

RABKINA, M. Ye.

"Case of Neurinoma of the Eye," Vest. Oftalmol., 27, No. 3, 1948. Mbr., Clinic of Eye Diseases, Khar'kov Med. Inst., -1948-.

RABKINA, S.A.; SAZANOVA, V.D.; TSAUZNER, G.M.

Some problems in the epidemiology and prevention of poliomyelitis in
Cheliabinsk. Vop.virus. 4 no.4:443-445 J1-Ag '59. (MIRA 12:12)

1. Chelyabinskaya gorodskaya sanitarno-epidemiologicheskaya stantsiya.
(POLIOMYELITIS, prevention & control)

RABKINA, S.A.; TSAUZNER, G.M.; STAKHANOVA, V.M.

Outbreak of influenza in January and February 1959 in Chelyabinsk.
Vop. virus. 5 no. 1:44-49 Ja-F '60. (MIRA 14:2)

1. Chelyabinskaya gorodskaya sanitarno-epidemiologicheskaya
stantsiya i Institut virusologii imeni D.I. Ivanovskogo AMN
SSSR, Moskva.

(CHELYABINSK--INFLUENZA)

BANK, I.L.; RABKINA, S.A.; VASILENKO, Ye.A.; BELOUSOVA, N.M.

Water-borne outbreak of dysentery. Zhur.mikrobiol., epid.i
immun. 32 no.12:118 D '61. (MIRA 15:11)

1. Chelyabinskogo meditsinskogo instituta i Chelyabinskoy
gorodskoy sanitarno-epidemiologicheskoy stantsii.
(DYSENTERY)

EBERT, L. Ya., doktor med. nauk; BRISKER, A.D.; RABKINA, S.A.

Data on the use of dibazol for the prevention of influenza in children's collectives during the 1962 epidemic. Kaz. Med. Zhur. no.6:44-45 '62. (MIRA 17:5)

1. Chelyabinskiy meditsinskiy institut i Chelyabinskaya gorodskaya sanitarno-epidemiologicheskaya stantsiya (glavnyy vrach - N.V. Shelepova).

MATOVSKIY, I.M.; RABKINA, S.A.

Inspection of therapeutic prophylactic institutions in connection
with their antiepidemic work. Zhur. mikrobiol., epid. i immun. 47.
no.8:136-138 Ag '65. (MIRA 18:9)

1. Chelyabinskiy gorodskoy otdel zdravookhraneniya i Chelyabinskaya
gorodskaya sanitarno-epidemiologicheskaya stantsiya.

VORONKOV, M.G.; RABKINA, S.M.

1-Alkoxycyclohexenes. Izv. AN SSSR. Otd. khim. nauk no.12:2240-
2242 D '60. (MIRA 13:12)

1. Institut khimii silikatov AN SSSR.
(Cyclohexene)

20949

S/079/61/031/004/003/006
B118/B208

5 3400

AUTHORS: Voronkov, M.G. and Rabkina, S.M.

TITLE: Studies in the field of alkoxy silanes.
XVI. Reaction of tetraalkoxy silanes with ketones

PERIODICAL: Zhurnal obshchey khimii, v. 31, no. 4, 1961, 1259 - 1265

TEXT: In addition of their paper (Ref. 1: ZhOKh., 30, 1955 (1960)), and considering the available methods of synthesizing aldehyde and ketone acetals, the authors of the present paper studied the effect of substituting methyl radicals for the ethoxy groups in tetraethoxy silane on acetalization. For this purpose, acetone and methyl-ethyl ketone were allowed to react with methyl ethoxy silanes of the formula $(CH_3)_n Si(OC_2H_5)_{4-n}$ ($n=1-3$). Substitution of methyl groups for ethoxy groups on the silicon atom considerably reduced the capability of ethoxy silanes to acetalize ketones. The diethyl ketal yield in the reaction of methyl-ethyl ketone with dimethyl diethoxy silane ($n=2$) was quite low, whereas no ketal was formed in the reaction of acetone with trimethyl ethoxy si-

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Studies in the field of alkoxy ...

lane. As acetals in general, and ketals in particular, split off alcohol at elevated temperatures, the synthesized acetals were distilled in the presence of Na or its alcoholate, the acetals otherwise being contaminated by alcohol and the corresponding α, β -unsaturated ether. The ketals of cyclohexanone and its derivatives readily split off alcohol during distillation, and are converted to 1-alkoxy cyclohexenes. This ability of 1,1-dialkoxy cyclohexanes easily yields 1-alkoxy cyclohexenes which are formed immediately from cyclohexanone and tetraalkoxy silanes:

X



Synthesis was performed by simple distillation of a mixture of cyclohexanone and the corresponding tetraalkoxy silane in the presence of H_3PO_4 .

This mixture had previously been boiled for 8-14 hr. Nearly all the alcohol is first distilled off, and immediately afterwards the reaction product containing some alcohol. It was purified by distillation on Na, most suitably at low pressure. Five 1-alkoxy cyclohexenes were synthesized in

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this way with yields between 55 and 70% (Table). The presence of a certain quantity of alcohol in the reaction product is important in acetalization. It was shown that the reaction of tetraalkoxy silanes with aliphatic and alicyclic ketones takes place in the presence of anhydrous orthophosphoric acid as a catalyst and in the absence of alcohols, forming the corresponding ketals. Eight ketals were obtained and identified in this way, as well as the acetal of butyraldehyde. The opinion expressed in publications that aldehydes are acetalized more easily than ketones may only be explained by the fact that ketals hydrolyze more rapidly than aldehyde acetals. Yu.N. Platonov is thanked for making the analyses. There are 1 figure, 1 table, and 26 references: 14 Soviet-bloc and 12 non-Soviet-bloc. The 2 references to English-language publications read as follows: H.E. Carswell, H. Adkins, J.Am.Chem.Soc., 50, 235, (1928); G.I. Pfeifer, H. Adkins, J.Am.Chem.Soc., 53, 1043 (1931).

ASSOCIATION: Institut khimii silikatov Akademii nauk SSSR
(Institute of Silicate Chemistry of the Academy of
Sciences USSR)

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Studies in the field of alkoxy ...

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X

SUBMITTED: May 11, 1960








Legend to the Tables:

- (A) Compound; (B) formula; (C) boiling point (pressure in mm Hg);
- (D) empirical formula; (E) found; (F) calculated; (G) yield;
- (1) 2,2-dimethoxy butane; (2) 2,2-diethoxy propane; (3) 2,2-diethoxy butane;
- (4) 2,2-diethoxy pentane; (5) 2,2-diethoxy hexane;
- (6) 1,1-diethoxy cyclopentane; (7) 1,1-diethoxy cyclohexane;
- (8) 1,1-diethoxy butane; (9) 2,2-dibutoxy propane; (10) 2,2-dibutoxy hexane;
- (11) 1-methoxy cyclohexene; (12) 1-ethoxy cyclohexene;
- (13) 1-propoxy cyclohexene; (14) 1-butoxy cyclohexene; (15) 1-iso-amoxy cyclohexene.

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Studies in the field of alkoxy ...

