

52/35/20
Medicine
Psychiatry
Ladislav J. Meduna Papers, 1942-1959

Box 1:

Photographs of Dr. Meduna

Correspondence File, 1943-1954

- A, 1943-51. (Concerning I. Michael Agron: internship, research (study of interrelation of adrenal medulla with the hypophysis cerebri, and the insulinogenic cells of the pancreas; correspondence with physicians concerning CO₂ treatment.)
- B, 1943-52. (Dr. Meduna (1/4/52) to Dr. Conrad W. Baars (U.S. Army Hospital, Camp Cooke, California), concerning CO₂ treatment, list of institutions using CO₂ treatments and remarks concerning biological psychiatry vs. psychoanalysis. Also Dr. Meduna to Dr. Frank R. Barta (11/21/52) concerning the philosophical frame of reference of his experimentation and work. Fever Therapy Research, Neuropsychiatric Research Foundation. Also Dr. Meduna to Dr. A.E. Bennett (12/20/45) concerning early history of metrazol treatments. Also Correspondence concerning Coronet article about CO₂ therapy. Also Dr. Meduna to Capt. Francis J. Braceland (9/19/45) concerning early use of CO₂ therapy - methods and theory and to Dr. Harry Brick (7/7/52), concerning epilepsy and schizophrenia use of metrazol therapy.)
- Boszormenyi-Nagy, Dr. Ivan, 1950-51 (Appointment as research associate - recommendation.)
- C, 1945, 1950-52 (Correspondence with doctors concerning CO₂ treatments.)
- D, 1946-52. (To Dr. Anna K. Daniels, containing remarks on psychotherapy vs. medical treatment of neurotic conditions; to Dr. Maurice Dongier concerning neurophysiological effects of CO₂.)
- E, 1945-51 (To Dr. James C. Eaton (Glasgow, Scotland) concerning the anti-insulinic factor in schizophrenia.)
- F, 1943-54. (To Dr. John Favill, concerning paper by Meduna, "Dyshormonism in Psychoses and its Correction by Shock," and remarks concerning philosophical dualism vs. monism. Also to Dr. Leon Freedom concerning therapy of obsessive-compulsive neuroses.)
- G, 1944-52 (To Maj. H.L. Gordon, containing brief professional sketch of Meduna; to Dr. Charles E. Goshen concerning the latter's article, "The Original Case Material of Psychoanalysis," with remarks concerning Dr. Meduna's objections to psychoanalysis. And to Dr. Martin J. Gunter, concerning carbon dioxide treatment of narcotic addicts.)
- Gerty, Dr. Francis, 1943-52. (Correspondence concerning apparatus needed for experimentation on the anti-insulin factors in schizophrenia, patient treatment, questionnaire of the National Committee for Mental Hygiene, research, Portal House project of the City Welfare Department, effect of carbon dioxide upon the physiology of nerve function, and annual reports on research activities.)
- H, 1945-52. (Dr. Meduna to Dr. Hudson Hoagland concerning the hypoglycemic factor in the urine of schizophrenics.)
- I, 1951 (Concerning carbon dioxide administration technique.)
- J, 1950-51
Jackman, Dr. (biographical data, 1952)
- K, 1946-52 (Dr. Meduna to Dr. Lothar Kalinowsky concerning book by the latter.)

