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A Clinical Trial of Five Phenothiazines Using Sequential Analysis*

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Although there are now many examples of the use of sequential analysis in medical research,^{4, 8, 13} as well as several excellent discussions of the method,^{1-3, 5, 7} it has not often been applied to psychiatric problems. It seems particularly appropriate for clinical trials of new therapeutic agents. This paper describes an application of sequential analysis¹⁴ to data gathered in a large-scale controlled study of newly admitted schizophrenic males treated with selected phenothiazine derivatives. Following a statement of the experimental design, the results of an analysis of multiple covariance will be presented to serve as a basis for evaluating the results of the sequential tests. The relevance of both analyses to this study will also be discussed.

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