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(A) Соединение	(B) Формула	(C) Температура кипения ±0,5° (давление в мм)
2,2-Диметоксибутан 2,2-Диэтокспиропан 2,2-Диэтоксипентан 2,2-Диэтоксигексан	$CH_3C(CH_3)_2C(OCH_2CH_3)_2$ $C_2H_5C(CH_3)(OC_2H_5)_2$ $CH_3C(CH_3)(OC_2H_5)_2$ $CH_3C(CH_3)(OC_2H_5)_2$	108,9° (760) 114,9 (760) 138,5 (760) 48,5 (12) 71 (17)
1,1-Диэтоксидецилопентан		75 (29)
1,1-Диэтоксидецилогексан		85,3 (22)
1,1-Диэтоксидецилопентан 2,2-Дибутоксипропан 2,2-Дибутоксигексан	$C_2H_5C(CH_3)(OC_4H_9)_2$ $(C_2H_5)_2C(OC_4H_9)_2$ $CH_3C(CH_3)(OC_4H_9)_2$	146,5 (760) 85 (14) 115 (12)
1-Метоксициклопексен		52 (32) 145,0 (760)
1-Этоксидецилогексен		63,5 (24)
1-Пропоксициклопексен		67 (9)
1-Бутоксициклопексен		83 (10)
1-Изоомоксициклопексен		90 (9)

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Studies in the field of alkoxy ...

d ⁿ	n _D ²⁰	Брутто-формула	MR ₂		%C	
			наб-лочно (E)	вычис-лено (P)	наб-лочно (E)	вычис-лено (P)
0.8613	1.9380	C ₉ H ₁₄ O ₂	32.75	33.19	60.98	60.98
0.8294	1.3880	C ₇ H ₁₀ O ₂	37.69	37.51	63.60	63.60
0.8412	1.3992	C ₈ H ₁₂ O ₂	42.07	42.43	65.71	65.73
0.8418	1.4045	C ₈ H ₁₂ O ₂	45.61	47.05	67.45	67.51
0.8448	1.4095	C ₁₀ H ₂₂ O ₂	51.06	51.67	68.92	68.30
0.9089	1.4261	C ₉ H ₁₆ O ₂	44.02	44.85	69.31	68.05
0.9166	1.4369	C ₁₀ H ₂₀ O ₂	49.23	49.47	69.72	69.88
0.8285	1.3962	C ₈ H ₁₆ O ₂	42.43	42.43	65.71	65.89
0.8347	1.4127	C ₁₁ H ₂₂ O ₂	56.22	56.28	70.16	70.25
—	1.4253	C ₁₄ H ₃₀ O ₂	—	—	72.89	73.09
0.9224	1.4613	C ₇ H ₁₂ O	33.39	33.50	74.95	75.07
0.9150	1.4589	C ₈ H ₁₄ O	37.70	38.12	76.14	75.67
0.8901	1.4580	C ₉ H ₁₆ O	42.99	42.74	77.09	76.63
0.8912	1.4602	C ₁₀ H ₁₈ O	47.42	47.36	77.87	77.95
0.885	1.4599	C ₁₁ H ₂₀ O	52.0	51.94	78.51	78.25

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S/079/61/031, %H /003/006
B118/B20

вычис-лено (E)	наб-лочно (E)	вы-ход (в %)
11.94	12.00, 11.89	57.0
12.20	12.27, 12.31	53.4
12.41	12.45, 12.52	54.0
12.58	12.34, 12.27	49.8
12.72	12.45	53.0
11.47	11.42	30.0
11.70	11.86	43.0
12.41	12.25, 12.31	33.7
12.85	12.62	32.0
13.13	13.26, 13.19	8.7
10.78	10.93, 11.05	70.9
11.18	11.13, 11.21	63.2
11.50	11.49, 11.54	60.0
11.76	11.82, 11.86	60.2
11.98	11.93, 11.76	55.0

RABKINA, V. F., Aspirant

"The Daily Thyroxine Requirement of an Organism." Cand Biol Sci, Moscow
Order of Lenin State U imeni M. V. Lomonosov, 10 Dec 54. (VM, 1 Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher
Educational Institutions (12)
SO: Sum. No. 556, 24 Jun 55

RABKINA, Vera Izrailevna; SHUKHER, S.M., inzh., red.; BORUNOV, N.I.,
tekh. red.

[Automation and organization of control systems at high-
capacity thermal electric power plants] Avtomatizatsiia i or-
ganizatsiia upravleniia na teplovykh elektrostantsiakh bol'-
shoi moshchnosti. Moskva, Gos.energ. izd-vo, 1961. 175 p.
(MIRA 15:1)

(Electric power plants) (Automation)

KUNIN, I.A.; RABKO, V.D.

Pendulum apparatus for determining the coefficient of rolling friction. Izv.Sib.otd.AN SSSR no.8:116-119 '61. (MIRA 14:8)

1. Institut gornogo dela Sibirskogo otdeleniya AN SSSR, Novosibirsk.
(Friction) (Pendulum)

RABKO, V.D.

Experimental investigation of the thermomechanical effect
originated by the rolling of cylindrical bodies. Izv. SO
AN SSSR no.6. Ser. tekhn. nauk no.2:110-116 '65.

(MIRA 18:11)

1. Institut gornogo dela Sibirskogo otdeleniya AN SSSR,
Novosibirsk.

RAMSO, V.D.

Determination of losses through rolling friction at high velocities and under heavy loads. Izv. SO AN SSSR no.2. Ser. tekhn. nauk no.1:112-116 '64. (MIRA 17:8)

1. Institut gornogo dela Sibirskogo otdeleniya AN SSSR, Novosibirsk.

LUK'YANOVA, Ye.N.; MARIPOV, T.M.; POVAROV, A.V.; RABKOV, K.N.;
SHEKHTMAN, P.A.

Analysis of the prospecting methods of the Kansay lead-
zinc deposit. Trudy SAIGIMSa no.3:93-153 '63.

(MIRA 17:9)

RABKOV, K.N.

Balance of working time and efficiency in the work of drilling rigs of
new and old design. Uch.zap. SAIGIMS no.10:63-66 '63. (MIRA 17:2)

LUK'YANOVA, Ye.N.; MARIPOV, T.M.; KOROLEV, A.V.; RABKOV, K.N.; SHEKHTMAN, P.A.

Analyzing prospecting methods and the technical and economic indices of geological prospecting in the complex metal deposits of Central Kansay. Biul. nauch.--tekh. inform. VIMS no.2:3-7 '63.
(MIRA 18:2)

1. Sredneaziatskiy nauchno-issledovatel'skiy institut geologii i mineral'nogo syr'ya, Tashkent.

РАТКОВА, Л. Л.

РАТКОВА, Л. Л. -- "Surgical Anatomy of the Blood Vessel System of the Kidney Under Normal and Under Pathological Conditions." * (Dissertations For Degrees In Science and Engineering Defended at USSR Higher Educational Institutions) (29) Leningrad State Order of Lenin Inst for the Advanced Training of Physicians ineri S. M. Kirov, Leningrad, 1955

SO: Knizhnaya letopis' No 29, 16 July 1955

* For the Degree of Candidate in Medical Sciences

RABKOVA, L.M., kand.med.nauk

Topography of the intraorganic vessels of the kidney in some diseases affecting it. Sbor. nauch. trud GIDUV no. 14:143-147 '58. (MIRA 13:10)

1. Iz kafedry operativnoy khirurgii (zav. kafedroy prof. A.P. Nadein) i kafedry urologii (zav. kafedroy prof. I.N. Shapiro) Gosudarstvennogo instituta dlya usovershenstvovaniya vrachey. (KIDNEYS--BLOOD SUPPLY) (KIDNEYS--DISEASES)

RABKOVA, L.M. (Leningrad, Primorskiy prospekt, 23,kv.27); TATARSKIY, V.V.
(Leningrad, P-154, prospekt Shchorosa,7,kv.8).

Acid phosphatase in the blood serum of male patients with tumors
of the urogenital organs. Vop. onk. 7 no. 4:70-73 '61.
(MIR^A 14:4)

1. Iz onko-urologicheskogo otdeleniya (zav. - prof. I.N. Shapiro)
Instituta onkologii AMN SSSR (dir. - deystvitel'nyy chlen AMN
SSSR prof. A.I. Serebrov).
(PHOSPHATASE) (GENITOURINARY ORGANS--TUMORS)

RABKOVA, L.M.

