylmorphine (heroin). The criteria for blockade are subjective reports, changes in behavior, respiratory rate, pupillary size, and EEG. While no single criterion is essential, none alone are satisfactory, for expectation and set are important aspects of an addict's response to an injection.

In the negotiations in June, we indicated that some equipment for the study program would be available, including an EEG, but not the tape recorder necessary to provide the interface between the EEG and the computer analytic facility at the University. Nor are we able to provide the equipment for pupillometry.

Should objective measures for the effects of cyclazocine be deemed important, both a pupillometer and a tape recorder should be provided. Should subjective criteria be sufficient for the evaluations, these requests should be denied.

Sincerely yours,

Max Fink, M.D.
Professor of Psychiatry

cc: Alan Ramsay, M.D.