

FROM: SGHME

29 July 1974

SUBJECT:

TO: SGS/Col McPhaul

Following is a report on clinical investigation during the period 1 Jan 1974 to 30 Jun 1974.

a. Protocol entitled Pathogenesis of Hypertension with Low Renin Activity 1-49 (73). Ten patients have now been admitted to Wilford Hall hospital for evaluation on the low renin protocol. Most of the laboratory work on these patients has been completed but the renin samples for the last four patients to be admitted still await final results. Once these have been completed the results will be analyzed and I am hopeful some conclusions can be drawn from the data obtained. There have been no special or unexpected problems encountered. There have been no significant deviations from the protocol. I would estimate the project is 70% to 80% completed. Man hours expended in support of this project during the past six months:

- 1 Major 9386 - 40 hrs duty time, 15 hrs off-duty time
- 1 Lt Col 9386 - 20 hrs duty time, 10 hrs off-duty time
- 1 Sgt 99127 - 40 hrs duty time
- 1 Sgt 90250 - 30 hrs duty time
- 1 Civ nurse Metabolic Unit - 40 hrs duty time

✓ b. Protocol entitled Radio Immunoassay of Plasma Aldosterone 1-60 (73). Investigation progress is not satisfactory. Work on the radio immunoassay of aldosterone included preparation of all buffered antibody solutions, preparation of aldosterone and aldosterone lactone standards and the demonstration of a standard curve which proved effective binding and ability to measure aldosterone. Due to difficulties with technical help no further work on the radio immunoassay of aldosterone has been performed and this is not a working assay at the present time. Man hours expended in support of this project include:

- 1 Major 9386 - 60 hrs duty time, 25 hrs off-duty time

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