

MICHALOWICZ-WOJCZYNSKA, Ewa

Renal venous thrombosis in children. Pediat. pol. 37 no.9:935-942
S '62.

1. Z I Kliniki Chorob Dzieci AM w Warszawie Kierownik: prof. dr med.
R. Baranski.
(RENAL VEINS) (THROMBOPHELEBITIS)

157 AND 158 CODES

PROCESSES AND PROPERTIES INDEX

159 AND 160 CODES

21

ca

Synthetic lubricating oils Janina Michalska.
Przemysl Chem. 8, 854-82 (1948).—The chem. structure
 and its influence on the properties of lubricating oils are
 described and the principal chem. processes used in the
 manuf. of synthetic lubricating oils are reviewed.
 Frank Gonet

COMMON ELEMENTS

161-164 CODES

165-168 CODES

169-172 CODES

173-176 CODES

177-180 CODES

181-184 CODES

185-188 CODES

189-192 CODES

193-196 CODES

197-200 CODES

201-204 CODES

205-208 CODES

209-212 CODES

213-216 CODES

217-220 CODES

221-224 CODES

225-228 CODES

229-232 CODES

233-236 CODES

237-240 CODES

241-244 CODES

245-248 CODES

249-252 CODES

253-256 CODES

257-260 CODES

261-264 CODES

265-268 CODES

269-272 CODES

273-276 CODES

277-280 CODES

281-284 CODES

285-288 CODES

289-292 CODES

293-296 CODES

297-300 CODES

301-304 CODES

305-308 CODES

309-312 CODES

313-316 CODES

317-320 CODES

321-324 CODES

325-328 CODES

329-332 CODES

333-336 CODES

337-340 CODES

341-344 CODES

345-348 CODES

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353-356 CODES

357-360 CODES

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369-372 CODES

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389-392 CODES

393-396 CODES

397-400 CODES

401-404 CODES

405-408 CODES

409-412 CODES

413-416 CODES

417-420 CODES

421-424 CODES

425-428 CODES

429-432 CODES

433-436 CODES

437-440 CODES

441-444 CODES

445-448 CODES

449-452 CODES

453-456 CODES

457-460 CODES

461-464 CODES

465-468 CODES

469-472 CODES

473-476 CODES

477-480 CODES

481-484 CODES

485-488 CODES

489-492 CODES

493-496 CODES

497-500 CODES

501-504 CODES

505-508 CODES

509-512 CODES

513-516 CODES

517-520 CODES

521-524 CODES

525-528 CODES

529-532 CODES

533-536 CODES

537-540 CODES

541-544 CODES

545-548 CODES

549-552 CODES

553-556 CODES

557-560 CODES

561-564 CODES

565-568 CODES

569-572 CODES

573-576 CODES

577-580 CODES

581-584 CODES

585-588 CODES

589-592 CODES

593-596 CODES

597-600 CODES

601-604 CODES

605-608 CODES

609-612 CODES

613-616 CODES

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621-624 CODES

625-628 CODES

629-632 CODES

633-636 CODES

637-640 CODES

641-644 CODES

645-648 CODES

649-652 CODES

653-656 CODES

657-660 CODES

661-664 CODES

665-668 CODES

669-672 CODES

673-676 CODES

677-680 CODES

681-684 CODES

685-688 CODES

689-692 CODES

693-696 CODES

697-700 CODES

701-704 CODES

705-708 CODES

709-712 CODES

713-716 CODES

717-720 CODES

721-724 CODES

725-728 CODES

729-732 CODES

733-736 CODES

737-740 CODES

741-744 CODES

745-748 CODES

749-752 CODES

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757-760 CODES

761-764 CODES

765-768 CODES

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801-804 CODES

805-808 CODES

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821-824 CODES

825-828 CODES

829-832 CODES

833-836 CODES

837-840 CODES

841-844 CODES

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849-852 CODES

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877-880 CODES

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901-904 CODES

905-908 CODES

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937-940 CODES