Late results of bladder resection for cancer with ureterocystoneo-
stomy. Trudy Inst.onk.AMN SSSR no.4:89-93 '62. (MIRA 15:9)
(~~BL~~ADDER--CANCER) (~~URETERS~~--SURGERY)

RABELOV, I.M.

Use of cadmium iodide and semicarbazide hydrochloric acid in
the treatment of bladder tumora. Vop. onk. 9 no. 125-126
'63. (MIRA 17:8)

RABKOVA, L.M. (Leningrad, Primorskiy prospekt, 23, kvartira 27);
SHRAYER, D.P. (Leningrad, K-156, prospekt Engel'sa, 3, kv.4)

Clinicobacteriological comparisons in tumors of the urogenital organs.
Vop. onk. 9 no.8:55-60 '63 (MIRA 17:4)

1. Iz urologicheskogo otdeleniya Instituta onkologii AMN SSSR
(rukovoditel' - prof. I.N. Shapiro [deceased] i iz kafedry
mikrobiologii I Leningradskogo meditsinskogo instituta (ruko-
voditel' - doktor biolog. nauk E. Ya. Rokhlina).

RABKOVA, L.M. (Leningrad, 10, Primorskiy prospekt, d.23, kv.27)

Adenoma of the kidney; a single case. Vop. onk. 10 no.1:103-104
'64. (MIRA 17:11)

1. Iz urologicheskogo otdeleniya Instituta onkologii AMN SSSR
(dir. - deystvitel'nyy chlen AMN SSSR prof. A.I. Serebrov).

KLEYNMAN, D.L.; RABKOVA, L.M.

Direct lymphography in tumors of the urogenital organs. Vop. onk.
11 no.3:35-42 '65. (MIRA 18:6)

1. Iz rentgenologicheskogo otdeleniya (ispolnyayushchiy obyazannosti zaveduyushchego - doktor med. nauk A.P. Lazareva), urologicheskogo otdeleniya (ispolnyayushchiy obyazannosti zaveduyushchego kand. med. nauk L.M. Rabkova) i nauchno-poliklinicheskogo otdeleniya (zav. - kand. med. nauk K.A. Pavlov) Instituta onkologii AMN SSSR (dir. - deystvitel'nyy chlen AMN SSSR prof. A.I. Serebrov).

ABRAKOV, L.V.; BARANOVA, A.G.; DYMARSKIY, L.Yu.; DYAD'KOVA, A.M.;
RABKOVA, L.M.; RAKOV, A.I.; SEREBROV, A.I.; SMIRNOVA, I.N.;
KHOLDIN, S.A.; TSEL', Ye.A.; CHEKHARINA, Ye.A.; SHABASHOVA,
N.Ya.; SHANIN, A.P.

Reviews. Vop. onk. 11 no.7:116-126 '65.

(MIRA 18:9)

MI'ZHENSKIY A.V.

124-57-1-735

Translation from: Referativnyy zhurnal, Mekhanika, 1957, Nr 1, p 94 (USSR)

AUTHOR: Rabkova, Ye. K.

TITLE: Investigations of the Erosive Flood Water Currents in the Foot-hill Area of Northern Ferghana (Issledovaniya selevykh potokov v rayone predgoriy Severnoy Fergany)

PERIODICAL: Tr. In-ta sooruzh. AN UzSSR, 1955, Nr 7, pp 187-201

ABSTRACT: An account of investigations performed at the river-bed-control laboratory of the Institut sooruzhenii AN UzSSR (Structures Institute, Academy of Sciences, Uzbek SSR) during 1953 and 1954. The author analyzes the physical geography and the meteorological conditions that lead to the formation of flood-water currents which erode the bottomlands of Ferghana. He also offers some calculated relationships and deductions from laboratory analyses which determine the probability of the appearance - under such conditions - of the essentially turbulent flood-water currents. The presence of "structural" flood waters in Uzbekistan is denied by the author. Expanding contemporary concepts of the nature of the flood-water phenomena, with regard to "structural" flood-water currents, a tentative

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124-57-1-735

Investigations of the Erosive Flood (cont.)

basis of the possibility of the conservation of the flood "structure" and of a large capacity for carrying suspension in such currents is offered. In conclusion the problem on the setting up of laboratory investigations of flood-water currents, i.e., their simulation, is examined. The author is of the opinion that a turbulent flood-water current can be simulated in the laboratory in accordance with Froude's dynamic similarity criterion.
Bibliography: 7 references

M. S. Gagoshidze

1. Soils--Erosion--Analysis

Card 2/2

RABKOVA, Ye.K., kand.tekhn.nauk

Laboratory investigation of the effect of daily regulation on the
water level regime in the afterbay of a hydroelectric power station.
Trudy TSNIEVT no. 19:96-111 '60. (MIRA 14:5)
(Hydraulics)

RABKOVA, Ye. K. kand. tekhn. nauk

Characteristics of the regime of sandbanks and accumulations in
dredge cuts with daily regulation. Esch. transp. 23 no.10:34-37
0 '64. (MIRA 17:12)

MAKKAWEYEV, N.I., prof.; LAPTEV, M.I.; MITYAKOVA, M.N.; KONDRAKHOVA, Ye.I.;
SHANKIN, P.A.; RZHANITSYN, N.A.; RABKOVA, Ye.K.; VYKHLOV, K.P.;
CHALOV, R.S.

[Planning the navigable channels of unregulated rivers.]
Proektirovanie sudovykh khodov na svobodnykh rekakh. Moskva,
Transport, 1964. 261 p. (Moscow. Tsentral'nyi
nauchno-issledovatel'skii institut ekonomiki i ekspluatatsii
vodnogo transporta. Trudy, no. 36). (MIRA 18:12)

RABKOVA, Z.K.

Angren kaolin-coal deposit. Kora vyvetr. no.6:181-186 '63.
(MIPA 17:9)

1. Angrenskaya geologo-razvedochnaya ekspeditsiya Glavnogo
upravleniya geologii i okhrany nedr pri Sovete Ministrov
Uzbekskoy SSR.

RAPL, B.; PRUSAK, R.; MACHOVIC, V.

"Laboratory research on dressing of Czechoslovak polymetallic ores in heavy liquids." (Supplement) p. 1

RUDY. Praha, Czechoslovakia, Vol. 7, No. 5, May, 1959

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September, 1959
Unclas.

RABL, B.

Use of ore-washing method. Prace p. 4.

RUDY. (Ministerstvo hutního průmyslu a rudných dolů) Praha, Czechoslovakia,
Vol. 7, No. 6, June 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 11,
November 1959.

Uncl.

PELESKA, B.; MARKOVA, J.; technical assistance: RABL. M.; VESELOVSKA, M.

"Kortikostimulator Prema" - an electronic stimulator for exciting
the cerebral cortex. Rev.Czech. M.6 no.4:266-277 '60.

1. Institute for Clinical and Experimental Surgery, Prague -
Kcr. Director: Prof. B. Spacek, M.D.
(CEREBRAL CORTEX)
(ELECTRONICS)

PELESKA, B.; MARKOVA, J. Technicka spoluprace: RABL, M.; VESELOVSKA, M.

Relationship of the peripheral motor response and the depth of pentothal anesthesia in corticostimulation. Cas.lek.cesk 100 no.13: 404-409 31 Mr '61.

