

*Massachusetts General Hospital*  
*Boston*

NATHANIEL W. FAXON, M. D.  
DIRECTOR

December 23, 1936

Professor Karl T. Compton  
Office of the President  
Massachusetts Institute of Technology  
Cambridge, Mass.

Dear Sir:

I received your letter in relation to the radio activity that can be artificially induced with iodine and believe the data will be of considerable interest to us as we intimated to you. The fact that iodine is selectively taken up by the thyroid gland when injected into the body makes it possible to hope that iodine which is made radio active and which loses its radio-activity as rapidly as you indicated will be a useful method of therapy in cases of overactivity of the thyroid gland.

Thank you for this information and if animal experiments are undertaken we will communicate the results to you.

Very sincerely yours,

Saul Hertz M.D.  
Thyroid Clinic

SH:IM