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1005-1008 CODES

1009-1012 CODES

1013-1016 CODES

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1021-1024 CODES

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1117-1120 CODES

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1125-1128 CODES

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1193-1196 CODES

1197-1200 CODES

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1497-1500 CODES

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1797-1800 CODES

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1897-1900 CODES

1901-1904 CODES

1905-1908 CODES

1909-1912 CODES

1913-1916 CODES

1917-1920 CODES

1921-1924 CODES

1925-1928 CODES

1929-1932 CODES

1933-1936 CODES

1937-1940 CODES

1941-1944 CODES

1945-1948 CODES

1949-1952 CODES

1953-1956 CODES

1957-1960 CODES

1961-1964 CODES

1965-1968 CODES

1969-1972 CODES

1973-1976 CODES

1977-1980 CODES

1981-1984 CODES

1985-1988 CODES

1989-1992 CODES

1993-1996 CODES

1997-2000 CODES

2001-2004 CODES

2005-2008 CODES

2009-2012 CODES

2013-2016 CODES

2017-2020 CODES

2021-2024 CODES

2025-2028 CODES

2029-2032 CODES

2033-2036 CODES

2037-2040 CODES

2041-2044 CODES

2045-2048 CODES

2049-2052 CODES

2053-2056 CODES

2057-2060 CODES

2061-2064 CODES

2065-2068 CODES

2069-2072 CODES

2073-2076 CODES

2077-2080 CODES

2081-2084 CODES

2085-2088 CODES

2089-2092 CODES

2093-2096 CODES

2097-2100 CODES

2101-2104 CODES

2105-2108 CODES

2109-2112 CODES

2113-2116 CODES

2117-2120 CODES

2121-2124 CODES

2125-2128 CODES

2129-2132 CODES

2133-2136 CODES

2137-2140 CODES

2141-2144 CODES

2145-2148 CODES

2149-2152 CODES

2153-2156 CODES

2157-2160 CODES

2161-2164 CODES

2165-2168 CODES

2169-2172 CODES

2173-2176 CODES

2177-2180 CODES

2181-2184 CODES

2185-2188 CODES

2189-2192 CODES

2193-2196 CODES

2197-2200 CODES

2201-2204 CODES

2205-2208 CODES

2209-2212 CODES

2213-2216 CODES

2217-2220 CODES

2221-2224 CODES

2225-2228 CODES

2229-2232 CODES

2233-2236 CODES

2237-2240 CODES

2241-2244 CODES

2245-2248 CODES

2249-2252 CODES

2253-2256 CODES

2257-2260 CODES

2261-2264 CODES

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2969-2972 CODES

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2989-2992 CODES

2993-2996 CODES

2997-3000 CODES

3001-3004 CODES

3005-3008 CODES

3009-3012 CODES

3013-3016 CODES

3017-3020 CODES

3021-3024 CODES

3025-3028 CODES

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1066. NEW METHODS FOR IMPROVEMENT OF LUBRICATING OILS. Michalowska, J. (Nafta, 1949, vol. 5, 24-28; abstr. in Chem. abstr., 1949, vol. 43, 219).

Literature and patents on pour depressants, viscosity-index improvers, anti-oxidants, extreme-pressure agents, and oiliness carriers are reviewed.

P. J. A.

*Chemistry + Chemical
Technology*

536 421 4 621 891 27
539
Michalowska J. Manufacture of Products Lowering the Freezing
Point of Lubricating Oils.
(Oczyszczanie produktów obniżających temperaturę krzepnie-
cia olejów smarowych) Przemysł Chemiczny No 2 3 1950 pp
120 124, 4 tabs

Products lowering the freezing point of lubricating oils were
obtained through condensation of chloroparaffin with aromatic hy-
drocarbons in the presence of $AlCl_3$. Methods of chloroparaffin
production and special preparation for the condensation process
are described. The Parafflow type product thus obtained is, in a
quantity of 0.5 - 1%, added to lubricating oils. Results of lowering
the melting point of a number of oils are presented.

