

CHERKASOV, Mikhail Ivanovich; AL'BEVSKIY, A.V., redaktor; VARGANOVA, A.N.,
redaktor izdatel'stva

[Flower gardens; an album] TSvetniki; al'bom. Moskva, Izd-vo
Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 288 p.
(Gardens) (MLRA 9:12)

Varganova, A.N.

KOLESNIKOV, A.I., prof.; VARGANOVA, A.N., red.; VOLKOV, S.V., tekhn. red.

[Decorative forms of trees] Dekorativnye formy drevesnykh porod,
Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1958. 271 p. (MIRA 11:7)
(Trees)

KUPTSOV, Petr Aleksandrovich; FLOROVA, Ye.I., redaktor; YARGANOVA, A.N.,
redaktor izdatel'stva; ZHOROV, D.M., tekhnicheskiy redaktor

[Hotel management] Gostinichnoe khoziaistvo. Moskva, Izd-vo Mini-
sterstva kommunal'nogo khoziaistva RSFSR, 1956. 86 p. (MLRA 9:12)
(Hotels, taverns, etc.)

LUKINYKH, Nina Alekseyevna, kandidat tekhnicheskikh nauk; LIPMAN, Berta Leonidovna; KOVALEVA, Zinaida Petrovna; BEZENOV, V.V., kandidat tekhnicheskikh nauk, redaktor; VARGANOVA, A.N., redaktor; ZHOROV, D.M., tekhnicheskiiy redaktor.

[Effect of synthetic surface-active substances on the purification of sewage waters] Vliianie sinteticheskikh poverkhnostno-aktivnykh veshchestv na ochistku stochaykh vod. Pod red. V.V. Bezeneva. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 105 p. (Sewage--Purification) (MIRA 9:6)

VARGANOVA, A.N.

BOKSHITSKIY, Vladimir Veniaminovich; ALEKSEYEV, M.A., red.; VARGANOVA, A.N., red.; KONYASHINA, A.D., tekhn. red.

[Plastics and their fire hazards] Plasticheskie massy i ikh pozhar-
naya opasnost'. Pod red. M.A. Alekseeva. Moskva, Izd-vo M-va kon-
mun. khoz. RSFSR, 1958. 150 p. (MIRA 11:7)
(Plastics)

VARGANOVA, A.N., redaktor; KONYSHINA, A., tekhnicheskiiy redaktor

[Problems in constructing electric systems in cities; a collection of articles] Voprosy postroeniia gorodskikh elektricheskikh setei; sbornik statei. Moskva, 1956. 132 p. (MIRA 10:1)

1. Akademiya kommunal'nogo khozyaystva, Moscow. (direktor Akademii kommunal'nogo khozyaystva, kandidat tekhnicheskikh nauk I. Ivanov)
(Electric networks)

IZYUMSKIY, N.A.; LEBEDEV, A.S.; VARGANOVA, A.N., redaktor; PETROVSKAYA, Ye.,
tehnicheskiiy redaktor.

[Collection of rules and instructions on boiler inspection] Sbornik
pravil i rukovodiashchikh materialov po kotlonadзору. Moskva, Izd-
vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1954. 438 p.
(Boilers--Inspection) (MIRA 8:1)

STOLPNER, Yefim Borisovich, inzhener; VARGANOVA, A.N., redakter; KONYASHINA, A.
tekhnicheskii redaktor.

["Heat catchers" for communal baths] Teplouloviteli dlia kommunal'nykh
ban'. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR,
1955. 73 p. (MIRA 9:5)

(Baths) (Heating)

IZIUMSKIY, N.A.; LEBEDEV, A.S., VARGANOVA, A.N., redaktor; PETROVSKAYA,
Ye. tekhnicheskiiy redaktor. _____

[Collection of rules and instructions on boiler inspection] Sbornik
pravil i rukovodiashchikh materialov po kotlonadзору. Izd.2-e,
ispr. i dop. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva
RSFSR, 1955. 479 p. (MLRA 8:10)
(Boilers--Inspection)

HAFAL'SKIY, Roman Parfen'yevich; VARGANOVA, A.N., red.; VLASOVA,
N.A., tekhn. red.

[Physicochemical investigation of the conditions of
uranium ore formation] Fiziko-khimicheskoe issledovanie
uslovii obrazovaniia uranovykh rud. Moskva, Gosatomiz-
dat, 1963. 146 p. (MIRA 17:2)

GANAGO, F.M., kand. med. nauk; Prinsipalni uchastiyev: ALEKSEYEVA, R.M.,
vrach (Sverdlovsk); AYZENSHTEYN, B.S., vrach (Sverdlovsk);
BABINOVA, G.D., vrach (Sverdlovsk); BOROVITSKAYA, L.M., vrach
(Sverdlovsk); VARGANOVA, M.V., vrach (Sverdlovsk); KOPYLOVA,
K.P., vrach (Sverdlovsk); SOKOLOVA, O.V., vrach (Sverdlovsk);
SHEVTSOVA, R.P., vrach (Sverdlovsk); SHELOMOVA, I.M., vrach
(Sverdlovsk); BYKHOVSKAYA, M.A., vrach (Revdal); BELYAYEVA,
N.Ya., vrach (Magnitogorsk); KRUGLOVA, N.A., vrach (Kurgan);
NIKIFOROVA, F.N., vrach (Kurgan); MITINA, O.A., vrach (Asbest);
PORKHOVNIKOVA, E.D., vrach (Ufa); PONOMAREVA, N.I., vrach
(Orenburg); RASSOSHNYKH, G.F., vrach (Perm'); SAZANOVA, V.V.,
vrach (Izhevsk)

Chemoprophylaxis of tuberculosis in children and adolescents
in foci of tuberculous infection. Probl. tub. 42 no.1:6-11
'64. (MIRA 17:8)

1. Detskoye otdeleniye (zav. F.M. Ganago) Sverdlovskogo insti-
tuta tuberkuleza (dir. - prof. I.A. Shaklein) (for Ganago).

VARCANOVA, S.V.; KOLOBEYNIK, Yu.F.

Superconvergence and incontinability of functional series. Dokl.
AN SSSR 137 no.3:499-501 Mr '61. (MIRA 14:2)

1. Rostovskiy-na-Donu gosudarstvennyy universitet. Predstavleno
akademikom A.N.Kolmogorovym.
(Functions, Analytic)

VARGAPETOV, B. A.; SHEYNERMAN, M. D.; NOVITSKIY, D. A.

Candidate of the medical sciences, mbr., Ukrainian institute of experimental endocrinology.

"Effect of season and temperature upon the biological reaction in an early diagnosis of pregnancy with the use of frogs," Akush. i gin. no. 4:73-75 J1-Ag 1952

VARGAS, Istvan, dr.; TU SU-HAJ, dr.

Nephrotic syndrome and "pyelonephritis". Orv. hetil. 103 no.27:1260-1262 8 J1 '62.