1. Ustav klinicke a experimentalni chirurgie, Praha-Krc, prednosta prof. dr. B. Spacek.

(THIOPENTAL anesth & analgesia)
(CEREBRAL CORTEX physiol)
(PERIPHERAL NERVES physiol)

RABL, M.
CZECHOSLOVAKIA

2

PELESKA, B., POHANKA, J., and BLAZEK, Z., with technical co-operation of RABL, M., and POS, V., Institute for Clinical and Experimental Surgery (Ustav klinicke a experimentalni chirurgie), Prague, Prof. Dr B. SPACEK, Dr of Sciences, director.

"Defibrillator for Direct and Indirect Defibrillation of the Heart"

Prague, Casopis Lekarů Ceskych, Vol CII, No 26, 28 June 63, pp 705-710.

Abstract [Authors' English summary]: Data on a portable defibrillator with its own power source and a pulse transformer. Parameters of the new apparatus roughly correspond to that already produced and connected to the regular power network. A diagram, graphs, tables, illustrations. Fifteen references, including 1 Russian.

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PELESKA, B.; BLAZEK, Z.; Technicka spolprace: ~~RABL, M.~~

Effect of serial inductivity in condenser defibrillators on the defibrillation threshold of the heart and proposals for a modification of the earlier PREMA type. Rozhl. chir. 42 no.10:704-711
O '63.

1. Ustav klinicke a experimentalni chirurgie v Praze, reditel
prof. dr. B. Spacek, DrSc.

*

PELESKA, B.; POHANKA, J.; BLAZEK, Z.; Technicka spoluprace: RABL, M.;
POS, V.

Condenser defibrillator for direct and transthoracic defibrilla-
tion of the heart. Cas. lek. cesk. 102 no.26:705-710 28 Jo '63.

1. Ustav klinicke a experimentalni chirurgie v Praze, reditel
prof. dr. B. Spacek, DrSc.

(HEART ARREST) (ELECTROTHERAPY)
(VENTRICULAR FIBRILLATION)
(AURICULAR FIBRILLATION)
(EQUIPMENT AND SUPPLIES)

PELESKA, B.; JELINEK, M.; Technicka spoluprace: Blazek, Z.; Rabl, M.; CERNA, H.; MAJEROVA, H.; ZMRHALOVA, A.

Combined electrical reanimation unit. Rozh. chir. 43 no.4:253-258
Ap '64.

1. Ustav klinicke a experimentalni chirurgie, Praha a Vyzkumny
ustav zdravotnicke techniky, Brno.

PELESKA, B.; RABL, M.

Electrical stimulation of the heart with electrodes introduced
into the esophagus. Cas.lek. cesk. 103 no.1:1-6 3 Ja'64.

1. Ustav klinicke a experimentalni chirurgie, Praha-Krc;
reditel prof.dr. B.Spacek, DrSc.

*

SPACEK, B.; PELESKA, B.; ZASTAVA, V.; HAMMER, J.; PISA, Z. Technicka
spoluprace: RABL, M.; BLAZEK, Z.; ZIRHALOVA, A.; CERNA, H.; MAJEROVA, H.

Reversibility of cardiac contraction after temporary obstruction
of the coronary arteries. Cas. lek. cesk. 104 no.1:1-11 8 Ja '65

1. Ustav klinicke a experimentalni chirurgie v Praze (reditel -
prof. dr. B. Spacek, DrSc.) a Ustav pro choroby obehu krevniho
v Praze (reditel - prof. dr. J. Brod, DrSc.).

PELESKA, B.; Technicka spoluprace: BLAZEK, Z.; RABL, N.; SLADKOVA, E.;
Statisticke zpracovani: ROTH, Z. inz.

Theoretical principles of the electric defibrillation of the
heart through condenser discharge. Part 2. Cas. lek. Cesk.
105 no.1:19-30 7 Ja '66.

1. Vyzkumny ustav pro elektroniku a modelovani v lekarstvi
v Praze (reditel doc. dr. B. Peleska, DrSc.).

L 64819-65 EWT(m)/EPF(c)/T DJ

CZ/2513/63/000/006/0147/0161

ACCESSION NR: AT5009167

AUTHOR: Cizek, J. (Chizhek, Ya.); Rabl, V.; ^{H4,SS}Mostecky, J. (Mostetsky, Y.)

33
27
B+1

TITLE: Extreme pressure additives [antiseize additives]

SOURCE: Prague. Vysoka skola chemicko-technologicka. Sbornik. Technologie paliv, no. 6, 1963, 147-161

TOPIC TAGS: antiseize additive, high pressure lubricant

ABSTRACT: The efficiency of Extreme Pressure additives (EP-additives) currently used was compared with EP additives newly prepared. The measurements were carried out with the efficiency expressed by means of the EP-index.

sulfur and chlorinated compounds

Card 1/2

is very simple, and available for

44,55
ASSOCIATION: Vyzkumny a zkusebni letecky ustav, Letnany (Aviation Research and Testing Institute); Katedra syntetickych paliv a rop Vysoke skoly chemicko-technologicke, Prague (Department of Synthetic Fuels and Petroleum, Higher School of Chemical Technology)

SUBMITTED: 14Sep63 44,55

ENCL: 00

SUB CODE: FP

NO REF SOV: 000

OTHER: 033

MRK
Card 2/2

RABL, V.; MOSTECKY, J.

Graduate course on fuel production. Ropa a uhlie 6
no. 3: 65-66 Mr '64.

1. Department of Synthetic Fuels and Crude Oil, Higher
School of Chemical Technology, Prague.

HEJNAL, J.; HRDLICKA, Z.; SCHINDLER, J.; CERVINKA, F., Technická spolupráce:
Z. Divis, J. Hnatek, M. Hubkova, Z. Linkova, L. Rablova, H. Tazilova,
H. Vidmarova, A. Zednikova.

Antibiotics in preoperative preparation of the large intestine.
Rozhl. chir. 38 no.8:507-515 Aug 59.

1. Ustav klinické a experimentální chirurgie v Praze Ustav mikrobiol.
a epidemiol. **EU** v Praze.
(ANTIBIOTICS, ther.) (COLON, surg.)

4. 22

Aromatisation of the distillates of mineral oils. (Cyula.)
Hald. *Magyar Kém. Lapja* 9, 8-12 (1949).--Discussion of
the various industrial methods, including suitability and
effect of catalysts. 44 references. I. Finlay

CA

22

Aromatization of petroleum distillates with tungstic acid catalyst. Gyula Fehér (Univ. Tech. Sci., Budapest). *Magyar Kém. Folyóirat* 39, 31-4 (1960); cf. C.A. 48, 13204. Repts. with 3 kinds of catalysts (A contg. 0.001, B contg. 0.01, and C contg. 0.06 atom W for each Al atom of the carrier, Akon F. 10) were carried out at 550, 565, and 580°. Catalyst activity was very low below 550°. Yields diminished quickly at temps. above 580°; the rapid catalyst deactivation seemed to inhibit activity considerably. Content of aromatic compts. in the products increased by 15% in the presence of catalyst A at a contact interval of 58 sec. at 565-60° and by 26% at a contact interval of 116 sec. A slightly higher output of aromatic substances was obtained with catalyst B. In the case of catalyst C the increase of output of aromatic products was 11% at 550-65° and 8% at 565-80° at a contact interval of 58 sec. If the contact interval sank below this value, the output diminished. In the case of catalyst A at 565°, with a contact interval of 116 sec., the output of aromatic compts. was 35%; with catalyst B at 580°, with a 58-sec. contact interval, the yield was 26%, and with catalyst C at 580°, with a contact interval of 116 sec., the output was 20%. Inad. on the basis of petroleum distillates. Further increase of W concn. caused only slight increases of output. The optimum output of aromatic compts. depends not only on the quantity of W, but also on the method of its prepn. The naphthene content of the products was the highest—with an equal output of aromatic compts.—when using catalyst A; this shows that this catalyst exerted the least effect on naphthenes. A definite difference was observed in the behavior of naphthene compts. of different types, since cyclohexanes were transformed to aromatic compts. much easier than cyclopentanes.

