

UNITED STATES GOVERNMENT

Memorandum

TO : Dr. Charles L. Dunham, Director
Division of Biology and Medicine

DATE: MAY 29 1962

FROM : Robert Lowenstein, Director *RL*
Division of Licensing and Regulation

SUBJECT: STUDIES ON USE OF IODINATED HUMAN SERUM ALBUMIN

DLR:MS:LRR

The Advisory Committee on Medical Uses of Isotopes met with our staff on May 21 to discuss the licensing of medical uses of radioisotopes.

In the course of discussion, several committee members noted that there was a current trend toward the use of iodinated human serum albumin for placental localization in the differential diagnosis of placenta praevia. Although there are some pertinent data from clinical uses, and research in animals, the Committee considers this information inadequate to make a realistic evaluation of the usefulness of this procedure.

It was suggested that perhaps the Division of Biology and Medicine could encourage or support (or could encourage NIH or other appropriate agency) studies by a well qualified and recognized medical group with the objective of determining the distribution and ultimate fate of the albumin and iodine fractions in the maternal and fetal circulations and organs, clinical usefulness, indication, contra-indications and other pertinent considerations for the clinical use of iodinated human serum albumin.

The Committee considers that these studies by a recognized group, leading to publication of the results in the literature, would contribute greatly to the evaluation of this medical use of iodinated human serum albumin and possibly reduce unnecessary radiation exposure of pregnant women from this procedure.

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