CA

72

Anticorrosion additives for lubricating oils. J. Michalski, *Environ. Chem.* 6(20), 12-20(1983). — The theory of corrosion and the chemistry of various kinds of inhibitors are reviewed.
Frank Gossel

22

CA

Additives for lowering the melting point of lubricating oils.
J. Michalski and Henryk Chm. 6(20), 120-4 (1930). —
Preparation of additives of the "Paraffin-type" by the con-
densation of chloroparaffins with aromatic hydrocarbons is
described. The addition of 0.5-1.0% of the condensation
product to different lubricating oils lowered the m.p.
around 20° Frank Conet

BA
B-1

Synthetic core adhesives. J. Michalski and J. Kinschowski
(J. Polym. Sci., 1963, 6, 189-202). Of 8 synthetic adhesives
for metal bonding, the most promising was chlorinated quaternary oil.
The oil trickles down a Ni-plated Fe tube against a current of
Cl₂, both preheated to 80°, at rates of flow giving a product con-
taining 30-35% of Cl. The temp. should not exceed 140°. Air is
blown into the chlorinated oil at 200° until the desired η and d
(usually 3-4° Engler and 1.050-1.080) are achieved.
R. Tausch.

MICHALOWSKA, J.

Polish Technical Abst.
No. 4, 1953
Chemistry and Chemical
Technology

2435

532.133:542.952.7:547.313.4:621.892.5

Michalowska J. Isobutylene Polymers as Products Raising
the Viscosity Indicators of Lubricants.

Polimery izobutyleno jako produkty podwyższające
wskazniki lepkościowe olejów smarowych. Przemysł
Chemiczny. No. 1, 1953, pp. 36-40, 1 fig., 7 tabs.
(Bul. Plac. Nauk. Bad. Min. Przem. Chem.).

A method of obtaining isobutylene polymers of a molecular
weight of from 25000 to 40000 capable of increasing
the viscosity indicators of lubricants is described.
The methods of molecular weight of determination of the
products obtained are outlined, and the results of
investigation over the efficiency of their influence
on different kinds of lubricants are given.

5-21-54

mef

MICHALOWSKA, J.

Lubricants from chlorinated Fischer-Tropsch Kogasin.
Michalowska, *Przemysl Chem.* 3, 150-3(1953).—
Chlorinated Kogasin, regardless of the degree of chlorination, is light-yellow to black, but the color has no effect on the properties of the lubricants. The chlorination is a photochem. reaction, and there is no connection between the rate and the degree of chlorination. The pour point decreases proportionally with increased degree of chlorination. The lower the degree of chlorination, the higher is the viscosity index. To obtain lubricants having high viscosity index and low pour point, Kogasin should be chlorinated to a Cl content of 20-30%. Gene A. Wozny

MICHALOWSKA, J.

Polysulfone rubber, J. Michalska, *Proced.*
Chem. 9, 10-84 (1963) (English translation) Review with
14 references. Gene A. Wiley

2 May
MA
SW

MICHALOWSKA, J.

Influence of the quality of oil on the wear of a motor. p.91. (TECHNIKA MOTORYZACYJAN,
Warszawa, Vol. 5, No. 3, Mar. 1955)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, June 1955, Uncl.

MICHALOWSKA, J.

Fuel oils. p. 15^R.

MOJORYZACJA. Warszawa. Vol. 10, no. 5, May 1955.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 3, March 1956.

POLAND/Chemical Technology - Processing of Natural Gases and
Petroleum. Motor and Rocket Fuels. Lubricants.

H-23

Abs Jour : Ref Zhur - Khimiya, No 24, 1958, 82993

Author : Michalowska, J.

