

November 13, 1950

Dr. Robert D. Maddox
Fisher Body Co.
4726 Smith Rd.
Cincinnati 12, Ohio

Re: [REDACTED] #422

Dear Dr. Maddox:

I saw the above man at your request on 11-1-50. At that time he complained of knife-like pain in the stomach of 24 hours duration, and of some tachycardia. The appetite is good and there is no nausea. For the last few days the bowels have moved two or three times a day and stools have been watery. Eating induces these abdominal pains and they are relieved by a bowel movement. He has mild constitutional symptoms.

There had been no previous illness like this. The family, marital and habits histories are non-contributory.

He has worked for Fisher Body for four months as a buffer in the "booth". He wears a hood and an air line mask.

He states that he has lost from 145 pounds to the present weight of 135 pounds since he began work at Fisher Body. There are no other complaints except for weakness in the knees and the desire to sit around in the last week. On physical examination he is an unkempt, thin man of limited intelligence who is coughing nonproductively frequently. The skin is dirty. The blood pressure in the right arm and in the recumbent position is 126 systolic and 70 diastolic. The pulse is 90 and the respirations are 18 per minute. The temperature is 98.6°. Physical findings are limited to a distinct dark line at the gum margins, especially at the lingual aspects of the molars, and a grade 2 systolic apical bruit. Fluoroscopy of the chest is negative.

Laboratory studies show the serology to be negative. The peripheral blood contained 11,300 leukocytes and 4,420,000 erythrocytes per cubic millimeter. The hemoglobin was 11.0 grams. A differential leukocyte count showed 66% polymorphonuclears, 30% lymphocytes, 1% monocytes and 3% eosinophiles. The sedimentation rate was 9 millimeters per hour and the packed cell volume was 32% cells. Three stippled cells were found per 50 fields which is about 250 per million erythrocytes. A voided urine specimen had a specific gravity of 1.020 and a pH of 6.5. The specimen contained no sugar or albumin. The centrifuged sediment contained an occasional epithelial cell. Examination of the blood and urine at the Kettering Laboratory shows 0.59 mg. of lead per liter of urine and 0.39 mg. of lead per 100 grams of blood by the spectrographic method and 0.38 mg. of lead per 100 grams by the dithizone method.

KE 0005199

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is my feeling that the patient has a hazardous lead exposure as shown by high blood and urine levels of lead, and the lead line. Such symptoms as desire to sit around may be due to lead intoxication. However, I think principal disorder is acute gastro-enteritis which is not related to lead poisoning. This distinction seems to be more or less academic since he must obviously be removed from lead exposure for an indefinite period.

Thank you for referring him to me for study.

Sincerely yours,

Henry W. Ryder, M. D.

HWR:SR

Res

KE 0005200

Name: [REDACTED]

Material: Urine and Blood

Submitted: 11-2-50 by Dr. Ryder, Fisher Body

Required: Lead Analysis

URINE

Analysis Number	-	50A-11543
Volume	-	137 ml.
Specific Gravity	-	1.018
Mg. Pb/Liter	-	0.59

BLOOD

Analysis Number	-	50A-11544	
		<u>Spectrographic</u>	<u>Dithizone</u>
Grams	-	13.8	15.0
Mg. Pb/100 Grams	-	0.39	0.38

Results phoned Dr. Ryder:

Samples Collected:	11-1-50
Samples Received:	11-2-50
Samples Reported:	11-7-50

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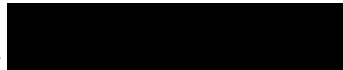
Robert A. Kehoe, M. D.
College of Medicine Eden Avenue
Cincinnati 19, Ohio

November 8, 1950

Fisher Body Division,
General Motors Corporation,
Norwood, Ohio.

Attention: Dr. R. D. Maddox

Analysis of Blood and Urine for Lead



\$ 20.00

Analyses performed at the request of
Dr. Henry W. Ryder.

KE 0005202

N 7276.02

Name: [REDACTED] (Fisher Body)
Material: Urine and Blood
Submitted: 10-12-50 by Dr. H. W. Ryder.
Required: Lead Analyses

URINE

Analysis Number	-	50A-11096
Volume	-	47 ml.
Specific Gravity	-	1.027
Mg. Pb/Liter	-	0.105

BLOOD

Analysis Number	-	50A-11097	
		<u>Spectrographic</u>	<u>Dithizone</u>
Grams	-	13.6	16.0
Mg. Pb/100 Grams	-	0.085	0.075

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