

ones he has seen in children following  $^{131}I$  therapy. This Division has a file of Dr. Lindsay's histological reports and a review paper by Lindsay and Cherkoff, Cancer Research, 24:1079, 1964.

The radiation doses which these children's thyroids may have received are being re-evaluated by Dr. John Goeman's group, Lawrence Radiation Laboratory.

It should be added that nodules in the thyroid glands of young people frequently become malignant in the course of time. Therefore, while those which were removed promptly after discovery were not malignant, there is a chance that in time they might have assumed neoplastic characteristics. Dr. Goeman's next clinical survey will take place in February 1965.

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*CL Dunham*  
1964 JAN 6 11 58 AM  
DIVISION OF BIOLOGY AND MEDICINE

C. C. Bruner, M.D.  
Director  
Division of Biology and Medicine

cc: Secy (2)  
GM (2)  
AGMRD  
BMA  
ADMHR

Attachment:  
Copy of memo dated 10/2/64  
from C. C. Bruner to Chairman and Board

BMA                      ADA  
1/ /64                      1/ /64

ADMHR                      DIRECTOR

HDBruner:pwg              CLDunham  
1/6/64                      1/ /64

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