Inst :

Title : The Volume, Organization and Technique of Investigation
of Fuel and Oils in the USSR.

Orig Pub : Techn. matoryz., 1958, 8, No 3, 83-88.

Abstract : No abstract.

Card 1/1

MICHALOWSKA, J.

POLAND / Chemical Technology. Chemical Products and H-23
Their Applications. Chemical Processing of
Natural Gases and Petroleum. Motor and Rocket
Fuel Lubricants.

Abs Jour: Ref Zhur-Khimiya, No 3, 1959, 9798.

Author : Michalowska, J.

Inst : Not given.

Title : A Review of Methods for Mechanical Testing of
Oils for Driving Gears.

Orig Pub: Techn. Motoryz., 1958, 8, No 6, 242-245.

Abstract: A brief description and evaluation of methods
for testing oil by stages: 1) laboratory tests
by the use of 4-ball-apparatus, Timken, Falex
and SAE apparatuses; 2) methods copying con-
ditions of use in gear transmission, ball-bear-
ing, etc.; 3) laboratory-highway tests to de-

Card 1/2

MICHALOWSKA, Janina, mgr. inz.

Lubrication of combustion engines in the light of the technological achievements. Przegl techn 79 no.6:209-211 Mr '58.

MICHALOWSKA, Janina, mgr. inz.

The influence of Bardahl upon the working time of combustion engines. Przegl techn 79 no.13:594-595 Je '58.

S/081/62/000/018/040/059
B166/B16C

AUTHOR: Michałowska, Janina

TITLE: The use of radioisotopes for studying the antifriction properties of lubricating oils

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 18, 1962, 454, abstract 18M216 (Pierwsze krajowe sympoz. zastosowań izotopów techn., Rogów, 8-12 czer., 1960. Warszawa, no. 41, 1961, [Pol.; summaries in Rus. and Eng.])

TEXT: Techniques are given for using radioisotopes to study the oiliness of mineral oils on a laboratory installation and in an automobile engine. The advantages and disadvantages of this method of evaluation are enumerated, and it is shown that it is particularly suitable for the conditions of operation applicable to the motor transport pool of the Polish People's Republic. 19 references. [Abstractor's note: Complete translation.]

Card 1/1

MIKHAILOVSKII, Canina, rgr 12.

Oil in the combustion engine. Motor 11 no.45:7 11 "12."

MICHALOWSKA, J., mgr inz.

Please, notice what to use for lubrication and what to lubricate.
Motor 11 no.48:7 2 D '62.

MICHALOWSKA, Janina, mgr inz.

Fluids for automobile coolers. Motor 11 nc.49:6 9 D '62.

MICHALOWSKA, J., mgr ins.

Please, notice what to use as lubricants and what to lubricate.
Motor 11 no.52:6, 7 30 D '62.

MICHALOWSKA, J., mgr inz.

Please, notice what and with what to lubricate; changes of the properties of the motor oil. Motor 12 no.1:7 6 Ja '63.

MICHALOWSKA, J., mgr inz.

Please, notice what to use as lubricants and what to lubricate;
sediments in combustion engines. (10) Motor 12 no.3:7 20 Ja
'63.

BRZOSKO, Witold; MICHALOWSKI, Adam

A case of generalized cytomegalic inclusion disease.
Pediat. polska 31 no.12:1363-1369 Dec 56.

1. Z Zakładu Anatomii Patologicznej A.M. w Warszawie
Kierownik: prof. dr. med. L. Paszkiewicz, ul. Chalubinskiego
5.

(VIRUS DISEASES
inclusion dis., case report)

GARBNER, Mieczyslaw; MICHALOWSKI, Adam

Primary cancer of the liver in connection with the observation of two cases of that disease. Polski tygod. lek. 13 no.9:306-311 3 Mar 58.