1. Budapesti Orvostudományi Egyetem, II Belklinika.

(NEPHROTIC SYNDROME) (PYELONEPHRITIS)

VARGAS, L.

"Discharge investigation of the setting tanks at Dortmund." p.456

HIDROLOGIAI KOZLONY. HYDROLOGICAL JOURNAL. (Magyar Hidrológiai Társaság)
Budapest, Hungary, Vol. 38, No. 6, Dec. 1959.

Monthly List of East European Dissertations (EEL) 1959, Vol. 3, No. 6, June 1959.

Uncl.

VARGA'S Ye. S.
USSR/Who's Who - Economic 7314.
Bibliography

Jul/Aug 1947

"Scientific Discussion on the Problems of the Postwar Economics of Capitalism," I. M. Mikheyev, 12 pp

"Iz Ak Nauk Otdel Ekon i Prava" No 4

Describes discussion of Academician Ye. S. Varga's book, "Changes in the Economics of Capitalism as a Result of World War II." Twenty participants included academicians, corresponding members of the Academy, doctors and professors. Author of article quotes opinions, both favorable and unfavorable, expressed by the 20 participants. Varga states that, as the author of the book, he was satisfied with the discussion, which was carried on by qualified economists and sharp critics, but that as an economist, he was forced to disagree with certain basic questions brought up in the discussion. He agreed that the book had certain deficiencies, but upheld his basic premises even in the face of opposition. Meeting held under chairmanship of Corresponding Member K. V. Ostrovityanov.

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VARGASOVA, K.G.

A good means. Zashch. rast. ot vred. i bol. 9 no.8:38 '64.
(MIRA 17:12)

1. Zavoduyushchiy Yur'yevetskim opornym punktom po sadovodstvu,
Ivanovskaya oblast'.

VARGATYY, Ya.P.

Assimilation of foods following the formation of an artificial
esophagus according to the Roux-Hershen method as modified by
S.S. Iudin. Vrach.delo no.6:639-641 Je '60, (MIRA 13:7)

1. Kafedra obshchey khirurgii (zav. - zasl.deyatel' nauki, prof.
M.I. Kolomychenko) Kiyevskogo meditsinskogo instituta.
(ESOPHAGOEJUNOSTOMY) (DIGESTION)

VARGATYY, Ya.P.

Gastric secretory function following gastrostomy and installation of an artificial esophagus using S.S.Iudin's modifications of the Roux-Hertsen method. Nov. khir. arkh. no.2:48-51 Mr-Ap '61.

(MIRA 14:11)

1. Kafedra obshchey khirurgii (zav. - zasl. deyatel' nauki prof. M.I.Kolomiychenko) Kiyevskogo meditsinskogo instituta.

(STOMACH--SECRETIONS) (STOMACH--SURGERY)

(ESOPHAGUS--SURGERY)

VARGATYY, Ya.P.

Gastric secretory function following operations in patients with
a stomach fistula. Vrach. delo no.11:25-29 N '61. (MIRA 14:11)

1. Kafedra obshchey khirurgii (zav. - zasl.deyatel' nauki, prof.
M.I.Kolomyichenko) Kiyevskogo meditsinskogo instituta.
(STOMACH--SECRETIONS) (STOMACH--SURGERY)

VARGATYY, Ya.P.

Stomach in strangulated inguinal-scrotal hernia. Klin.khir.
no.8:70 J1 '62. (MIRA 15:11)

1. Kafedra obshchey khirurgii (zav. - zasluzhennyy deyatel' nauki
prof. M.I.Kolomiychenko) Kiyevskogo meditsinskogo instituta.
(STOMACH) (HERNIA)

VARGAZIN, B. N., KUT'YENKOV, A. A., BARDHIN, M. G., FANGKSEN, A. I., LALETIN, N. V.,
SYSOYEV, Ye. V. (Maj. Gen.), MORIN, A. I., KUDRYVTSEV, I. N. and BUZNIK, I. K.

Table of Contents of the Book, "Military Engineering", Voenno-inzhenernoye delo, Gosudarstvennoye izdatel'stvo stroitel'noy literatury, 1946.

Table of Contents W-16541, Jan 1951

This book is designated as a textbook for students of higher school of civil engineering. It is also recommended as a reference book for officers of the Red Army since the experiences of World War II have used in the presentation of fundamental military engineering problems.

VARGAZIN, Boris Nikolayevich, kand.tekhn.nauk; VELIKOVSKIY, Lev Borisovich, kand.tekhn.nauk; POLYAKOV, N.Kh., prof., retsentsent; FISENKO, A.S., prof., retsentsent; PREDTECHENSKIY, V.M., kand.tekhn.nauk, red.; FRIDBERG, G.V., red.isd-va; EL'KINA, E.M., tekhn.red.

[Fundamentals of planning and providing facilities for settlements and industrial establishments] Osnovy planirovki i blagoustroistva naselennykh mest i promyshlennykh predpriatii. Pod red. V.M.Predtechenskogo. Moskva, Gos.isd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1959. 229 p. (MIRA 12:7)

1. Chlen-korrespondent Akademii stroitel'stva i arkhitektury SSSR (for Polyakov). 2. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR (for Fisenko).
(Factories) (City planning)

CZECHOSLOVAKIA / Microbiology. Human and Animal Patho- F
gens. Pathogenous Fungi and Actino-
mycetes.

Abs Jour: Ref Zhur-Biol., No 2, 1959, 5655.

Author : Vargazon, N.

Inst : Not given.

Title : Recovery After Generalized Candidiasis.

Orig Pub: Zdravstv. vest., 1958, 27, No 3, 129-134.

Abstract: No abstract.

Card 1/1

VARGAZON, Bogomil

Pathogenesis and therapy of acute renal insufficiency. Zdrav.
vest., Ljubljana 24 no.5-6:203-207 1955.

1. Interna klinika medicinske fakultete predstojnik prof. dr.
Igor Tavcar.

(KIDNEYS, dis.

insuff., acute, pathogen. & ther. (Slov))

YUGOSLAVIA

Docent DR B. VARGAZON and Prof Dr S. BANIC, Internal Medicine Clinic (Interna klinika), Head (Upravnik) Academician Prof Dr I. TAVCAR, and Department of Microbiology (Mikrobioloski institut), Head Prof Dr S. BANIC, Medical Faculty of University (Zdravniska fakulteta vseucilisca), Ljubljana.

"Role of C-Reactive Protein In Determining State of Rheumatic Disease."

Belgrade, Medicinski Glasnik, Vol 17, No 1, Jan 63; pp 24-26.

Abstract : Review of literature and authors' own experience with the CRP test. Table of presumably original data shows latex CRP test was positive in 26, doubtful in 2 and negative in 59 of 87 tests made in 76 patients with 12 diagnostic classifications. Two case reports, 6 Western references.

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VARGAZON, Nevenka

Staphylococcal sepsis. Zdrav. vestn. 33 no.10:337-341 '64.