István Fialy

1901

181T22

HUNGARY/Chemistry - Liquid Fuels

1951

"Comparative Examination of the Contact Surface and Activity of Three Dehydrogenation Catalysts," in English, J. Varga, G. Rabo, P. Steingaszner, Inst Chem Tech, U Tech Sci, Budapest

"Acta Chimica Acad Sci Hungaricae" Vol I, No 1, pp 94-102

Compared activity of Cr₂O₃, MoO₃, and WO₃ catalysts on Al₂O₃ carrier. Dehd "satn point," beyond which catalyst activity is not increased by increased concn. Catalyst surface on same carrier

181T22

HUNGARY/Chemistry - Liquid Fuels (Contd) 1951

Increased in order: MoO₃, Cr₂O₃, WO₃. Studied effect on yield of aromatics and correlated activity and catalyst surface. Cr₂O₃ is 6.5 per cent, WO₃ 25 per cent less active than MoO₃.

181T22

RABO G.

181723

HUNGARY/Chemistry - Liquid Fuels

1951

"Comparative Study of the Promoters of Dehydrogenation Catalysts," in English, J. Varga, G. Rabo, A. Zalai, Inst Chem Tech, U Tech Sci, Budapest

"Acta Chimica Acad Sci Hungaricae" Vol I, No 1, pp 137-145

Studied change of effect of Cr - Al catalysts in presence of K, Ce, and Th promoters on aromatics with bp 95 - 120°C, contg toluene of gasoline fraction of Hungarian crudes. Promoters studied repress cracking and increase formation of

181723

HUNGARY/Chemistry - Liquid Fuels (Contd) 1951

aromatics. Highest yield of aromatics obtained with Al - Mo catalysts without promoters, equal yield with Al - Cr catalysts combined with K or Ce promoters. Promoters do not change active surface, but act by increasing number of active centers and changing absorption equil.

181723

RABO G.

181T24

HUNGARY/Chemistry - Catalysts

1951

"Data on the Arrangement of the Active Centers of Chromia-Alumina Catalysts," in English, J. Varga, G. Rabo, P. Steingassner, Inst Chem Tech, U Tech Sci, Budapest

"Acta Chimica Acad Sci Hungaricae" Vol I, No 1, pp 146-148

Conducted expts to prove that cluster arrangement of Cr - Al catalysts, whose surface decreases with increasing Cr₂O₃ content, depends on character of catalyst and carrier. Surface decrease with increasing concn of Cr₂O₃ made from

181T24

HUNGARY/Chemistry - Catalysts (Contd)

1951

chromic acid and from ammonium chromate was the same, showing that clusters form during drying, ignition, or subsequent reduction, independently of initial material. Detd size of clusters directly by measuring surface area of MoO₃ catalysts, which behave similarly.

181T24

RABO G.

~~By~~ RABÓ, Gy.

✓ Possibilities for utilizing asphaltic mineral oils. J.

Varga, Gy. Rabó, and A. Székely (Versuchsinst. Hochdruckforsch., Budapest). *Acta Chim. Acad. Sci. Hung.* 5, 443-51 (1955) (in German) (English summary).—Asphalts and other high-mol. materials in petroleum are converted to oils by hydrogenation in the liquid phase at moderate pressures through H transfer from Tetralin. Little coke formation is obtained at the pressures used, and the S content is reduced. Hydrogenation is carried out at 450° and 70 atm. pressure by using a space velocity of 0.6 kg./hr. and gas velocity of 2 cu. m. of synthesis gas/kg. of charge. Treatment of a Nagyinyel mineral oil with the following sp. gr., % distd. <325°, distn. residue, % S, and asphalt content; 0.921 (70°), 21.1, 77.8, 3.56, and 14.90, resp., yields a product with, resp., 0.950 (25°), 69.6, 40.5, 1.8, and 7.5. A slight further improvement in yield and quality of product can be obtained by carrying out the reaction in the presence of a catalyst used in the hydrogenation of coal tar (activated charcoal impregnated with an Fe compd.).

Joseph E. P. Apellaniz

RABO, Gy.

0.
0.
0.

✓ The thermodynamics of hydrogen-transfer reactions pro-
posed by Gy. Rabó and A. Székely (Inst. Chem. Acad.

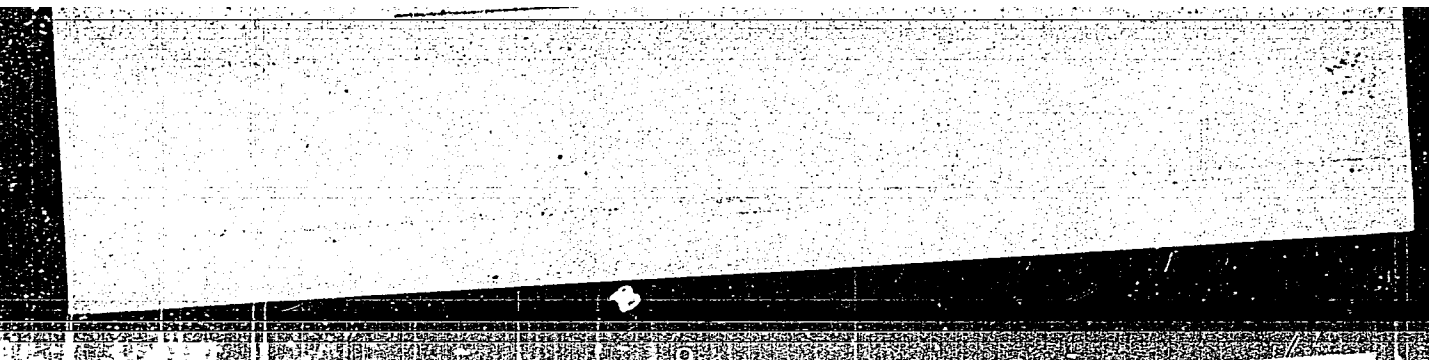
RABO, G.

Thermal decomposition of natural oils containing asphalt in the presence of diluents and hydrogen. J. Varga, G. Rabo, and ~~Exper-~~
~~chim. hung.~~ 1956, 10, 245-259. — the decomposition of

3

"APPROVED FOR RELEASE: Tuesday, August 01, 2000

CIA-RDP86-00513R001343



APPROVED FOR RELEASE: Tuesday, August 01, 2000

CIA-RDP86-00513R0013438

RABO, Gy.

fuel

Thermal cracking of asphaltic petroleum in presence of diluents and hydrogen. J. Varga, Gy. Rabó and A. Zalai (*Brennst. Chemie.* 1956, 37, 244-251). The S-rich (3.5%) petroleum from Nagylengyel, Hungary, could not be hydrogenated directly without blockages due to coking. In 1 : 1 mixture with tetrahydronaphthalene (I) it was hydrogenated at 70 atm./450° in a 3 : 1 H₂-N₂ mixture, mainly at the expense of the I, leaving naphthalene in the products. An alkaline Fe₂O₃ active C catalyst, and still more an increased pressure (300 atm.) promoted the hydrogenation. The proportion of distillate at 1 atm./325° was increased by the treatment from ~21% to ~70%.
A. R. PEARSON.