1. (Z IV Kliniki Chorob Wewnętrznych A.M. w Warszawie; kierownik; prof. dr Z. Askanaś i z Zakładu Anatomii Patologicznej A.M. w Warszawie; kierownik: prof. dr L. Paszkiewicz) Warszawa, Ociski 6, IV Klin. Chor. Wewn. A.M.

(LIVER NEOPLASMS, case reports
primary cancer (Pol))

SZCZYGIEL, Bruno; ZAWADOWSKI, Jerzy; MICHALOWSKI, Adam

Remote results of ligation of the hepatic artery in dogs. Polski
tyg.lek.15 no.8:281-285 22 F '60.

1. Z Zakladu Chirurgii Doswiadczalnej P.A.N. w Warszawie; kierow-
nik: doc.dr.med. Jan Nielubowicz.
(HEPATIC ARTERY physiol.)

JASINSKA, Janina; MICHALOWSKI, Adam

The effect of radiation and chemotherapy on the incorporation of thymidine into the cells of Ehrlich carcinoma and rat bone marrow in vitro. Nowotwory 12 no.4:321-324 '62.

1. Z Zakładu Izotopowego Instytutu Onkologii w Warszawie Kierownik:
prof. dr med. W. Jasinski Dyrektor: prof. dr med. W. Jasinski.
(RADIATION EFFECTS) (ANTINEOPLASTIC AGENTS) (THYMIDINE)
(CARCINOMA, EHRLICH TUMOR) (BONE MARROW) (DNA) (NEOPLASM)

1974 - Term 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847,

1. S. Krawców, Katedra Chemii, Zakład Chemii Fizycznej, Uniwersytet
im. J. Piłsudskiego w Warszawie. Kierownik: prof. dr. hab. J. Jędrzejko.

MADALINSKI, Kazimierz; BPTOSKI, Witold; NOWOSIAWSKI, Adam;
MICHALOWSKI, Adam; JASINSEA, Janina

Studies on phytohaemagglutinin. I. The identity of agglutinating
and mitogenic fractions. Med. dosw. mikrobiol. 17 no.2:173-177
'65.

1. Z Pracowni Patologii Państwowego Zakładu Higieny w Warszawie
(Kierownik: dr. med. A. Nowosiawski) i Zakładu Radiobiologii
Instytutu Onkologii w Warszawie (Kierownik: dr. med. A. Micha-
lowski).

MICHALOWSKI, Adam; JASINSKA, Janina; BRZOSKO, Witold J.; NOWOSLAWSKI, Adam

Studies on phytohaemagglutinin. II. Cellular localization of phytohemagglutinins in human leucocyte cultures by immunohistochemical methods. Med. dosw. mikrobiol. 17 no.2:179-183 1965.

1. Z Zakladu Radiobiologii Instytutu Onkologii w Warszawie (Kierownik: dr. med. A. Michalowski) i Pracowni Patologii Panstwowego Zakladu Higieny w Warszawie (Kierownik: dr. med. A. Nowoslowski).

MICHALOWSKI, B.

Leon Wernic. Przegl. dermat. 4 no.1:1-3 Ja-F '54.
(OBITUARIES,

*Wernic, Leon)

MICHALOWSKI, Bohdan; GUTAKER, Mirosława

Oral therapy of dermatomycoses with griseofulvin. (Preliminary communication. Przegl.derm.,Warsz. 47 no.2:111-112 Mr-Apr '60.

1. Z Oddziału Dziecięcego Skorno-Wenerycznego Szpitala Miejskiego nr 2 w Warszawie. Ordynator: prof.dr B. Michalowski.

(DERMATOMYCOSIS ther.)

(GRISEOFULVIN ther.)

MICHALOWSKI, Bohdan; BANASZKIEWICZ, Henryk; CHOWANIEC, Olena

Treatment of mycoses with griseofulvin. Przegl. dermat. 48 no.3:201-219 '61.

1. Z Oddziału Dziecięcego Skorno-Wenerologicznego Szpitala Miejskiego nr 2 w Warszawie. Ordynator: prof. dr B. Michalowski.