- Liest, Dr. Leonard J. (Oregon State Hospital), 1950-51. (Concerning Leist's book and remarks by Meduna concerning article by Liest; Text of article, "Carbon Dioxide Inhalation Therapy in the Management of the Psychoses," by Liest; photographs of Carbon Dioxide Therapy at Oregon State Hospital, Women's Division.)
- L, 1950-52. (Dr. Meduna to Dr. Harry A. Laburt concerning research activities of the Dr. Sackler. Correspondence with Dr. Toth Laszlo (Budapest, Hungary) concerning shipment of scientific materials and with Dr. Albert A. La Verne concerning CO₂ therapy and multiple sclerosis.)
- M, 1944-52. (Correspondence with Dr. W. Mayer-Gross (Dumfries, Scotland) concerning the hyperglycemic factor in the urine of oneirophrenic patients; with Dr. J. N. P. Moore (Dublin, Ireland) and with Dr. John D. Moriarity concerning his article and remarks relating to psychoanalysis and psychiatric journals.)
- Mc, 1949-52. (Correspondence with Dr. L. Douglas MacRae concerning resolution of Michigan State Medical Society unfavorable to use of carbon dioxide therapy.)
- N, 1947, 1951-52. (Correspondence concerning use of carbon dioxide therapy during pregnancy.)
- O, 1950-52
- P, 1945-53. (Correspondence between Dr. Meduna and Dr. Harold Palmer (Dunedin, C.I., New Zealand) concerning CO₂, N₂O and ether narcosis treatments of psychoneuroses, the physiological effects of anesthetic gases, abreactions, the physiological etiology of psychoneuroses, ecological differences among psychoneurotic patients, and the future uses and misuses of anesthetic treatment of psychoneuroses and psychoses. Also Correspondence between Dr. Meduna and Dr. M.A. Pleasure (Columbia University) concerning toxic effects of oxygen, use of carbon dioxide in emphysematous patients and physiological effects of carbon dioxide.)
- Q, 1944, 1950
- R, 1945-46, 1951-54
- S, 1946-52. (This folder was noticed missing on 9/13/2004.)
- T, 1948-52
- U, 1949
- V, 1949-52. (Correspondence with Dr. Ralph B. Vance concerning physiological effects of CO₂.)
- W, 1944-52. (Correspondence with Dr. Martin R. Wedmeyer, concerning psychopathic personalities; Dr. Paul H. Wilcox, correspondence.; Dr. S. Bernard Wortis correspondence, concerning the insulin resistance of schizophrenic patients.)
- X-Y-Z, 1947, 1950-51

Carbon Dioxide Treatment Patient Records and Research Notes

- Meduna Notes on Carbon Dioxide, 1948 (Notes and charts concerning patients and treatments.)
- Carbon Dioxide Treatment Records, 1948-49. (Patient notes and charts of treatment.)
- Carbon Dioxide Treatment Records, 1949-50 (Patient notes and charts of treatment.)
- Carbon Dioxide - Miscellaneous Subjects. (Excerpt from book, Narco-analysis, by J. Stephen Horsley.)
- Normal Carbon Dioxide, 1945-48. (Notes concerning CO₂ treatments, patient reactions.)
- Carbon Dioxide - Miscellaneous Case Notes, 1944-46
- Carbon Dioxide - EEG Tracings, 1946. (Electroencephalography tracings._
- Anti-Insulin Factor - Research, 1947-48 (Drs. Meduna, Kun, Gyrfas (correspondence,

research plan)
 List of Carbon Dioxide Patients, 1948
 Vigotsky Block Tests, ca. 1944-45. (2 folders, notebooks and patient records.)
 Research - Mack and Nelson, 1948
 Research - Perl, 1948. (Effects of carbon dioxide administration.)
 Carbon Dioxide Research, 1942. (Reprint, "Regulation of Cerebral Carbon Dioxide.")
 Research - Levulose (statistical table), 1946
 Carbon Dioxide Research of Others, 1947. (Oxygen convulsions - J.B.S. Huldene
 (University College, London). Carbon Dioxide Sleep Therapy - Dr. Paul H.
 Wilcox. Electroshock Research Association.)

Box 2:

Reprints and Copies of Meduna Articles

A Hyperglycemic Factor in the Urine of So-Called Schizophrenics, by L.D. Meduna,
 M.D. and J.A. Vaichulis, Ph.D., reprint from Disease of the
 Nervous System, Vol. IX, Number 8, August, 1948.
 "The Carbon Dioxide Treatment," by L.J. Meduna, M.D.
 "The Convulsive Treatment," by L.J. Meduna, M.D.
 "Alterations of Neurotic Patients by Use of Carbon Dioxide Inhalations," by L.J.
 Meduna, M.D.
 "Motor and Sensory Phenomena during Therapeutical CO₂ Inhalations," by L.J. Meduna,
 M.D. and Kalman Gyarfás, M.D.
Oneirophrenia - Manuscript (old original)
Oneirophrenia (complete manuscript, two copies)
Oneirophrenia - manuscripts with cuts.