Whooping cough after obligatory vaccination. Ibid.:342-343

1. Infekcijska klinika medicinske fakultete v Ljubljani
(Predstojnik: prof. dr. M. Bedjanic).

VARGEDO, A.

The heart of healthy children. Orv. hetil. 94 no. 46:1276-1280 15 Nov
1953. (CIWL 25:5)

1. Doctor. 2. Budapest Metropolitan Council Central Cardiac Patients
Welfare Center (Head Head Physician -- Dr. Szndro Plenczner).

PLENCZNER, Sandor, dr.; BODROGI, Gyorgy, dr.; VARGKDO, Aladar, dr.

Lumbacher syndrome. Orv. hetil. 46 no.30:825-828 24 July 55

1. A Budapesti Fovarosi Tanacs Kosponti Iskolai Szivbeteggondozo
Intezete (igazgato-foorvos: Plenczner Sandor dr.) kozlemenye.
(CARDIOVASCULAR DEFECTS, CONGENITAL
Lutembacher synd.)

VARGHA, B.

VARGHA, B. Interdependence of the size, form, and method of locating the shaft field
p. 129

Vol. 11, no. 3, March 1956
BANYASZATI LAPOK
TECHNOLOGY
Budapest, Hungary

So; East European accession vol 6, no. 3, March 1957

VARGHA, Bela, okleveles banyamernok

Reopening the No. 100 coal field at Egercséhi. Bany lap
93 no. 9:608-620 S '60.

1. Banyaszati Aknamelyito Troszt, Budapest.

VARGHA, Bela

Inlet well deepening at Kyrad. Bany lap 95 no.12:860 D '62.

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VARGHA, Bela

Domestic news. Bany lap 96 no.2:142 F '63.

VARGHA, Bela, okleveles banyamernok

Active protection against water. Bany lap 93 no. 9:652
S '60.

Active prevention of mines from subterranean water. Ibid.:652.

Water displacement by bentonite. Ibid.:652.

Application of cast concrete and sheeting. Ibid.:652.

1. Banyaszati Aknamelyito Troszt, Budapest.

VARCHA, Bela, okleveles bányamérnök

Roof bolting and application of gunite. Bany lap 97
no.94524-625 S '64.

1. Mining Shaft Sinking Enterprise, Budapest.

VARGHA, E.; MESTER, I.

Contributions to the study of structure and reaction of the
cyclohexylide-cyanacetic ester. Studia Univ B-B S. Chem 7
no.1:127-134 '62.

VARGHA, E.; BALAZS, I.; BALOG, A.

Contributions to the chemistry of N-diacylaminoimidares. Pt.3.
Studia Univ B-B S Chem 8 no.1:311-319 '63

1. "Babes-Bolyai" University, Cluj.

VARGHA, Eugen; BALAZS, Iloana; HAMBURG, Erica

Contributions to the chemistry of the N-diacylaminoimidates.
Pt.4. Studia Univ B-B S Chem 8 no.1:321-329 '67

1. "Babes-Bolyai" University, Cluj.

"APPROVED FOR RELEASE: 08/09/2001

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HUNGARY/Inorganic Chemistry. Complex Compounds.

C

Abs Jour: Ref Zhur-Khim., No 23, 1958, 76926.

Author : Nyilasi J., Vargha E.

Inst : Academy of Sciences of Hungary.

Title : Concerning the Complex of Copper with Glycol.

Orig Pub: Acta chim. Acad. scient. hung., 1958, 14, No 1-2,
113-123.

Abstract: See RZhKhim., 1957, 76801.

Card : 1/1

VARGHA, Endre.

Relations between the nervous system and tumor growth.
Kiserletes orvostud. 7 no.1:41-46 Jan 55.

1. MAV korhaz prosecturaja.
(NERVOUS SYSTEM, physiology
role of denervation on growth of exper. neoplasms in rat)
(NEOPLASMS, experimental
role of denervation on growth of neoplasms in rat)

VARGHA, Endre, dr.; VARKONYI, Sandor, dr.; ELEKES, Zoltan, dr.

Diagnosis of gastrojejunocolic fistulae. *Magy. radiol.* 8 no.4:
232-237 Nov 56.

1. AMAV Korhaz (Igazgato-foorvos: Oo, Lajos, dr.) I. es III.
Belosztalyanak es Rontgenosztalyanak kozlemenye.

(STOMACH, fistula

gastrojejunocolic, x-ray diag. (Hun))

(JEJUNUM, fistula

same)

(COLON, fistula

same)

VARGHA, G.

Rapid closure of cavern by pneumoperitoneum treatment. Orv. hetil. 92
no.20:645-647 20 May 1951. (GIML 24:5)

1. Doctor. 2. Clinic for Pulmonary Diseases (Director -- Prof. Dr.
Ferenc Kovats), Budapest Medical University.

VARGHA, G.

Respiratory function tests in lung therapy. Orv. hetil. 93 no. 22:
640-645 1 June 1952. (CIML 23:3)

1. Doctor. 2. Pulmonary Diseases Clinic (Director -- Prof. Dr.
Ferenc Kovats), Budapest Medical University.

VARGHA, G.

Proposals of the Committee on Respiratory Function Test Nomenclature of the Society of Physiologists. Grv. hetil. 105
no.26:1228-1230 28 Je'64

HUNGARY / Pharmacology, Toxicology. Anti-Inflammatory V
Drugs.

Abs Jour: Ref Zhur-Biol., No 9, 1958, 42455.

Author : Szabo, Z.; Vargha, G.

Inst : Not Given.

Title : The Action of Extractum Liquiritiae on Gastric
Ulcers in Dogs Caused by Atophan-Histological
Study.

Orig Pub: Kisirl. orvostud., 1956, 8, No 4, 406-410.

Abstract: The experimental dogs of the first group received
Atophan during a period of 7-21 days; the second
group - atophan and extract Liquiritiae (I) in
doses of 1.1 g/kg for a period of 14 days; the
third group was given I for a period of 14 days
after 10 days of atophan administration. Eleven
of the twelve dogs of the first group developed

Card 1/2

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HUNGARY / Pharmacology, Toxicology. Anti-Inflammatory Drugs. V

Abs Jour: Ref Zhur-Biol., No 9, 1958, 42454.

Author : Szabo, Z.; Vargha, G.

Inst : Not Given.

Title : The Action of Licorice Extract On Gastric Erosion in Rats.

Orig Pub: Kiserl. orvostud., 1957, 9, No 1, 8-11.

Abstract: Licorice extract stopped development of gastric erosion in rats under the effects of histamine and contributed to their survival.

Card 1/1

C.4.

