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E. E. Southard

Am J Psychiatry 1910;67:119-176.

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A STUDY OF THE DEMENTIA PRÆCOX GROUP IN THE LIGHT OF CERTAIN CASES SHOWING ANOMALIES OR SCLEROSES IN PARTICULAR BRAIN-REGIONS.*

By E. E. SOUTHARD, M. D.

CONTENTS.

- I. THE SCHISM OVER DEMENTIA PRÆCOX..... 121
- Intoxication or dissociation.
 - Apparent hopelessness of cortical cytopathology.
 - Satellitosis of the deeper cortex layers (Alzheimer).
 - French confirmation.
 - Sioli's findings.
 - Alzheimer's proof that dementia præcox is an organic psychosis.
 - Differentiation possible between katatonic and maniacal excitement.
 - Similar disintegration products in the brains of katatonia and of toxic delirium or severe visceral disease.
 - Hirntod*.
 - Terminal infections in the insane remarkably common (Danvers data).
 - Acute cytopathological changes must remain hard to interpret.
 - Stratigraphic alterations (deep-layer satellitosis) important, but also not differential.
 - The topographic idea in the anatomical investigation of dementia præcox.
- II. MATERIAL, WITH STATISTICAL ANALYSIS..... 127
- Sixty-three cases of probable or possible dementia præcox.
 - Classified by age at death.
 - by age at onset.
 - by duration of symptoms.
 - Superficial analysis into forms.
 - Brain weights by sex.
 - by age at death.
 - by clinical forms.
 - by duration of disease.
 - Heart, liver, spleen, and kidney weights.
 - Summary.

* Read in part at the sixty-sixth annual meeting of the American Medico-Psychological Association, Washington, D. C., May 3-6, 1910. To be published also in the "Boston Medical and Surgical Journal" as part of the Charles Whitney Page Series of Danvers Hospital Laboratory Papers, 1910.

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ARTICLE | October 01, 1910

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Giacomo Pighini; Giuseppe Statuti

Am J Psychiatry 1910;67:299-316.

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METABOLISM IN DEMENTIA PRÆCOX.

BY GIACOMO PIGHINI AND GIUSEPPE STATUTI.

(From the Scientific Laboratories of the Institute of Psychiatry, Giacomo Pighini, Director.—Reggio Emilia.)

THIRD PAPER.

Following the studies upon the metabolism in dementia præcox,¹ already carried on by one of us, we now publish the results of four new cases examined, to which we add, as a comparison, another case of manic-depressive insanity. Two of the four cases of dementia præcox studied belong to a phase of acute exacerbation of the illness in its chronic phase; the other two show a dementia of long standing. All these patients have been studied very carefully over a long period in the Institute; so the diagnosis of their mental state may be considered quite certain. In this series of researches we devoted special attention to the azotic balance, and to the proportion between the various forms of sulphur eliminated in the urine:—inorganic, ethereal, and neutral sulphur. Researches were made as follows: The patient was kept in bed during all the period of experiment, attended by a special nurse and put on a special diet, some days before the collection of the feces, that he might reach an equilibrium on the new diet. This diet was always made up of cows milk 1000-2000 ccm., fresh eggs 200-300 g., sugar 50 g., salt 2 g. According to the individual weight, the daily quantity of milk and eggs given varied, so as to afford every day 25-30 calories 0.20-0.25 g. of *N* pro *Kg* of weight, a sufficient quantity to keep the equilibrium during the continued rest in bed. For each experiment the milk was first mixed in a large receptacle, then the daily ration transferred to

¹G. Pighini—Il ricambio organico nella demenza precoce. *Rivista Sperimentale di Freniatria*, XXXII, I-II, 1906.

Id.—Il ricambio organico nella demenza precoce. Nuove ricerche. (*N.* NaCl, C, Ca, P, K, S.) *R. Sper. di Freniatria*, XXXIII, II-III, 1907.

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