3

gm mx

RABO, Gy

S

Treatment of hard asphalt-containing oils, Nagynyo-
 mású Kísérleti Intézet (Ilgel Varga, Gyula Lábó, András
 Zalai, and Pál Steingassner, inventors). Ger. (East) 14-
 805, June 9, 1958 (Cl. 230, 1a). Lignite low-temp. tars,
 coal tars, hard asphalt-contg. crude oils, or other hard as-
 phalt-contg. oils are mixed with addnl. hydrocarbons in such
 a ratio that the components boiling up to 350° amount to 30-
 80% of the mixt. The mixt. is then treated with H at 425°
 and 10-70 atm., fluidized catalysts of weak hydrogenation
 effect being used. Under these reaction conditions, the addnl.
 oils must be present mainly in the gas phase; their amt. de-
 pends on the asphalt, H, and high- or medium-boiling oil
 content of the starting material and on the degree of hard-
 asphalt decompn. The catalysts used are natural or coke-
 facial silicates, Al₂O₃, and especially powd. charcoal or coke
 activated with Fe₂O₃. The reaction product may pass
 through 2 or more reactors. Thus, 100 kg. crude oil of d₄
 0.924, contg. 20.6% by wt. hydrocarbons boiling up to 325°,
 3.6% S, and 14.4% hard asphalt was mixed with 100 kg.
 oils, b. 107-205°; d₄ 0.816. The mixt. was introduced into
 a tube reactor with 2 cu. m. gas contg. 70% H and 4 g. char-
 coal-Fe₂O₃ catalyst and heated to 440°. The pressure was
 70 atm.; the space velocity 0.6 kg./l./hr., referred to the
 vol. of a 2nd reactor which is connected to the 1st one. The
 reaction product was continuously removed, cooled, and a
 ppt. recovered and worked up in the usual manner. After
 of 100 kg. addnl. oils, 80 kg. product was obtained,
 70 kg. b. up to 350° and 20 kg. b. >350°. Nearly 90%
 of the hard asphalt and 90% of the total S were converted.
 K. Schneider

II
Y

SOV-107-58-4-15/57

AUTHOR: Rabc, N. (Riga)

TITLE: We Propose (My predlagayem)

PERIODICAL: Radio, 1958, Nr 4, p 13 (USSR)

ABSTRACT: Riga radio amateurs have not mastered the 144-146 mc and 420-425 mc bands, as was shown at the 1957 "Field Day". All clubs ultrashort wave sets should therefore work on three bands - 38-40, 144-146 and 420-425 mc to afford practice to the operators. Constructors should bear this requirement in mind.

1. Radio--USSR 2. Radio operators--Training

Card 1/1

AUTHOR: Rabo, N. SOV-107-58-9-8/38

TITLE: In Nr 17 School, Riga (V rizhskey shkole No. 17)

PERIODICAL: Radio, 1958, Nr 9, p 9 (USSR)

ABSTRACT: The activities of the radio club at the Nr 17 School, Riga, are described with particular reference to their work in connection with reception of signals from Sputnik Nr 3. There is 1 photo.

1. Radio operators--USSR 2. Satellite vehicles--Communication systems

Card 1/1

RABO, N.

The girls working in the "VEF" factory. Radio no. 3:6 Mr '63.
(MIRA 16:2)

(Radio industry)

RAEOACA, Gh.

Mechanization of hard work and that which necessitates a great deal
of exertion. Probleme econ 14 no.10:98-113 '61.

VEINER, P., candidat in stiinte economice; RABOACA, Gh.

On determination of the mechanization and automation level in industry.
Probleme econ 16 no.2:121-133 F '63.

RABOACA, Gh.

The rhythmic carrying out of the production plan. Probleme
econ 16 no.3:32-44 Mr '63.

RABOACA, Gh.

Development of transport and distribution of production forces.
Probleme econ 17 no.1:84-97 Ja '64.

RABOCH, J.

Significance of nutrition on male fertility. Cas. lek. cesk.
90 no.24:730-735 15 June 1951. (CLML 20:9)

1. Of the Institute of Sexology of the Medical Faculty of
Charles University, Prague (Head--Prof. Jos. Hynie, M.D.).

RABOCH, J.

~~Possibilities of hormone therapy in male sterility.~~
Possibilities of hormone therapy in male sterility. Práv. lek., Praha
32 no.21:484-488 5 Nov 1952. (GLML 23:4)

1. Of the Institute of Sexology (Head--Prof. Josef Hynis, M.D.) of
Charles University, Prague.

RABOCH, Jan, MUDr.

Treatment of male sterility with gonadotropin preparations.
Cas. lek. cesk. 91 no.29:850-857 18 July 52.

1. Ze Sexuologickeho ustavu Karlovy university v Praze.
Prednosta: prof. MUDr. Hos. Hynie.
(STERILITY, MALE, therapy,
gonadotropins, pituitary.)
(GONADOTROPINS, PITUITARY, therapeutic use,
sterility, male.)

RABOCH, Jan, MUDr.; POPELKA, Stanislav, MUDr.

Agenesis of the vas deferens in male sterility; diagnosis by chemical examination of ejaculate. Cas. lek. cesk. 91 no.29: 857-861 18 July 52.

1. Zø Sexuologickeho ustavu Karlovy university v Praze; prednosta; Prof. dr. Josef Hynie. Z II. klinky pro orthopedii a detskou chirurgii; prednosta; Prof. dr. Hnevkovsky.

(VAS DEFERENS, abnormalities,
aplasia, causing sterility.)

(ABNORMALITIES,
aplasia of vas deferens, causing sterility.)

(STERILITY, MALE,
caused by aplasia of vas deferens & diag. by chem.
exam. of semen.)

(SEMN,
count, diag. of sterility caused by aplasia of vas
deferens.)

RABOCH, J.

3064. The quantitative determination of fructose in human semen. J. Raboch and J. Hradec (*Endocrinologia*, 105, 171-184).—One hundred and eighty one specimens of human semen were analysed photocolometrically for fructose by the Roe modification of the Selivanoff reaction but without deproteinisation. The specimen is kept in a calibrated vessel for 15 min. in a thermostat at 60° C. when the movement of the spermatozoa ceases. After thorough mixing, 0.1 ml is measured and diluted to 2.0 ml with distilled water. Resorcinol (2.0 ml of 0.1 per cent. soln. in 98 per cent. ethanol, and conc. HCl (6.0 ml) are added. The mixture is heated for 7 to 10 min. at 80° ± 0.5° C. cooled, and the colour is measured on a Klett-Summerson photocolorimeter against distilled water through a green No. 55 filter. Blank determinations are carried out in the same way without the semen. A 0.2 per cent. soln. of fructose is used for calibration.

C. E. SEARLE

RABOCH, Jan; HRADEK, Jan.

Quantitative determination of fructose in human semen. Cas lek
cs 93 no.15:383-390 Ap '54. (REAL 3:7)

1. Ze Sexuologickeho ustavu Karlovy university v Praze; prednosta
prof. Dr Jos. Hynis. 2. Z oddeleni pro klinickou chemii (prednosta:
prof. Dr J.Sula) pri II. ustavu pro lekarskou chemii Karlovy
university v Praze (prednosta: prof. Dr A.F.Richter)

(SEMEN,

*fructose, determ.)

(FRUCTOSE,

*in semen, determ.)

NEDOMA, K.; BARTAK, V.; RABOCH, J.; DANA, R.

Sexual life of sterile couples. Cas lek cs 93 no.15:390-394 Ap '54.
(REAL 3:7)

1. Ze Sexuologickeho ustavu lekar. fakulty K.V. v Praze, predn.
prof. MUDr J.Hynie a s lasenskych ustavu BON ve Frant. Lassich,
prim. MUDr R.Dana.

