

October 10, 1955

Dr. Alberto Hurtado
Apartado 1116
Lima, Peru

Dear Dr. Hurtado:

Without too much difficulty I made the transition from Randolph to the Medical College of Virginia, and we are now in the midst of setting up our laboratory.

This summer we completed some studies on fluid and electrolyte compartments in the dog lung. If this is published I will certainly send the data on to you as it is rather interesting. The studies we made in the llama have been accepted for publication in the American Journal of Physiology, and unfortunately the data on the human is just now getting into final form and most probably will be submitted for publication within the next week or two. All of our data was scrutinized by Dr. Homer Smith et al and we feel it is of some value. Of course there are many other problems which logically present themselves, and I sincerely hope that some of the people in your laboratory will continue this work.

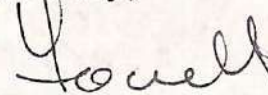
As I have not seen Dr. Pitts, I was anxious to know if Dr. Lozanno will be working with him this year. If he comes to the States, we would like very much to have him stay with us any time he can find free. Further, I would consider it a privilege to have him meet some of our friends in New York who would be most happy to help him get acquainted and settled in New York City.

I was curious to know if Dr. Picon has continued the work on total body water and extra-cellular fluid compartments. I feel the work that they published on total body water was quite good, but I am still curious to know whether or not there is any alteration in the balance between intra and extra cellular fluid during the process of acclimatization. This problem becomes rather difficult in view of the inaccuracy of the methods. We have submitted a manuscript on the ECF space in dogs during a period of acclimatization (18 months) to a simulated altitude of 20,000 feet in a low pressure chamber. These results were negative and any changes thought to be due to methodology.

We will certainly keep you posted on our work and I will look forward to seeing you before too long. Please give my very best regards to your family and all the members of your laboratory. You might tell Dr. Velasquez we will miss him on our deer hunting trip

this fall. My wife would like to know when your daughter is planning to be married.

Sincerely,



E. Lovell Becker, M. D.

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