(GRISEOFULVIN ther) (DERMATOMYCOSIS ther)

MICHALOWSKI, Bohdan

A bullous form of erythroderma ichthyosiforme congenita. Przegl.
derm. 49:81-84 '62.

1. Z Oddz. Dziecięcego Skorno- Wenerologicznego Szpitala Miejskiego
w Warszawie Ordynator: prof. dr B. Michalowski.
(ICHTHYOSIS)

MICHALOWSKI, Bohdan; BANASZKIEWICZ, Henryk; CHOWANIEC, Olena

A case of congenital ecodermal disorders similar to Rothmund-Werner syndrome. Przegl. dermat. 49 no.2:121-126 '62.

1. Z Oddziału Skorno-Wenerologicznego Dziecięcego Szpitala Miejskiego nr 2 w Warszawie. Dyrektor i ordynator: prof. dr B. Michalowski.

(TELANGIECTASIS) (CATARACT) (PIGMENTATION DISORDERS)
(PROGERIA)

MICHALOWSKI, B.

In memoriam. Stefan Omiecinski, M.D. Przegl. dermat. 51
no.2:249-250 Mr-Ap '64.

MICHALOWSKI, Bohdan; ZAWADZKA, Maria; LAWRYNOWICZ, Edmund

An unusual case of onychomycosis in an infant. Przegl. derm.
51 no.3:257-261. Wy-Je '64

1. Z Oddziału Dermatologii Dziecięcej Szpitalu Miejskiego
No.2 w Warszawie (Ordynator: dr. M. Zawadzka; Konsultant:
prof. dr. B. Michalowski) oraz z Pracowni Analitycznej
Szpitalu Miejskiego No.2 w Warszawie (Kierownik: dr. R. Lawrynowicz).

MICHAŁOWSKI, E.

"Postępowanie w urazach narządów moczopłciowych" (Procedure in lesion of urinary-sexual organs), by E. Michałowski. Reported in New Books (Nowe Książki), No. 14, July 15, 1955

MICHALOWSKI, E.; MODELSKI, W.

Operative therapy of hydronephrosis due to obstruction of uretero-pelvic junction. *Postepy chir.* 3:85-108 1956.

1. Z Oddzialu Urologicznego Szpitala A.M. w Krakowie Ordynator
prof. dr. med. E. Michalowski.

(HYDRONEPHROSIS, etiol. & pathogen.

obstruct. of uretero-pelvic junction, surg., technics
(Pol))

(URETERS, dis.

obstruct. of uretero-pelvic junction causing hydronephrosis,
surg. & technics (Pol))

(KIDNEY PELVIS, dis.

same)

MICHALOWSKI, Emil; MODELSKI, Wojciech

Subcapsular nephrectomy with the use of a loop instrument.
Polski przegl. chir. 28 no.2:189-194 Feb 56.

1. Z Oddziału Urologicznego Państ. Szpitala Klinicznego
w Krakowie. Ord.: doc. dr. E. Michalowski Krakow, ul.
Grzegorzewska 18.

(KIDNEYS, surg.

nephrectomy, subcapsular, use of loop instrument.

(SURGERY, OPERATIVE, appar. and instruments

loop instrument for subcapsular nephrectomy.

MICHALOWSKI, Emil

Transversal incision of the renal pelvis (pyelotomia post. transversalis). Polski przegl. chir. 28 no.6:579-580 June 56.

1 Z Oddziału Urologicznego P.S.K.A.M. w Krakowie, Krakow, ul. Grzegorzewska 18.

(KIDNEYS, calculi,
surg., transversal pyelotomy (Pol))

MICHALOWSKI, Emil

Lateral flap incision of the anterior urethra in the treatment of its stricture. Polski przegl. chir. 28 no.6:581-584 June 56.