(SEXUAL BEHAVIOR,

*of sterile couples)

(STERILITY,

*sexual behavior of sterile couples)

Excerpta Medica Sec 9 Surgery Vol. 9/6 June 55

I. INFERTILITY

3238. RABOCH J. and ZÁHOŘ Z. Sexual. Úst., Karlova Univ., Praha II. path. anat. Úst., Karlova Univ., Praha. *Význam výživy pro mužskou plodnost. II. část: s hlediska biopsií varlat. The importance of nutrition for male fertility (Testis biopsies) ČAS. LÉK. ČES. 1954, 33/15 (406-412) Illus. 1

Examination of testicular biopsy specimens obtained from underfed patients, many of whom had been born during the war, revealed involution of the spermatogenic epithelium. Nutrition is most important for the development of the sexual organs during the first 2 yr. of life and during puberty. Bad social conditions and shortage of food lower male fertility.

Vlcek - Prague

RABOCH, Jan, MUDr

Effect of massive doses of testosterone propionate on spermatogenesis.
Cas. lek. cesk. 93 no.36-37:1013-1019 10 Sept 54.

1. Ze Sezuologickeho ustavu Karlovy university v Praze; prednosta:
prof. MUDr Jos.Hynie.

(STERILITY, MALE, therapy,
testosterone)

(TESTOSTERONE, therapeutic use,
sterility, male)

RABOCH, JAN

CZECH

A case of eunuchoidism with spermatogenesis. C. P. Fely and Jan Raboch (II. interní klin., Prague). *Casopis lékařů českých* 1947-50(1954).—Nearly unimpaired. *Libofa* *Czechoslovakia* demonstrated in a man with eunuch-

ethanol-labile acid phosphatase (or
in 24 hrs.), and luteinizing hormone. I. M. Hais

KUNC, Vaclav, MUDr; RABOCH, Jan, MUDr; HYNIE, Josef, MUDr

Surgical therapy of male infertility. Rozhl.chir. 34 no.1-2:87-92
Feb '55.

1. Z urologického oddeleni fakultni nemocnice II v Praze II, Sokolska
37 (prednosta doc. MUDr Vaclav Paces). Ze Sexuologickeho ustavu
Karlovy university v Praze (prednosta prof. MUDr Josef Hynie)
(STERILITY, MALE, surgery
vasoepididymcanastomosis)

RABOCH JAN

Sexual disorders following an implantation of a high dose of follicular hormone to a young man. Jan Raboch and Zdeněk Šláva (Sexuol. ústav, Prague). *Časopis Lékařů Českých* 94, 497-500(1955).—A serious case of acne conglobata was treated by an implantation of 160 mg. estradiol benzoate (1) in the form of pellets. Azospermia lasted for about 17 months after the implantation; after about 3 years normospermia was repeatedly found and a healthy son was born. Secretoric function of accessory glands was most depressed, and gynecomastia maximal occurred about 3 months after the implantation. 17-Ketosteroids in urine before implantation were 12 mg., 14 days after, 1.4 mg., 7 months 4.3 mg., 9 months 7.3 mg.; after about 3 years the values were again normal. Libido, erectile power, and orgasm were not affected by the implantation of I.

I. M. Hais

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RABOCH, Jan, MUDr.; ZAHOR, Zdenek

Fertility of cryptorchid men. Cas. lek. cesk. 9/4 no.30-31:
818-824 22 July 55.

1. Ze Sexulogického ustavu Karlovy university v Praze;
prednosta: prof. Dr. Josef Hynie. Z II. path. anatomickeho
ustavu Karlovy university v Praze; prednosta: prof. Dr.
V. Jedlicka.

(FERTILITY

cryptorchid males.)

(TESTES, abnormalities

cryptorchidism, eff. on fertility.)

ZAHOR, Zdenek, MUDr.; RABOCH, Jan, MUDr.

Contribution to the biopsy of the testes in cryptochrids.
Cas. lek. cesk. 94 no.30-31:829-833 22 July 55.

1. II. patholog. anatom. ustav, prednosta prof. Dr. V. Jedlicka,
Sexuologicky ustav, prednosta prof. Dr. J. Hynie.
(TESTES, abnormalities
cryptochridism, biopsy studies.)

RABOCH J.

EXCERPTA MEDICA Sec.5. Vol.10/2 Gen.Pathology Feb 57

469. RABOCH J. and ZÁHOV Z. Sexuol. Inst. der Karlsuniv., II. Pathol.-Anat. Inst. der Karlsuniv., Inst. für Organisation des Gesundheitswesens, Med. Fak., Prag. *Ein Beitrag zum Studium der inkretorischen Hodenfunktion bei Kryptorchismus. Contribution on the hormonal function of the testicles in cases of cryptorchism ENDOKRINOLOGIE 1956, 33/3-4 (160-169) Tables 5

Report on the results obtained in 67 men suffering from unilateral and 43 from bilateral forms of undescended testicle. Four cases were excluded from the final evaluation because they showed clinical evidence of an unmistakably decreased gonadal androgen production. An attempt was made to determine the incretory activity of the testicles in the following way: (1) determination of growth characteristics (age, height, weight, etc.); for purposes of comparison the findings obtained in 500 normal males with normal sperm production were taken. No significant differences were found, with the exception of a slight difference in height in cases of unilateral cryptorchism; (2) the average ejaculate volume in 400 normal males was compared with the average in cases of bilateral and unilateral cryptorchism; sexual abstinence was observed before the examination. The average volume of the ejaculate was invariably considerably larger in cases of bilateral cryptorchism. The values in unilateral cases were between those of the normal and those of the bilateral cases. Histological examination of biopsy specimen in 10 bilateral and 15 unilateral cases showed an increase in regressive Leydig cells in 15 cases. A detailed description is given of histopathological findings. (III, 5)

KUNC, V.; RABOCH, J.; ZARON, L.

Importance of testicular biopsy. Rozhl. chir. 35 no.1:15-20 Feb 56.

1. Z urologického oddeleni fakultni nemocnice v Praze II; přednosta:
doc. MUDr. V. Pacesík ze hematologického ústavu Karlovy university v
Praze; přednosta: prof. MUDr. J. Hynie; z II. patholog. anatom. ústavu
Karlovy university; přednosta: prof. MUDr. V. Jedlička.

(TESTES, pathol.
biopsy (Gr))

Raboch, J

✓ The influence of androgens on the bioelectric activity of the brain and the sexual processes in men. B. Drechsler, M. Kandrác and J. Raboch (Neurol. klin., Prague). *Československé lékařské časopis* 55, 54-51 (1958). — In 5 men (2 post-pubertal eunuchoids and 3 normal) the influence was studied of testosterone propionate (800 mg. total dose in 3 weeks) on the bioelec. activity of the brain, the fertility, and sexual life. Elec. encephalographic changes observed in both groups during the elevated level of androgen showed a higher excitatory state of the brain cortex and raised paroxysmal threshold of the central nervous system. Zentek

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RABOCH, Jan, MUDr.; ZAHOR, Zdenek, MUDr.

Incretory function of the testes in cryptorchidism. Cas. lek.
cesk. 95 no.22:588-593 1 June 56.

1. Ze sexuologickeho ustavu Karlovy university v Praze; prednosta
prof. Dr. Jos Hynie. Z II. patho anatomickeho ustavu Karlovy
university v Praze; prednosta: prof. Dr. V. Jedlicka, statisticke
zpracovani: MgMat. Vl. Maly. Z ustavu pro organizaci zdravotnictvi
lekarске fakulty; prednosta: prof. Dr. V. Prosek.

