

JAMES HAWLEY CURRENS, M. D.
226 MARLBOROUGH STREET
BOSTON 16

July 9, 1953

Dr. Alberto Hurtado
P.O. Box 1116
Lima, Peru

Dear Dr. Hurtado:

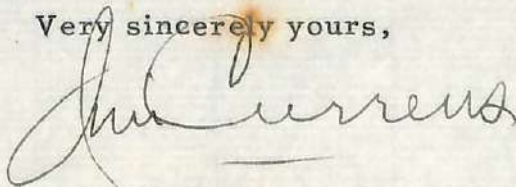
We have been carrying on some tests with the hypotensive drug, Protoveratrine, in the last two or three years and have found three patients who developed Cheyne-Stokes breathing when the blood pressure is at a low normal level. Two of these patients had registered this type of breathing even while breathing 100% oxygen.

I was quite interested in knowing whether you had made any observations on the frequency and type of breathing in patients taken to altitudes from Lima. Mosso, the Italian investigator, who published a book back about 1895, describes the respirations as being somewhat slower in individuals taken to the high altitude in the Alps. I would be much interested in any note you have regarding the affect of altitude upon the respiration at rest. Incidentally, the three patients which I mentioned were all older patients who had had cerebral vascular accidents, one or more.

We were very appreciative of your lectures given in Boston this past spring, and I am anxious to know where the data is to be published so that we may have reference to this work. Will the publication in *Medicine* be out some time this year?

Please let me know when you are coming to Boston again. We will show you our spiograms and try to get you to explain to us the reason for such peculiar tracings. I would also like to arrange for a little more social activity than was possible during your last visit.

Very sincerely yours,



JHC/ac