

(C O P Y)

WALTER B. MARTIN, M. D.
339 Boush Street,
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October 14, 1940

Messrs. Hughes, Little & Seawell,
Attorneys at Law,
Wainwright Building,
Norfolk, Virginia.

Dear Sirs:

I am enclosing herewith a copy of my findings on [REDACTED]

His history indicates that this patient was one of a group of men who on Tuesday, January 30, 1940, helped clean out a gasoline tank which had previously been filled with gasoline containing tetraethyl lead. The patient's memory is very poor and he is unable to relate how long he worked in the tank. The records at St. Vincent's Hospital show that he was brought into the hospital in a state of confusion and was in the hospital for several weeks. He states that he does not remember going into the hospital.

He is now complaining of pain in his head which is present when he is hot or when he walks. He apparently has an extreme compulsion to walk a great deal. His sister states that when he does sit down he often dozes off and goes to sleep. He also complains of having a pain in his chest and being restless at night. An accurate history is difficult to obtain on account of the patient's inability to remember or to answer clearly.

On examination his nutrition is fairly good. He shows extensive scarring from an old smallpox eruption. The optic discs appear pale but the retinal vessels show no particular changes. There is marked infection about his teeth and gums. There is a moderate degree of hypertension. There is a fairly severe secondary anaemia. His kidneys are clear and the kidney function is good.

Of course, at this date it is impossible to prove or disprove presence of lead by any analytical method. His history, however, seems to be conclusive that he suffered from rather severe acute lead poisoning, with definite evidence of cerebral involvement. His symptomology now is compatible with a late lead encephalopathy. To what extent this patient's impairment is due to lead is somewhat difficult to assess, since I do not know his mental state, etc., prior to the onset of the acute lead poisoning.

Very truly yours,

(sgd) Walter B. Martin, M. D.

No. 11,123

October 7, 1940.

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Physical Examination

Patient is a fairly well-developed, moderately well-nourished colored man who does not appear acutely ill. His height is $66\frac{1}{4}$ inches and his weight is $133\frac{1}{2}$ pounds.

SKIN - Is pock-marked, particularly over the face and back. There is no eruption.

HEAD - Is negative.

EYES - The sclerae have a muddy appearance. There is a lateral nystagmus, particularly marked on looking to the right. The pupils are equal and regular and react to light. The eye grounds show rather pale discs but the blood vessels do not appear abnormal. There are no hemorrhages and no areas of exudate.

NOSE - There is no obstruction and no discharge. The frontal sinuses and the antra transilluminate clearly.

MOUTH - The mucous membranes are of good color. The teeth are in very bad condition. There is marked pyorrhoea and many cavities and caries. The throat is not inflamed. The tonsils are not enlarged.

GLANDS - There is no cervical, axillary, or inguinal enlargement.

CHEST - Is well developed. The expansion is good. The lungs are clear throughout.

HEART - Is not enlarged, on percussion. The apex is felt at the nipple line. The sounds are of good quality. There are no murmurs.

PULSE - Is regular in force and rhythm; rate 60.

BLOOD PRESSURE - $\frac{180}{115}$

ABDOMEN - Is soft and easily palpable. There are no masses and there is no tenderness. The liver and the spleen are not felt.

GENITALIA - The external genitalia are normal in appearance.

RECTAL EXAMINATION - The sphincter is of good tone. The prostate is not enlarged and is not tender.

EXTREMITIES - There is no oedema.

JOINTS - Are normal.

REFLEXES - Are present and equal and normally active.

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C O P Y
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339 BOUSH STREET
NORFOLK, VIRGINIA

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Laboratory Findings

10-7-40

Blood

Hgb. 66%
RBC 3,410,000
WBC 6,200
Differential - 200 cells
 PMN 73.0 4,526
 PME 0.0 00
 PMB 0.0 00
 Lymph. 27.0 1,674
 Mono. 0.0 00
 6,200

Urine

Volume - Specimen
Appearance - Slightly cloudy, amber
Reaction - Acid
Sp Gr - 1019
Sugar - Negative
Acetone - Negative
Albumin - Negative
Micro. - Negative

Non-protein nitrogen - 30.0 mg. per 100 cc.
Urea nitrogen - 12.5 mg. per 100 cc.
Urea ratio - 41.7%
Sugar - 100 mg. per 100 cc.

Wassermann - Negative
Kahn - Negative

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