1. Z Oddziału Urologicznego P.S.K.A.M. w Krakowie.
(URETHRA, stenosis,
surg. in male (Pol))

MICHALOWSKI, Emil

~~CONFIDENTIAL~~

So-called phalloplasty in neoplasms of the penis. Polski
przeł. chir. 28 no.11:1143-1148 Nov 56.

1. Z Oddziału Urologicznego P.S.K. A.M. w Krakowie. Krakow,
ul. Grzegorzewska 18.

(PENIS, neoplasms

surg., phalloplastic technic (Pol))

EXCERPTA MEDICA Sec.9 Vol.12/4 1957 April 1958

2387. OPERATIVE TREATMENT OF STENOSIS OF THE ANTERIOR URETHRA -
Le traitement opératoire des rétrécissements de l'urèthre antérieur -
Michalowski E. Serv. d'Urol., Acad. de Méd., Cracovie - J. UROL.
MED. CHIR. 1957, 63/1-2 (26-34) illus. 12

The operation is based on the principle established by Duplay for the cure of hypospadias: the canal is spontaneously restored if in the subcutaneous space a flap of skin or mucosa is left which becomes the centre of epithelialization of the future canal. The value of external urethrotomy in the treatment of stenosis has been well known since the time of Syme. Attention is drawn to the fact that the gap in the urethra formed after longitudinal section of the canal must be covered by a healthy and well vascularized skin flap. It is believed that the method of 'urethrotomy with covering by a skin flap' is very suitable for the treatment of extensive and multiple stenoses of the anterior urethra. The report is based on 7 cases with satisfactory results.

EXCERPTA MEDICA Sec 10 Vol 12/4 Obstetrics Apr 59

694. TOTAL URETHRAL PLASTY - Über totale Harnröhrenplastik - Micha-
lowski E. Urol. Abt., Klin. Krankenh., Kraków - ZBL. GYNÄK. 1958,
80/44 (1714-1717) Illus. 2

In 6 cases of complete loss of the urethra the following operative techniques were applied: (1) plastic repair with a pedicled flap from the anterior vaginal wall gave unsatisfactory results; it was only in a case of large urethral fistula that a flap from the labium majus proved efficacious. (2) Interposition of the uterus was twice done successfully and once with partial success. Other cases failed, because the uterine fundus retracted upward behind the symphysis. (3) Occlusion of the bladder with construction of an infra-symphyseal tunnel with a free epidermal graft (two-stage operation) led to subsequent stenosis of the canal, and occasionally to total occlusion. (4) In one case, a modification of the last-mentioned method was applied, with a double-pedicled flap taken from the left labium majus. The upper pedicle was situated next to the clitoris, the lower one near the posterior commissure. After the wound had healed, the lower pedicle was ligated, at first for a few minutes and then gradually longer, so as to force the flap to adapt itself to vascularization from the upper pedicle only. The main operation was done almost 5 weeks later. A tunnel was made under the symphysis under digital control, the finger being introduced into an existing cystostomy opening. The lower pedicle of the flap was cut and 2 sutures were attached to the free end, which were then used to pull the flap through the canal, and sutured to the cystostomy opening, through which the urine was drained. No catheter was inserted into the new canal. Two weeks later, the outer orifice was widened with a small pedicled skin flap sutured into an incision, because the opening tended to become occluded. Four weeks later the cystostomy was closed. The results, anatomical and functional, were excellent.

Quispel - Schiedam

MICHALOWSKI, Emil: MODLISKI, Wojciech

Partial excision of the kidney. Polski przegl. chir. 32 no.5:
453-458 My '60.

1. Z Oddziału Urologicznego P. S. K. A. M. w Krakowie, Ordynator:
prof. dr. E. Michlaowski.
(NEPHRECTOMY)

MICHALOWSKI, Emil; OSZACKI, Jan

Thorace-abdominal surgical approach to the kidney. Polski
przegl. chir. 32 no.5:465-467 My '60.