Carbon Dioxide First Edition Materials

Carbon Dioxide Therapy - first edition, Reviews of 1950-54
 Carbon Dioxide Manuscript (case history, reprints, manuscript).
 Carbon Dioxide Manuscript (latest copy).
 Carbon Dioxide Paper ca. 1948. (Bibliography of Effects of CO₂ on the Nervous System
 (1929-1946); Manuscript on physiological reactions to CO₂ administration. List
 of CO₂ patients. Table of Ketone Bodies in Normal Human Blood.)
 Incomplete Typewritten Manuscript. Includes Chapter 3, "The Effect of Carbon Dioxide
 upon the Function of Isolated Nerve" and Chapter 4, "The Effect of Carbon
 Dioxide upon the Function of the Brain.")
 Illustrations - First Edition, Carbon Dioxide Therapy
 Illustrations, reprints; A Theoretical and Clinical Approach to Treating Depressed and
 Regressed Patients with Iproniazid.

Carbon Dioxide Symposium Materials

Committee on Carbon Dioxide Research, 1952. (Correspondence pertaining to the above
 committee and the printed symposium, originating from a meeting held in
 Atlantic City in May, 1952. Also use of CO₂ therapy by chiropractors, clinical
 psychologists and other unqualified practitioners, correspondence with Dr. Robert
 E. Peck and photographs of CO₂ administration apparatus.)

Carbon Dioxide Symposium - Articles
 Carbon Dioxide Symposium - Atlantic City, May 1952 (proceedings)
 Carbon Dioxide Symposium - Atlantic City, May 1952 (correspondence re: attendance)

Carbon Dioxide - Second Edition Materials

Carbon Dioxide Therapy, Second Edition, Reviews of 1959
 Extra Copies of Manuscripts for Second Edition of CO₂ Book.
 Carbon Dioxide Symposium Correspondence, 1957. (Copies of letters sent to doctors concerning publication of the proceedings.)
 Carbon Dioxide Treatment - Publication, 1955
 Joseph W. Kolb to L.J. Meduna concerning side effects of CO₂ treatment in conjunction with barbiturate use.
 Carbon Dioxide Symposium - Correspondence, 1957. (Dr. Z. Delinger to L.J. Meduna concerning CO₂ treatment.)
 Luzzatto, Prof. Alberto
 "The Biological Modifications Induced by Carbon Dioxide Treatment of Psychoneuroses", 1955; correspondence with Prof. Gino Bergami, University of Naples.
 Methods, 1953-54. (Paul H. Wilcox, M.D., manuscript contribution to Symposium. W.M.C. Harrowes, M.D.; Z. Selinger, M.D.; Albert A. LaVerne, M.D.)
 Perversions, Psychopath, 1953-55. Correspondence re manuscripts treating carbon dioxide treatment of sexual deviations with Robert P. Oldenwald, M.D., Leonard J. Liest, M.D., Sol Levey, M.D., and Walter S. Aldrich, M.D.)
 Abreactions, 1953-54 (Norman Rogers, M.D., manuscript)
 Punch Card, 1953-55. (Correspondence with Robert E. Peck, M.D. concerning CO₂ treatment, analysis tables for manuscript, punch-card indexing of psychiatric interviews.
 Pediatrics - Obstetrics, 1954-55. (Z. Selinger, M.D.; L. Douglas MacRae, M.D., manuscripts on CO₂ treatment, pediatrics.)
 Anxiety Neuroses, 1952-55. (Louis L. Tureen, M.D., criticism of John A. Frank, M.D. manuscript, John D. Moriarty, M.D., Carbon Dioxide Research Association, manuscript, Charles C. Thomas, Publisher.)
 Psychological, 1954 (Werner Simon, M.D., manuscript.)
 Biochemical Investigations, 1954-55. (F.A. Pickworth (Birmingham, England); Albert Luzzatto (Pavia, Italy).)
 Physiological, 1954. (W.E. Wilkinson (Walter Reed Army Hospital) manuscript.
 "No Action," 1953 (on solicited contributions, bibliographies.)
 Alcoholics, 1953-54 (Correspondence with Joseph W. Kolp, M.D.)
 Reading Material for Carbon Dioxide Second Edition, 1950-52. (Pamphlets, bibliography cards; journals; Ciba Clinical Symposia (September and October, 1950), Physician's Bulletin (November - December, 1952) American Scientist (April 1952).
 Carbonic Anhydrase in the Brain, 1954 (Dr. Winifred Ashby article and correspondence.)
 Second Edition - Carbon Dioxide Monograph, General Correspondence, 1954-56. (Copyright reprint permission; Karl Schaefer, M.D. (U.S. Naval Medical Research Laboratory); form letter sent to prospective collaborators on second edition of CO₂ monograph.
 Miscellaneous, 1953-55. (Theodore A. Hill, M.D., use of atropine as parasympatheitic

stimulant in conjunction with carbon dioxide., also Harold L. Snow, M.C., use of CO₂ therapy in rheumatoid arthritis.)

