

December 16, 1933

Dr. E. A. Park
Department of Pediatrics
Johns Hopkins School of Medicine
Baltimore, Maryland

Dear Dr. Park:

Please accept my thanks for the reprint describing the roentgenologic studies which you and your associates have made in relation to lead poisoning.

I am taking the liberty of sending you a reprint containing a series of articles which describe our chemical studies in the same field, which may be of interest to you. During the past year we have been studying various parts of the same field which we have covered in our chemical work by means of the spectrograph. Our results indicate that the chemical findings are uniformly low and that for any one analysis there is a loss of approximately 0.06 to 0.07 mgs. of lead. This means, of course, that our analytical results in the presence of large amounts of lead have a very small error, while in the case of the urine and blood where the quantities are considerably less, the error is appreciable. Thus the mean urinary excretion for normal individuals studied under laboratory conditions is approximately 0.075 to 0.08 mgs. per liter as compared to our finding of 0.02, 0.03 by chemical methods. I mention this merely because it may be of some consequence to you to know the precise sensitivity of the chemical method which we have employed in the accumulation of our data.

Very truly yours,

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Robert A. Kehoe, M.D.

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