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Phosphatase activity of lung tissues in tuberculosis.
Géza Varga (Univ. Budapest). *Kisérletes Orvostudomány*
2, 290-3 (1957).--Tissues were examd. not later than 10
hrs. after death by the Gomori method (C.I. 34, 402).
A difference was observed between alk. phosphatase activity
(at pH 9.2) of exudative pneumonic forms, the specific ele-
ments of tubercular granulation, and cheesy tissues (little
activity), and nonspecific granulation tissue (chiefly of
granulating cavern walls), alveolar epithelium in chronic in-
flammation, and alveolar exudate; the latter 3 showed high
activities. This is explained by an increased cell metabo-
lism. Acid phosphatase detns. at pH 4.7 and 5.0 gave no
evaluable results.

István Finály

VAUGHAN, G.

Bronchspirometry with Knipping's apparatus. Orv. hetil. 93 no.51:
1464-1466 21 Dec 1952. (CJML 24:2)

1. Doctor. 2. Clinic for Pulmonary Diseases (Director -- Prof. Dr.
Ferenc Kovats), Budapest Medical University.

VARGHA, Gergely, dr.

Broncho-dilatating effect of pneumoperitoneum. Tuberk. kerdesei
7 no.3:42-43 June 54.

1. A Budapesti Orvostudományi Egyetem Tudományegyetemi Klinikájának
(igazgató: Kovács Ferenc dr. egyetemi tanár) közleménye
(PNEUMOPERITONEUM, ARTIFICIAL, complications,
bronchial dilat.)
(BRONCHI,
dilat. in artif. pneumoperitoneum)

VARGHA, Geza, dr.

Effect of surgery in pulmonary tuberculosis on ventilation. Orv.
hetil. 96 no.39:1065-1069 25 Sept 55.

1. A Budapesti Orvostudományi Egyetem Tudományegyetemi Klinikájának
(igazgató: Kovács Ferenc dr. egyet. tanár) közleménye.

(TUBERCULOSIS, PULMONARY, surgery,
eff. on vital capacity)

(RESPIRATION,
vital capacity, eff. of surg. of pulm. tuberc.)

VARGHA, G.; HUTAS, I.

Successful isoniazid therapy of tumorous peritoneal tuberculosis. Orv.
hetil. 94 no.26:723-724 28 June 1953. (GLML 25:1)

1. Doctors. 2. Tuberculosis Clinic (Director -- Prof. Dr. Ferenc
Kovats), Budapest Medical University.

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HUTAS, Imre, dr.,; NYIREDY, Geza, dr.,; VARGHA, Geza, dr.

Therapy of hypoventilation, occurring with hemoptysis. Tuberk.
kerdesei 8 no.6:169-173 Dec 55.

1. A Budapesti Orvostudományi Egyetem Tudományegészségügyi Klinikája
(igazgató: Kovács Ferenc dr. egy. tanár közleménye.

(ATELECTASIS

posthemoptysic, surg. (Hun))

(HEMOPTYSIS, compl.

atelectasis, surg. (Hun))

MURAI, Margit, dr.; VARGHA, Geza, dr.

Spirometric and ECG examinations in severe spondylitis deformans in children. Gyermekgyógyászat 7 no.7:220-223 July 56.

1. Szabadsághegyi Állami Gyermekszanatórium (Igaz.: Flesch, Istvan, dr.) Extrapulmonalis osztályának (főorvos: Pozsonyi, József, dr.) és a Budapesti Orvostud. Egyetem Tudománygyógyászati Klinik. (Igaz.: Kovács, Ferenc, dr. egyetemi tanár) közl.

(SPONDYLITIS, in inf. & child

deformans, spirometry & ECG in severe cases in child. (Hun))

(RESPIRATION, funct. tests

spirometry in severe spondylitis deformans in child. (Hun))

(ELECTROCARDIOGRAPHY, in various dis.

spondylitis deformans, in severe cases in child. (Hun))

VARGHA, Gosa, dr.; HUTAS, Imre, dr.

Gastrectomy and tuberculosis. Tuberkulozis 10 no.1-2:24-27
Jan-Feb 57.

1. A Budapesti Orvostudományi Egyetem Tudománygyógyászati Klinikájának
(igazgató: Kovács, Ferenc, dr. egyet. tanár) közleménye.
(GASTRECTOMY, compl.
tuberc., pulm., case reports (Hun))
(TUBERCULOSIS, PULMONARY, etiol. & pathogen.
gastrectomy, case reports (Hun))

EXCERPTA MEDICA Sec 15 Vol 12/8 Chest Dis. Aug 59

1928. CHRONIC INTERSTITIAL PULMONARY FIBROSIS OF UNKNOWN AETIOLOGY. (HAMMAN-RICH SYNDROME) - Ismeretlen eredetű idült diffus interstitialis tüdőfibrosis (Hamman-Rich syndroma) - Vargha G., Bartók I. and Biliczki F. MÁV. Tüdőgyógyint. II.sz. Belosztal. és Szegedi Orvostud. Egyet. Kórbonctani és Kórszövettani Int. Közl. - ORV. HETIL. 1958, 99/39 (1350-1353) illus. 4

Description of a case of diffuse interstitial pulmonary fibrosis of unknown aetiology with fatal ending morphologically identical with Hamman-Rich syndrome. Chief symptoms were increasing dyspnoea, cyanosis, bouts of coughing with constant absence of acid-fast bacilli, leading finally to heart failure. Treatment with ACTH resulted in temporary improvement only. The aetiology, pathogenesis and treatment are discussed.

Kellerman - Colchester (XV, 3)

EXCERPTA MEDICA See 15 Vol 13/2 Chest Dis. Feb. 50

353. CHRONIC DIFFUSE INTERSTITIAL PULMONARY FIBROSIS OF UNKNOWN
AETIOLOGY (HAMMAN-RICH SYNDROME) - *Chronische diffuse intersti-
tielle Lungenfibrose unbekannter Ätiologie (Hamman-Rich-Syndrom)* - Vargha
G., Bartók J. and Biliczki F., Pathol. Inst., Med. Univ., Szeged -
Z. TUBERK., 1959, 112/5-6 (294-298) Illus. 6

A case is discussed in which the disease took a fatal ending after a duration of 5 yr.

EXCERPTA MEDICA Sec 15 Vol 13/6 Chest Lis. June 60

1483. EFFECT OF PNEUMOPERITONEUM ON THE PHAGOCYTOSIS ENHANCING ACTION OF BLOOD SERUM - Vargha G., Vajda G. and Szabadi L. Tb Dept. II and Lab. of Sanat., Hungarian State Railways (MAV); Lab. of MAV Hosp., Budapest - DIS. CHEST 1959, 36/4 (392-396) Tables 2

The authors were interested to study whether the use of pneumoperitoneum (pnp) stimulates or inhibits the immunological reactions aimed at fighting off disease such as tb. Since one manifestation of systemic defence is the phagocytosis of bacteria by leucocytes, they studied this effect in the blood sera of 10 patients with pulmonary tb before and after pnp. They found that pnp increased the phagocytosis-enhancing effect of serum, and the number of circulating eosinophils decreased significantly. Also in the majority of cases leucocytosis, granulocytosis and lymphocytopenia could be demonstrated. They postulate that such changes may be due to a shift in the sympathetic direction in the tone of the vegetative nervous system, due presumably to an increased output of adrenaline and/or of cortisone.