Box 3:

Manuscripts for New Carbon Dioxide Symposium, Second Edition CO2 Book.

- Moriarty - "CO2 Therapy of Anxiety - Phobic Reactions." Manuscript copy
 Dr. A.I. Jackman - "The Handling of Obsessive - Compulsive Neurosis with CO2 Therapy." Manuscript and correspondence.
 L. Douglas MacRae, M.D. "Carbon Dioxide in Pediatrics."
 (Dr.) Harry Brick - "Carbon Dioxide Therapy at the Virginia State Penitentiary," 1953-56
 Manuscript and correspondence.
 Wilkinson - "Some Clinical Observations Pertaining to the Effect of CO2 on the Biology of Mental Disease." Manuscript.
 L. Douglas MacRae, M.D. - "Carbon Dioxide in Obstetrics." Manuscript.
 (Dr.) A.I. Jackman - "Treatment of Depression Reaction with CO2 Therapy." Manuscript.
 John A. Frank, M.D. - "Carbon Dioxide Therapy in Anxiety Reactions." Manuscript.
 (Dr.) Robert P. Odenwald - "Carbon Dioxide in Treatment of Sex Deviations."
 Manuscript.
 La Verne - "Rapid Coma Technic of CO2 Therapy." Manuscript.
 (Dr.) W.M.C. Harrowes and (Dr.) Z. Sellinger - "Fractional Administration of CO2 in Treatment of Neuroses."
 Paul A. Wilcox, M.D. - "Selective Use of CO2 as an Aid to Psychopenetration."
 Karl Ernst Schaefer, M.D. - "Physiological Effects of CO2 Therapy."
 F.A. Pickworth - "The Mechanism of the Action of CO2 Upon the Cerebral Reflex Pathways."
 (Dr.) Winifred Ashby - "Carbonic Anhydrase in Relation to Carbon Dioxide Treatment."
 Werner Simon, M.D. - "Autonomic Nervous System Tests and Prognosis in CO2."
 John Moriarty, M.D. - "Prognosis with CO2 Therapy, Including Epinephrine - Mecholy Test (Funkenstein Test)."
 Werner Simon, M.D. - "Psychological Test Patterns and Carbon Dioxide Therapy."
 Norman R. Rogers, M.D. - "Psychodynamic Exploration and Psychological Test Data with Carbon Dioxide Therapy."
 Robert E. Peck, M.D. - "The Use of Punched Cards in the Statistical Analysis of Carbon Dioxide Treatments."
 (Dr.) A.I. Jackman - "Neurotic Index."
 (Dr.) R.E. Peck - "Carbon Dioxide Therapy: A Cooperative."
 "Introduction" by Dr. Meduna, "Semi-final."
 (Dr.) L.J. Meduna - Chapter one: "The Physiological Basis of Carbon Dioxide Treatment."
 (Dr.) L.J. Meduna - Chapter two: "The Effect of Carbon Dioxide Upon the Function of the Human Brain."
 Dr. L.J. Meduna - Chapter three: "A neurophysiological Theory of Psychoneuroses."
 Dr. L.J. Meduna - Chapter four: "Technique and Administration of the Carbon Dioxide Treatment."
 Original Bibliographies. Bibliographer reprints.
 CO2 Research Association Membership - first pages of book, and symposium Table of Contents.
 L. Douglas MacRae, M.D. - "Carbon Dioxide in Pediatrics."

Conference on Inhalation Therapy, 1957. Correspondence, report; symposium.
Journal of Neuropsychiatry, 1959. Copy of Sept. - Oct., 1959 issue, L.J. Meduna, editor-in-chief.
 File Box Containing Listing of Doctors using CO2, Filed by State and Country.

File Box Containing Alphabetical List of Doctors using CO2.

