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## PROPOSED STUDIES FOR THE METABOLIC WARD

Hardin Jones

1. The techniques for measurement of liver circulation are now ready for intensive clinical application.
2. It is hoped that the work on regional circulation in general can be pushed to take advantage of the development of laboratory techniques here. These studies will be made with radioactive sodium, radioactive gases and radioactive water (HTO).
3. Tracer metabolism in humans can begin soon with some of the radiocarbon compounds such as methyl labeled pyruvate and formate. These two compounds show promise in preliminary studies of having a different utilization pattern in the neoplastic mice than normal mice.

In all of these problems the physiological state of the patient subject is of the utmost importance, since physical activity is known to affect some of these circulatory measurements by a factor of 10, and the premise of the measurements themselves depends upon an existing "steady state" of the subject. This can only be effected by hospitalization.

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METABOLIC UNIT  
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BOOK I