



## CENTER FOR HUMAN RADIOBIOLOGY

DRAFT

January 4, 1973

Christine Waterhouse, M.D.  
-  
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Dear Dr. Waterhouse:

I am writing to confirm arrangements you discussed yesterday by telephone with Dr. Margaret Littman of this laboratory. First, I wish to express my thanks to you and Dr. Patricia Durbin for making possible this follow-up study of your Rochester patients. This work is very important to us, and we will make every effort to perform our part satisfactorily.

My understanding is that the study will involve care of two or three patients for a period of 2 weeks or more in the metabolic ward of Strong Memorial Hospital. The patients will maintain normal physical activity as much as possible. During this period, a complete physical examination will be given and excreta collected for analyses at Argonne. Formulation of a detailed protocol will have to await further developments and discussion with you, but we have the following special procedures in mind:

- 1) Complete collection of urine and fecal samples. We will provide containers and set up procedures for shipping to Argonne.
- 2) Blood samples for clinical analyses and for examination of chromosomes.
- 3) Complete or partial skeletal X-rays.
- 4) An iliac crest bone biopsy.

We are also looking forward to the possibility of autopsy samples.

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PROVENANCE

REPOSITORY: OFFICE OF HUMAN RADIATION  
EXPERIMENTS (OHRE)

COLLECTION: PLUTONIUM INJECTION INVESTIGATION  
FILES (OHRE 1)

BOX: 3

FOLDER: PLUTONIUM - CHR

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Dr. Christine Waterhouse:

January 4, 1963 <sup>7</sup>

We will pay all expenses of the study. Evidently it will cost \$90 per day per person for the metabolic ward, including routine clinical analyses, and this is very satisfactory to us. In addition, we will pay for any special diagnostic procedures and take care of personal expense for the patients. Also, we can arrange payment of up to \$140 per-week for each patient as an inducement to participate in this study. *should be per trip*

Presumably, it would be desirable to set up an account number for us at Strong Memorial so that we can be billed directly. If convenient, please arrange for this account, or let us know whom to contact for this purpose. The account should be set up for our business manager as:

Mr. R. A. Kucera, D203  
Center for Human Radiobiology  
Radiological and Environmental Research Division  
Argonne National Laboratory  
9700 South Cass Avenue  
Argonne, Illinois 60439

Dr. Durbin thought that Ms. Rose Steinberg, Dr. Newell Stannard's secretary, could provide help in day to day contacts.

Members of our staff most likely to be directly concerned with this study are as follows:

- Austin M. Brues, M.D. - Medical Director for CHR
- Margaret S. Littman, M.D. - Certified pathologist
- John Rundo, Ph.D. - Group leader for measurements
- Andrew F. Stehney, Ph.D. - Section head for CHR.

Of course, I will maintain a close personal interest.

*Dr. Gilbert Forbes*  
With your permission, I would like to designate Dr. Littman to coordinate CHR work in this study. Dr. Rundo will specify details of collecting excreta and arrange for containers to be provided. He would also like to determine whether whole-body measurements can be made at Rochester and asks whether Dr. Gilbert Forbes can provide information on this subject. I expect both Dr. Littman and Dr. Rundo to visit you at Rochester to make further arrangements. I believe that the study can start as soon as you can arrange for admission of the patients to Strong Memorial Hospital.

No doubt there are numerous other matters to be worked out between you and members of our staff. Please do not hesitate to call on me for any help I can provide.

Sincerely yours,  
Robert E. Rowland  
Director



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