(TESTES, abnormalities,
cryptorchidism, testicular incretory funct. in (Cs))
(ABNORMALITIES,
same)

RABOCH, J. EXCERPTA MEDICA Sec 3 Vol. 12/8 Endocrinology Aug 58

1586. THIRTY-ONE MEN WITH FEMALE SEX CHROMATIN - Raboch J.
Sexol. Inst., Charles Univ., Prague - J. CLIN. ENDOCR. METAB. 1957, 17/12
(1429-1439) Tables 4

Some clinical and laboratory findings in 31 men with female-type sex chromatin (group I) were evaluated and a comparison made with the results of a similar investigation in 13 hypogonadotropic eunuchoids (group II) in whom the sex chromatin was of the male type. Differences were observed in certain growth measurements - lengths of the trunk and of the ulna, and biacromial and bitrochanteric distances - the size of the penis, the type of hair growth, and the development and course of sexual life. Obvious hypoplasia of the testes (long axis, 2 cm. or less) was found in all patients of both groups. In 11 of the 31 patients in group I, testicular biopsy showed a histopathological picture regarded as typical for the so-called Klinefelter syndrome; in 8 of the 13 hypogonadotropic eunuchoids in group II the picture was that of pre-pubertal testes. The quantity of spermatic fluid in patients of group I ranged from 0 to 7.9 ml.; in approximately half the cases the amount was less than 1.5 ml. In group II there was always less than 1.5 ml. of ejaculate. (III, 1, 5)

RABOCH, Jan; NEDOMA, Karel

Sex chromatin & sexual behavior. Cesk. psychiat. 53 no.6:371-376 Dec 57.

1. Sexuologický ústav KU v Praze. J. R., Praha 2, Karlovo nám. 32.

(SEXUAL CHARACTERISTICS,

sex chromatin, eff. on sexual behavior (Cz))

(CHROMOSOMES

same)

(SEXUAL BEHAVIOR

eff. of sex chromatin (Cz))

RABOCH, Jan; MALY, Vladimir

Somatometric findings in men with disorders of somatosexual development. Sborn. lek. 59 no.5:139-154 May 57.

1. Sexuologický ústav fakulty všeobecného lékařství Karlovy university v Praze, přednosta prof. MUDr. Jos. Hynie, Ústav organizace zdravot. níctví lékařské fakulty Karlovy university v Praze, přednosta prof. MUDr. V. Pronek.

(ANTHROPOMETRY

of sterile men with normal genital develop. & of eunuchoid men (Cz))

(EUNUCHOIDISM

anthropometry of eunuchoid men (Cz))

(STERILITY, MALE

anthropometry of sterile men with normal genital develop. (Cz))

EXCERPTA MEDICA Sec.9 Vol.12/5 Surgery May 1958

RABOCH J.

3048. SOME FACTORS INFLUENCING THE SECRETORY ACTIVITY OF ACCESSORY SEXUAL GLANDS IN MEN - Některé faktory ovlivňující sekretorickou aktivitu přídatných pohlavních žláz u mužů - Raboch J. Sexuol. Ust., Karlovy Univ., Praha - ČAS. LEK. ČES. 1957, 96/15 (468-471) Graphs 1 Tables 2

A comparison was made of the average values of ejaculate volumes on 129 patients, in whom biopsy of the testes showed that azoospermia was of an obstructive, mostly inflammatory, origin (group I) and values in 120 patients whose azoospermia was of testicular origin (group II) with those in a third group in which palpatory findings in the genitals and all semen values were normal (group III). The ejaculates were classified in groups according to the number of days of sexual continence before examination (3 to 10 days). A total of 501 specimens from group I, 413 from group II, and 633 from group III were statistically analysed. The average volume of the ejaculate in patients with obstructive azoospermia was always lower and in those with azoospermia of testicular origin always higher than in normal men. This may be explained by changes of mainly inflammatory origin in obstructive azoospermias, and to altered hormonal conditions in the organism of those patients with azoospermia of testicular origin.

JIRASEK, Jan; RABOCH, Jan

Sex chromatin in males with abnormal somatosexual development.
Cas. lek. cesk. 96 no.21:653-657 24 May 57.

1. Embryologicky ustav Karlovy university v Praze; prednosta
prof. MUDr. Z. Frankenberger Sexuologicky ustav Karlovy
university v Praze; prednosta prof. MUDr. Josef Hynie.
J.J., Praha 2, Albertov 4.

(SEX CHARACTERISTICS,

sex chromatin in males with somatosexual abnorm.
(Cz))

EXCERPTA MEDICA Sec 9 Vol 13/6 Surgery June 59

3424. AN UNUSUAL CASE OF FERTILITY IN A EUNUCHOID - Raboch J.
Charles Univ., Prague - INT. J. FERTIL. (M \acute{e} x.) 1958, 2/4 (337-340)

A report is given of fertility in a eunuchoid treated for several months with methyl-
testosterone. The wife conceived at the time of his treatment and bore a healthy
infant. (IX, 10*)

RABOKH, Ya. [Raboch, J.], ZAGORZH, Z. [Zahor, Z], FAYKS, Ch. [FELIX, C]. (Praga)

Testicular biopsy in endocrine disorders [with summary in English].
Probl.endok., 1 gorn. 4 no.3:78-87 My-Je '58 (MIRA 11:8)

1. Iz Seksologicheskogo instituta (dir. - prof. Y.Giniye), II-go
Patologoanatomicheskogo instituta (dir. - prof. V.Yedlichka) i 2-y
terapevticheskoy kliniki (zav. - prof. F. Gerles) Karlova universiteta.

(TESTICLE, pathology,

biopsy in endocrine dis. (Rus))

(ENDOCRINE DISEASES, pathology,

testicular biopsy (Rus))

RABOCH, Jan; KOS, Mir

Artificial insemination & its indications. Cesk. gyn. 23 [37] no.7:
520-523 Oct 58.

1. Sexbologicky ustav KU v Praze, predn. prof. Dr. Jos. Hynie--Gyn.-por.
odd. v Praze-Bubenci.
(INSEMINATION, ARTIFICIAL
indic. (Cz))

RABOCH, Jan

An unusual case of fertility in a eunuchoid. *Cesk. gyn.* 23[37] no.7: 562-563 Oct 58.

1. Sexuologicky ustav LFKU v Praze, prednosta prof. dr Jos Rynie.

(EUNUCHOIDISM, ther.

methyltestosterone, unusual case with successful pregn. in wife (Cz))

(TESTOSTERONE, related cpds.

methyltestosterone ther. of eunuchoidism, unusual case with successful preg. in wife (Cz))

(PREGNANCY

successful pregn. in wife of eunuchoid treated with methyltestosterone, unusual case (Cz))

NEDOMA, Karel; RABOCH, Jan

Sexual development & personality of 2 males with a female nuclear structure. Cesk. psychiat. 54 no.5:298-302 Oct 58.

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(EUNUCHOIDISM, psychol.

personality & sexual activity, case reports (Cz))

(HERMAPHRODITISM, case reports

female pseudohermaphroditism, personality & sexual activity (Cz))

(PERSONALITY

of female pseudohermaphrodite, case reports (Cz))

(SEXUAL BEHAVIOR

FIAIA, Jiri; RABOCH, Jan

Paper electrophoresis of proteins in human ejaculate. Cas. lek. cesk.
97 no.6-7:240-245 14 Feb 58.

1. Oddeleni klinicke chemii lekarske fakulty Karlovy university v Praze,
prednosta prof. Jan Sala. Sexuologicky ustav Karlovy University v Praze,
prednosta prof. Jos. Hynie.

(SEMEN

proteins, paper electrophoresis (Cz))

(PROTEINS, determ.

in semen, paper electrophoresis (Cz))