Wilson - San Francisco, Calif.

VARGHA, Geza, dr.

Sensitized bronchspirometry. Tuberkulozis 13 no.9:269-272 S '60.

1. A MAV Tudogyogyintezet (igazgato: Nyiro Jozsef dr.) II.
Belosztalyanak (foorvos: Vargha Geza dr.) es Funkcioslaboratoriumanak
kozlemeny
(SPIROMETRY)

VARGHA, Geza, dr.

Tiffeneau test as an indispensable aid in pulmonary practice. Tuberkulozis
13 no.12*365-369 D '60.

1. A MAV Tudogyogyintezet (igazgato: Nyiro Jozsef dr.) II Belosztalyanak
es Funkcioslaboratoriumanak (foorvos: Vargha Gesa dr.) kozlemenye.

(TUBERCULOSIS PULMONARY diag)

VARGHA, Geza, dr.

To what degree is the surface of the peritoneum suited for substitution of the respiratory surface? Orv. hetil. 102 no.51:2415-2416
17 D '61.

1. MAV Tudogyogyintezet, II Belosztaly es Cardiorespiratorikus Laboratorium.

(PERITONEUM transpl) (RESPIRATORY SYSTEM surgery)

VARGHA, Geza; SZABADI, Laszlo; Technikai munkatars: RANYAY, Maria

Experimental studies on the management of hypoxemia by means of oxygen peritoneum. Kiserl. orvostud. 14 no.2:147-149 Ap '62.

1. MAV Tudogyogyintezet Cardiorespiratorikus Laboratoriuma, II Belosztalya es Laboratoriuma.

(ANOXIA exper) (OXYGEN)
(PNEUMOPERITONEUM ARTIFICIAL exper)

VARGHA, Geza, dr.; BRUCKNER, Piroska, dr.; Technikai munkatársak: BANYAY, Maria; BANKUTI, Mihalyne, dr.

Oxygen saturation of the arterial blood in tuberculous patients.
Tuberkulozis 15 no.3:69-73 Mr '62.

1. A MAV Tudogyogyintezet (igazgato: Nyiro Jozsef dr.) II Belosztalyanak (foorvos: Vargha Geza dr.) es Cardiorespiratorikus Laboratoriumanak kozlemenye.

(TUBERCULOSIS PULMONARY blood) (OXIMETRY)

VARGHA, Geza, dr.; BRUCKNER, Piroska, dr.

Bronchoscopiometric Tiffeneau's test. Tuberkulozis 15 no.6:
164-166 Je '62.

1. A MAV Tudogyogyintezet (Igazgato: Nyiro Jozsef dr.) II. Belosztalyanak
(Focrvos: Vargha Geza dr.) es Funkcioslaboratoriumnak kozlemenye.
(SPIROMETRY)

VARGHA, Geza, dr.

Our principles and possibilities of cardiorespiratory function tests before pulmonary surgery. Orv. hetil. 103 no.26:1210-1216 1 JI '62.

I. MAV Tudogyogyintezet, II. Belosztaly es Cardiorespiratorikus Laboratorium.

(CARDIOVASCULAR SYSTEM physiol) (LUNGS surg)
(RESPIRATORY SYSTEM physiol)

~~VARGHA, Geza, dr.; KERENYI, Imre, dr.;~~ Technikai munkatársak:
~~BANKUTI, Mihalyneq dr.; BANYAE, Maria~~

Late functional effect of lung surgery. Tuberkulozis 16
no.4/5:112-117 Ap-My '63.

1. A MAV Tudogyogyintezet (igazgato: Nyiro Jozsef dr.) II
Belosztalyanak (foorvos: Vargha Geza dr.) es Tudosebeszeti
osztalyanak (foorvos: Kerenyi Imre dr.) kozlemenye.

(TUBERCULOSIS, PULMONARY)
(RESPIRATORY FUNCTION TESTS)
(PNEUMONECTOMY) (THORACOFLASTY)
(PNEUMOTHORAX, ARTIFICIAL)
(BRONCHOSPIROMETRY)
(PNEUMONOLYSIS)

SZABO, Zsolt; VARGHA, Gyula

Histological effects of Liquiritia extracts on gastric ulceration produced by cinchophen indogs. Kiserletes orvostud. 8 no.4:406-410 July 56.

1. Komaromgyei Tanacs Korhaz Prosekturaja, Tatabanya.

(CINCHOPHEN, inf. eff.

exper. gastric ulceration, eff. of licorice in dogs, histopathol. (Hun))

(PEPTIC ULCER, exper.

cinchophen induced, eff. of licorice in dogs, histopathol. (Hun))

(LICORICE, eff.

on exper. gastric ulceration induced by cinchophen, histopathol. (Hun))

VARGHA, Gyula, dr., erdemes orvos; BALINT, Jeno, dr.; SZABO, Zsolt, dr.

Four years of experience on licorice therapy in ulcerative diseases in Tatabanya. Orv. hetil. 98 no.5-6:113-117 10 Feb 57.

1. A Komarommegyei korhaz, Tatabanya (Igazgato: Kabdebo, Jozsef, dr.) kozlemenye.

(PEPTIC ULCER, ther.

licorice (Hun))

(LICORICE, ther. use

peptic ulcer (Hun))

SZABO ZSOLT; VARGHA GYULA

Histological effect of vitamin U on ulcers induced on the stomach of dogs. Kiserletes orvostud. 10 no.2-3:200-206 Apr-June 58.

1. Tatahanyai Megyei Korhaz Prosekturaja es Ulcusgondozoja.
(VITAMINS, eff.
vitamin U on histol. of peptic ulcer in dogs (Hun))
(PEPTIC ULCER, exper.
eff. of vitamin U on histol. picture in dogs (Hun))

VARGHA, Gyula, dr.; SZABO, Zsolt, dr.

Treatment of peptic ulcer with "anti-ulcer-U factor" stabilized
in tablets of "Vit-U-Pept Magen Darm". Magy. belorv.arch. 13 no.4:
113-120 Ag '60.

1. Komárommegyei Tanács Kórház-Rendelőintézet, Tatabánya (Ig.
főorv.: Lakatos István dr.), röntgenosztálya és ulcusgondozója
(Főorvos: Vargha Gyula dr.), valamint Kórház (Főorvos:
Szabo Zsolt dr.) közleménye.
(PEPTIC ULCER ther)

VARGHA, Gyula, dr.

Functional x-ray examination for the examination of the anastomosis following gastric surgery. *Magy. radiol.* 14 no.2:71-79 Mr '62.