- A-1 folder containing negative prints of an article written in German by Dr. Ladislav von Meduna, published December 1924. Seems to be on the pineal gland according to the abstract written in English.
- A-2 folder containing negative prints of another Meduna article in German, published January 1926 and English abstract accompanies same. Seems to deal with lack of vitamins in rabbits.
- A-3 70 page negative print in German by Dr. Meduna. An English abstract accompanies some - says treatise - presents methods of investigations about the histopathology of microglia.
- A-4 Another article in German published 1929. Tells how he caused chronic lead poisoning in six guinea pigs.
- A-5 Another one of Meduna's articles in German. Published 1930. According to the English abstract he deals with a case of sclerosis tuberosa.
- A-6 "This is the first work in which Meduna approached the main work of his scientific life; the convulsive treatment." In other words, he studied epilepsy.
- A-7 Another article in German with another doctor, Dr. B. Joo. They examined the imitability of the labyrinth in all cases of schizophrenia.
- A-8 Article published 1934. "This is the first experimental work Meduna has done to learn the use of camphor in producing epileptic form attacks" according to the abstract in English.
- A-9 through A-14. These are all written after 1942 - all published in English -- some in collaboration with other scholars. All these are in one folder.
 Titles as follows:
 Biochemical Disturbances in Mental Disorders.
 Delayed Action of Insulin in Schizophrenics.
 Hyperglycemic Factor in the Urine of so Called Schizophrenics.
 The Modern Concept of Schizophrenia.
 Dyshormonism in Psychoses and its Connection by Shock.
 Common Factors in Shock Therapies.
- Pamphlet published in Budapest 1936 on Schizophrenia - in Hungarian.
- Pamphlet published in Naples 1936 on Schizophrenia - seems to be Italian.
- Negative prints of article on Schizophrenia - published 1937 in German.
 Another printed article in German published 1937, "Allgemeine Beträ ktungen uber die Cardiazoltherapie"
- Negative prints of article published in Sienna 1938 in Italian. Schizophrenia is the subject.
 Brochure in German on Convulsion therapy - 1938.
- Another article on convulsion therapy and Schizophrenia in German.
 Published 1939 typewritten article. Apparently published in Budapest. This is an English translation of "Insulin and Cardiazol treatment of Schizophrenia"
- Article published 1939 in a Belgian journal, in French on the therapeutic value of convulsions in treating schizophrenia.
- Typewritten manuscript, "Preparation of an Hyperglycemic Factor from Urine" written by Dr. John A. Vaichulis with Dr. Meduna.

Printed article, "Pharmaco-Dynamic Treatment of Psychoneuroses" published 1947. Diseases of the Nervous System. A printed translation follows in Portuguese.

Printed article published 1948, "Alteration of Neurotic Pattern by Use of CO2 Inhalations"

A review of his article in a German source of 1950. The article, "Alteration of Neurotic pattern by Use of CO2 inhalations" was evidently originally published in English.

Printed article "Motor and Sensory Phenomena During Their Peretical CO2 Inhalations" published 1949.

Printed article, "Clinical and Biochemical indications of the convulsive and of the carbon dioxide treatments" published 1950.

One page, printed article, "A Neurophysiological Theory of Psychoneurosis"

Printed Article, "Carbon Dioxide Inhalation Therapy" published 1953 with A.I. Jackman.

Short printed article on "The Mode of Action of Carbon Dioxide Treatment in Human Neuroses" published 1952.

"Modification of Carbon Dioxide treatment Using Nitrous Oxide" printed in Symposium on Carbon Dioxide Therapy published 1952.

"Physiological Background of the CO2 Treatment of the Neuroses" published 1954.

"The Place of Biological Psychiatry in the Evolution of Human Thought," published 1953.

Then follows a negative print, undated, "The Carbon Dioxide Treatment"

Another negative print "Diagnostic Difficulties and Levulose Tolerance Test in 'Functional' Mental Diseases." Dr. Meduna et al published 1943.

Article-negative print-Schizophrenia is in the title. Published 1937 in Lagreb-- seems to be in some Slavic language.

Some research notes on 4 by 6 cards on "Skatole"

Typewritten manuscript - appears to be Hungarian - topic seems to be Schizophrenia. Written by Meduna with Dr. Rohny Bela.

Typewritten manuscript "Schizophrenia, Shuclural Analysis and Getrazoltreatment" seems to be an address delivered before some group but no indication to whom or when.

Negative print of an article in German on Schizophrenia, published 1935.

Box 4:

RESTRICTED: Unredacted original documents with patient names. Redacted copies are in boxes 1-3.