

PULMONARY FUNCTION TESTING  
MEETING AT HASKELL LABORATORY  
OCTOBER 25, 1966

Topics: Asbestos Problems

Pulmonary Problems

Relation of Serum Nickel in Myocardial Infarction

Members in Attendance:

C. A. D'Alonzo, M.D.  
J. A. Zapp, Jr., Ph.D.  
J. R. Zehr, M.D.  
J. W. Clayton, Ph.D.  
C. F. Reinhardt, M.D.

S. Pell, Ph.D.  
A. L. Lynch  
W. E. Keeld, Jr., M.D.  
G. J. Stopps, M.D.  
W. H. Zane (Engr.-Louviers)

Asbestosis

Objectives were outlined.

Mode of achieving objectives.

Application of findings once obtained.

Distribution of application.

Objectives

Exposure

1. Define Exposure Levels

Responsibility of Engineering Service Division

2. Examine Types of Operations Involved

Responsibility of Engineering Design.

3. Determine Adequate Respiratory Protection

Responsibility of Haskell Laboratory

4. Investigate Insulating Materials

What was used in past.

What is used now.

What suitable substitutes available.

Responsibility of Engineering Design.

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1. Review records of all Company cases of mesothelioma and lung cancer.
2. Questionnaire to Plant Sites  
Re: Lung Cancer  
Smoking History
3. Revise Company history and physical examination cards.  
Include good smoking and alcohol history.
4. Pulmonary disease disclosure.  
Chest x-ray.  
Functional studies.
5. Establish Company Industrial Hygiene Central Department

Pulmonary Function

Utilize Pulmonor Machine

Determine which tests give best applicable results:

Forced Expiratory Rate

Vital Capacity

Timed Vital Capacity

Work with Dr. C. Reinhardt

Visit with Dr. Tomashefski in Columbus, Ohio, for intricacy of testing.

Develop pre-testing questionnaire

Work with Dr. C. Reinhardt and S. Pell

Use C.W. as pilot plant

Re-evaluate results in approximately six months.

If valuable, set up standards for entire Du Pont Co. utilization.

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Nickel (with infarction)

Relation of Nickel Content with Myocardial Infarction

Nickel Study

If a new case of acute myocardial infarction is determined, we are requested to obtain within the first 24 hours 10 cc. of Serum (centrifuge sample) from the patient. Simultaneously, we should draw a control sample from a comparable subject--age, sex, height, weight, etc.

Send both samples to Haswell Laboratory c/o W. Clayton, utilizing letters for identification such as A, B, C, etc. Send pertinent information concerning the patient to Dr. C. A. D'Alonzo, Wilmington, Delaware.

WEM/M-S

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Copies: W. E. Neeld, Jr., M.D.  
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