1. Komárommegyei Tanács kórház-rendelőintézeté (igazgató: Domokos Andor dr.) Röntgenszakrendelésenek (főorvos: Vargha Gyula dr.) közleménye.

(GASTRECTOMY)

VARGHA, Gyula, dr.; REPASY, Istvan, dr.

The problem of cancer of primary anastomoses following Bilioth I operation. Magyar. sebész. 15 no.3:153-161 Je '62.

1. Komárom megyei Tanács Korház-Rendelőintézet, Tatabánya (Ig.-főorvos: Gergely Tibor dr.) ulcusgondozója és röntgenszakrendelése (Főorvos: Vargha Gyula dr.), valamint általános sebészetnek (Főorvos: Kabdebó József dr.) közleménye.

(GASTRECTOMY compl)
(STOMACH NEOPLASMS case reports)

L 13418-66

ACC NR: AP6006632

SOURCE CODE: HU/0021/65/000/002/0078/0087

AUTHOR: Vargha, Gyula--Varga, D. (Doctor, Chief physician)

21
B

ORG: Radiological Specialist Service and Radiotherapy, Ulcer Care Service, County Hospital, Tatabanya (Megyei Rendelointezet, Ulcusgondozo, Rontgenszakrendeles es Rontgentherapia)

TITLE: Patho-radiological aspects of the anastomosis of the resected stomach. Phantom experiments on the operated stomach of dogs

SOURCE: Magyar radiologia, no. 2, 1965, 78-87

TOPIC TAGS: gastroenterology, pathology, radiology, surgery, tumor, experiment animal, digestive system, digestive system disease, carcinoma

ABSTRACT: The clinical symptoms in the operated stomach, which can be demonstrated by radiology, are discussed. Phantom experiments with paraffin and water were performed by the authors and mechanical changes were produced, which resembled pathological alterations (ulcers and tumors), in the anastomosis and in the resected stomach (Billroth II). The phantoms, run on dogs, were similar to the human abdomen. It was found that X-ray examinations are unsuitable for the detection of the superficial forms of marginal ulcer and gastroscopy must, therefore, be performed. Deeper and more extensive marginal ulcers can be detected successfully by X-ray examinations as well, however. Parietographic examinations are very useful for the detection of carcinoma in the anastomosis, especially in

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L 13418-66

ACC NR: AP6006632

cases of carcinoma of the stump. Orig. art. has: 7 figures. [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 016 / OTH REF: 021

Card 2/2

DR

HUNGARY

VARCHA, Gyula, Dr; Megye Hospital-Ambulant Services, Radiology, Radiological Therapy and Ulcer Clinic (chief physician: VARCHA, Gyula, Dr) (Megyei Korhaz-Rendelointezet, Rontgenosztaly, Rontgentherapia es Ulcuszondozo), Tata-banya.

"The Importance of the Use of a No-Spa and Isopropamide Combination (Bispan in Tablet Form) in the Treatment of Ulcer."

Budapest, Orvosi Hetilap, Vol 107, No 38, 18 Sep 66, pages 1796-1800.

Abstract: [Author's Hungarian summary] The therapeutic use of a new, domestically produced drug, No-Spa-Isopropamidum, is reported in ulcer diseases. Good therapeutic effects were achieved in 80.1 per cent of the cases and recurrences were also reasonably low. The results were compared with those of other drugs used in the treatment of ulcer and the conclusion was reached that, of all domestically produced compounds tested, this gave the best results. The drug is considered to be also suitable for the ambulatory treatment of ulcer. 11 Hungarian, 5 Western references.

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- 92 -

VARGHA, GY.

"Electric-power Consumption by Steel and Light-metal Electric Trains." p. 261
(Kohaszati Lapok. Vol. 8, no. 12 Dec. 1953 Budapest.)

SO:Monthly List of East European Accessions. Vol. 3 no. 6 /Library of Congress June 1954, Uncl.

VARGHA, CY:

VARGHA, CY. Mounting small irregularly shaped metallographic specimens
p. 466.

Vol. 10, No. 11, Nov. 1955.

KCHASZATI LAPOK

TECHNOLOGY

Budapest, Hungary

See: East European Accession, Vol. 5, No. 5, May 1956

4b. Chemical polishing in metallographical practice -- A vegyi csiszolás
es fenyésítés alkalmazása metallografiai vizsgálatoknál -- by Gy. Varga.
(Aluminium -- Vol. III, No. 6, pp. 127-132, 1958, 5 figs.)

In connection with investigations made in 1958, on welding and on
metallography, it was found necessary to process microscopically a
number of relatively large metal specimens. The preparation of
these specimens by mechanical methods was rather clumsy. The chemical
polishing process evolved in 1950 proved suitable for scratch-free polish-
ing of metal specimens. A treatment of 3 to 5 minutes in a chemical
polishing solution containing orthophosphoric acid, concentrated sulfuric
acid and potassium sulfate led to satisfactory results provided the
temperature of the solution was kept between 85 and 90°C. This method
is also suitable for aluminium specimens. All specimens containing
copper, however, should be treated in a separate solution containing
hydrofluoric acid. The use of a solution containing hydrofluoric acid
is not recommended for specimens containing lead, tin, antimony, bismuth,
arsenic, selenium, tellurium, and vanadium.

of
or

VARGHA, GY.

Fire-clay occurrence in the territory of the Romhányi Mound (Bank-Peteny.) p. 361

A MAGYAR ALLAMI FOLDTANI INTÉZET ÉVI JELENTÉSE. Budapest, Hungary 1955/56
(Published 1959)

Monthly List of East European Accessions (EEAI) LC, Vol. 9, No. 2, Feb. 1960
Uncl

VARGHA, OY.

Technical development at the Parquet Manufacturing Enterprise of
the Ministry of Construction. p. 153
FAIPAR (Faipari Tudomanyos Egyesulet) Budapest
Vol. 6, no. 6, June 1956

Source: EEAL - LC Vol. 5. No. 10 Oct. 1956

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Met. Abstracts

The Application of Chemical Polishing to Metallography
of Aluminium. György Varga. (*Aluminium (Budapest)*,
1951, 3, (8), 127-130).—[In Hungarian]. Al specimens for
metallographic examination are mech. and chem. polished
and etched to give good pictures of their macro-structures.

Specimens are illustrated in various stages of treatment and
prepared for various purposes.—I. S. M.

VARGHA, Gyula, dr.

Peristomitis. Magy. radiol. 16 no.1:16-25. F'64.

1. Megyei Rendelointezet, Tatabanya (igazg.-foorvos: Domokos Andor dr.) Ulcusgondozoja es Rontgenszakrendelese (foorvos: Vargha Gyula dr.) kozlemenye.

*

HEVESVARI, Imre; SZIKLAVARI, Karoly; SZUNYOGH, Zoltan; VARGHA, Jeno;
KALI, Lajos

Formation of coefficients for norm calculation and design
at open-hearth steel works. Koh lap 96 no. 10: 458-460 0 '63.

VARGHA, Y.; RIMOCZY, GY.

VARGHA, K.; RIMOCZY, GY. Remarks on the article "Current Questions of Cur Timber economy."
p. 6.

Vol. 6, No. 1, Jan. 1956

FAIPAR.

TECHNOLOGY

Budapest, Hungary

So: East European Accession, Vol. 5, No. 5, May 1956

VARGHA, K.

Supply of materials and prime cost. p. 175. FAIPAR. (Faipari Tudamanyos Egyesulet) Budapest. Vol. 5, no. 7, July 1955.

SOURCE: East European Accessions List (EEAL), Library of Congress
Vol. 5, no. 6, June 1956

VARGHA, Kalman

White active fillers of the rubber industry and the methods of their investigation. Bor cipo ll no.5:153-156 S '61.

1. Boripari Kutato Intezet.

FORGACS, I., dr.; BUGSINA, O., dr.; VARGHA, L.

The effect of Karion during narcosis in abdominal surgery. Ther.
hung. 9 no.1/2:18-20 '61.

1. Aus der III. Chirurgischen Klinik (Direktor: Prof. Dr. P. Rubányi)
der Medizinischen Universität, Budapest.

(ANALEPTICS) (ANESTHESIA) (GASTRECTOMY)
(CHOLECYSTECTOMY) (UMBILICAL HERNIA)

1ST AND 2ND ORDERS												3RD AND 4TH ORDERS											
PROCESSES AND PROPERTIES INDEX																							
0a																							
Constitution of monobenzal-d-sorbitol. Remarks on a communication of P. J. van der Laan and L. P. van der Mijl Dekker. Ladislav Vargha (Kgl. Ungar. Franz-Josef-Univ., Kolozsvár): <i>Ber.</i> 77B, 608(1944).—The Dutch authors (C.A. 38, 6276 ¹) apparently are not aware of the work of V. who showed in 1935 (C.A. 29, 6879 ²) that benzal-d-sorbitol is the 2,4-compd. and whose later investigations on its derivs. (C.A. 38, 2830 ³) are based on that structure. C. A. R.																							
ASB-51A METALLURGICAL LITERATURE CLASSIFICATION																							
MATERIALS INDEX												AUTHOR INDEX											
OPEN												COMMON VARIANTS MOLE											
COMMON ELEMENTS												COMMON VARIANTS MOLE											

PROCESSES AND PROPERTIES INDEX

Conversion of 2-acetofuran to 2-hexen-4,5-dione 1-acetal and pyrocatechol. L. Vargha, J. Ramonczai, and P. Bite. (Inst. of Org. Chemistry, Hungarian Univ. "Bolyai," Cluj-Kolozsvár). *Nature* 159, 744-5 (1947).

In an effort to synthesize 2-aminofuran, the reaction of Neber (C.A. 21, 759) was tested. Shaking *p*-tolylsulfonylethylacetate with EtOH yielded, however, McCall's 2-acetofuran oxime with EtOH yielded, however, a yellowish green liquid, distillable *in vacuo* at const. temp. The use of MeOH in place of EtOH gave the corresponding *di-Me* compd. Attempted hydrolysis of these acetals failed because of splitting between the carbonyl groups. Hydrogenation to said acetals, followed by hydrolysis, yielded pyrocatechol.

Robert W. Shortridge

CA

Ramoncia 10

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

EXTRACTED FROM

EXTRACTED FROM

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CA

Furan compounds. I. Conversion of 2-acetylfuran to 4,5-dioxo-2-hexenal 1 acetal and pyrocatechol. I. Varga, J. Ramonczai, and P. Bite (Univ. "Bolyai," Cluj-Kolozsvár, Rumania). *J. Am. Chem. Soc.* 70, 371-4 (1948); cf. *C.A.* 41, 5505. 2-Acetylfuran oxime (30 g.) in 140 cc. C_6H_5N at -10° , treated with 50 g. *p*-MeC₆H₄SO₂Cl and the mixt. kept 2 hrs. at 0° , give a nearly quant. yield of the *O*-*p*-tolylsulfonyl deriv. (I), m. 80° . 1 (50 g.) in 230 cc. 95% EtOH, shaken 5 days at room temp., gives *p*-MeC₆H₄SO₂NH₂ and 80% 4,5-dioxo-2-hexenal 1-(*di*-Et acetal) (II), AcCOCH:CHCH(OEt), yellowish green, b. $65-8^\circ$; II reduces Fehling soln. and NH₄OH-AgNO₃; the freshly prepd. aq. soln. is neutral to litmus and does not react with Schiff reagent; it does not give an adduct with maleic anhydride. The corresponding 1-(*di*-Me acetal) (III) b. $80.5-1.5^\circ$. II (20.2 g.) in 100 cc. EtOH, reduced over 3 g. 10% Pd-C at room temp. and atm. pressure, gives 87% 4,5-dioxohexenal 1-(*di*-Et acetal) (IV), b.

73-8°; the corresponding *di*-Me acetal (V) b. $78-83^\circ$. II or III (0.5 g.) in 10 cc. H₂O and 0.5 g. NH₄OH-HCl in concd. aq. soln. give 4,5-dioxo-2-hexenal 1-oxime, m. 236° (decompn.); FeCl₃ gives a red color; *B*₃ deriv., C₁₂H₁₁O₄N₃, m. 188° . 4,5-Dioxo-2-hexenal bis(phenylhydrazones), orange-red, m. 209° (decompn.). Oxidation of III with O₃ in CHCl₃ gives (CHO); KMnO₄ gives AcOH and (CO₂H); H₂O₂ gives (:CHC(O)H). V and Ag₂O in H₂O, refluxed 1 hr., give (CH₃CO₂H). IV or V (0.5 g.) and 1 g. PhNHNH₂ in 5 cc. AcOH, heated 10 min. on the steam bath, gives 1-phenyl-3-acetyl-1,4-dihydropyridazine phenylhydrazones, pale yellow, does not m. up to 230° . V (2.5 g.) in 60 cc. 2% H₂SO₄, refluxed 1 hr., gives *o*-C₆H₄(OH)₂. Natural *o*-C₆H₄(OH)₂ derivs. might be formed from carbohydrates through furan derivs.

C. J. West

HEVESVARI, Imre; KALI, Lajos; KOVACS, Zoltan; SZUNGYOGH, Zoltan;
VARGHA, Jeno

Migratory labor in Borsod County. Borsod szemle 8 no.5:
40-50 '64.

"APPROVED FOR RELEASE: 08/09/2001

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CA

Furan compounds IV Reactions of the *p*-tolylsulfonyl derivatives of several furyl ketoximes with alcohols. I. Vargha and F. Gonczy (Univ. "Bolyai" Rumania Cluj-Kolozsvar). *J. Am. Chem. Soc.* 72, 2738 (1950); cf. *C.A.* 45, 1573h. -- The reactions with MeOH and EtOH of the *O*-*p*-MeC₆H₄SO₂ derivs. of several aliphatic and aromatic furyl ketoximes were studied, including 2-propionyl-

(I), 2-hydroxyacetyl- (II), 2-benzoyl- (III), 2-(*p*-methoxybenzoyl)furan oxime (IV), and 2-benzoylbenzofuran oxime (V). The aliphatic (*p*-tolylsulfonyl) furyl ketoximes react with alcs. by an opening of the furan ring with acetal formation and subsequent substitution of the imino group by O, as illustrated by $O.CH:CH.CH:CCMe:N(OSO_2)C_6H_4Me$

(VI), and the aromatic compds. undergo a Beckmann rearrangement. V (2 g.) in 20 ml. Et₂O was shaken with 10 ml. H₂O 50 hrs. at room temp., the Et₂O layer dried and evapd., and the solid residue recrystd. from C₆H₆ by addn. of petr. ether, yielding 1.0 g. 2-acetylfuran oxime (VII, m. 89°). Also 1 g. VI was kept 7 days in a sealed tube with 5 ml. abs. EtOH, the crystals of *p*-MeC₆H₄SO₂NH₂ filtered and washed with abs. EtOH, the filtrate evapd. *in vacuo*, and an aq. soln. of NH₄OH.HCl added to the oily residue, yielding MeCOCOCH:CHCH:NH₂, m. 235° (from H₂O). Cl₂COCl (9 g.) in 10 ml. pyridine was slowly added with stirring to 0.25 g. VII in 25 ml. CHCl₃ and 5 ml. pyridine at -10°, the mixt. kept at room temp. 30 min., the mixt. poured into ice-H₂O, and the CHCl₃ layer washed with H₂O and dried with Na₂SO₄ and evapd. *in vacuo*, yielding 51% of the *o*-trichloroacetyl deriv. (VIII), m. 98° (from C₆H₆). VIII (2 g.) did not change after 14 days in 20 ml. 95% EtOH at 35°. Likewise 5 g. *O*-Bz deriv. of VII remained unchanged in 25 ml. 95% EtOH after boiling for

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several hours. The oximes, in general, were prepd. by refluxing 0.1 mole ketone, 0.1+ mole $\text{NH}_4\text{OH}\cdot\text{HCl}$, 0.1+ mole AcONa and 80 ml. 95% EtOH 5 hrs., filtering hot from the pptd. NaCl , evapng. the filtrate *in vacuo*, and crystg. the oxime by addn. of cold H_2O . Oximes of the following ketones were so prepd. (yields and m.ps., resp.): 5-methyl-2-acetylfuran, white plates from petr. ether, 80%, m. 78-9°; 2-propionylfuran, white needles, 82%, m. 77°; 2-(hydroxyacetyl)furan, 78%, m. 132-4°; and 2-(*p*-methoxybenzoyl)furan, 75%, m. 135-7°. The *p*- $\text{MeC}_6\text{H}_4\text{SO}_2$ derivs. of the oximes, in general, were prepd. by adding 0.1 mole powd. *p*- $\text{MeC}_6\text{H}_4\text{SO}_2\text{Cl}$ to 0.1 mole oxime in 50 ml. pyridine at -10° with stirring, letting stand at room temp. 2 hrs., pouring the mixt. into ice water, filtering the pptd. esters, washing carefully with cold H_2O , and drying *in vacuo*. The *p*-toluenesulfonic esters of the following oximes were so prepd.: 5-methyl-2-acetylfuran oxime, white needles from C_6H_6 and petr. ether, 85%, m. 111° (decompn.), remained unchanged after refluxing with 20 ml. 95% EtOH 48 hrs.; 2-propionylfuran oxime, white needles from petr. ether, 68%, m. 68°; 2-(hydroxyacetyl)furan oxime, white crystals from C_6H_6 and petr. ether, 80%, m. 80-7° (decompn.); 2-benzoylfuran oxime, 50%, m. 118° (decompn.) (from EtOH); 2-(*p*-methoxybenzoyl)furan oxime, white plates from C_6H_6 and petr. ether, 72%, m. 119-20°; 2-benzoylbenzofuran oxime, 50%, m. 118° (decompn.) (from EtOH). A soln. of 10 g. *p*-toluenesulfonic ester of 2-(hydroxyacetyl)furan oxime in 50 ml. EtOH

kept at 30° for 24 hrs., and the mixt. treated as previously described; the resulting solid was *p*- $\text{MeC}_6\text{H}_4\text{SO}_2\text{NH}_2$ (IX), the liquid was the acetal of 4,6-diketo-2-hexenal, b. $71-3^\circ$ (oxime, m. 235°). A suspension of 10 g. oxime of V in 50 ml. 95% EtOH was kept at 30° for 10 days with occasional shaking, the solvent removed *in vacuo*, the residue dissolved in 25 ml. Et_2O and 25 ml. H_2O , and the acidic aq. layer neutralized with NH_4OH , treated with charcoal, and evapd. to dryness; the residue was IX. The Et_2O layer was then evapd., and the residue recrystd. from EtOH with charcoal, yielding 2-furanilide, m. 124°. IV in 15 ml. 95% EtOH was refluxed 5 hrs., the residue from evapn. dissolved in Et_2O and H_2O , and neutralized with NH_4OH , yielding IX. The Et_2O soln. was evapd. and the residue recrystd. from H_2O , yielding 60% *p*-methoxy-2-furanilide, white needles, m. 105-6°, hydrolyzed with 2 N H_2SO_4 to 2-furoic acid and *p*- $\text{MeOC}_6\text{H}_4\text{NH}_2$. Its structure was further confirmed by synthesis from 2.6 g. furoyl chloride in 10 ml. C_6H_6 and 5 g. *p*- $\text{MeOC}_6\text{H}_4\text{NH}_2$ in 20 ml. C_6H_6 kept at room temp. 1 day, and the ppt. filtered, washed with EtOH and H_2O , and recrystd. from H_2O , giving a product m. 105-6°. V (5 g.) in 40 ml. EtOH was refluxed 4 hrs., the solvent evapd., and the residue dissolved in Et_2O and H_2O ; the H_2O solution again yielded IX after neutralization with NH_4OH and evapn.; evapn. of the Et_2O soln. and crystn. of the residue from 10% EtOH yielded 48% benzofurancarboxanilide, m. 158°. R. E. Dunbar

FORGACS, Istvan, dr.; SARLOS, Pal, dr.; VARGHA, Lajos, asszisztens

Oximetric investigations during thoracic surgery with intratracheal anesthesia. *Magy sebeszet* 13 no.6:383-389 D '59.

1. A Budapesti Orvostudományi Egyetem III. sz. Sebeszeti Klinikájának közleménye Igazgató: Rubanyi Pal dr. egyetemi tanár.

(OXIMETRY)
(THORAX surg)
(ANESTHESIA INTRATRACHEAL)

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