1. Z Oddziału Urologicznego; Kierownik: prof. dr. E. Michalowski;
2. Z II Kliniki Chirurgicznej A. M. w Krakowie, Kierownik: doc.
dr. J. Oszacki.

(NEPHRECTOMY)

(ADRENALECTOMY)

MICHALOWSKI, E.

Stricture of the reconstructed urethra in hypospadias. Acta chir.
plast. 4 no.3:246-247 '62.

1. Urologische Abteilung des Klinischen Krankenhauses, Krakow (Polen)
Vorstand: Prof. Dr. E. Michalowski.
(HYPOSPADIAS) (URETHRAL STRICTURE)

MICHALOWSKI, E. MODELSKI, W.

On the surgical treatment of male epispadias. Acta chir. plast. 4
no.4:326-328 '62.

1. Urologische Abteilung des Klinischen Krankenhauses, Krakow (Polen)
Vorstand: Prof. Dr. E. Michalowski.
(EPISPADIAS)

MICHALOWSKI, Emil; MODELSKI, Wojciech

Suction drainage in urological surgery. Polski przegl. chir. 34 no. 6a:
543-545 '62.

1. Z Oddziału Urologicznego AM w Krakowie Kierownik: prof. dr
E. Michalowski.

(UROLOGY surg)

(DRAINAGE)

MICHALOWSKI, J.

A plant producing prefabricated concrete elements at Lossebaude near Dresden.

I. 36. (RUDOWNICTWO PRZEMYSLOWE) (Warszawa, Poland) Vol. 7, no. 1, Jan. 1958

30: Monthly Index of East European Accession (MIEA) Vol. 7, No. 1, 1958

MICHALOWSKI, J.

Isolated groups of protected species of mountainous amphibians in Poland. p. 23.

CHRONMY PRZYRODE OJCZYSTA. (Panstwowa Rada Ochrony Przyrody)
Krakow. Vol. 15, no. 1, Jan./Feb. 1959
Poland

Monthly List of East European Accessions Index (EEAI), LC, Vol. 8, no. 6, June 1959
Uncl.

SITKOWSKI, Wacław; TURSKI, Czesław; MICHALOWSKI, Jacek

Attempted characterization of anatomical changes in the mitral valve. *Polski tygod. lek.* 15 no.30:1140-1142 25 J1 '60.

1. Z Oddziału Chirurgicznego Instytutu Gruslicy w Warszawie;
ordynator: prof. dr med. L.Manteuffel; dyrektor Instytutu
Gruslicy: prof. dr med. W.Jaroszewicz
(MITRAL STENOSIS pathol)

TURSKI, Czesław; SITKOWSKI, Wacław, Jr.; MICHALOWSKI, Jacek

Bronchopleural fistula as a complication of pulmonary resection:
its causes and prevention. Gruzlica 28 no.8:661-664 2g '60.

1. Z Oddziału Chirurgicznego Instytutu Gruzlicy Kierownik:
prof. dr med. L. Manteuffel i z Sanatorium Przeciwegrzelicznego w
Rudce Dyrektor: dr med. Z. Sładkowski
(BRONCHIAL FISTULA etiol.)
(PNEUMONECTOMY compl.)

SITKOWSKI, Wacław; TURSKI, Czesław; MICHAŁOWSKI, Jacek

Instrumental commissurotomy in mitral stenosis. Polski przeł.
chir. 32 no.12:1183-1186 '60.

1. Z Oddziału Chirurgicznego Instytutu Gruslicy Ordynator: prof.
dr L. Manteuffel Dyrektor Inst. Gruslicy: prof. dr W. Jarešzewicz.

(MITRAL STENOSIS surg)

NOWICKI, Jan; JUSTYNA, Mieczyslaw; MICHALOWSKI, Jacek; SITKOWSKI, Wacław, jr.,
SERAFIN, Roman; SZAGINSKI, Walerian; PACOCHA, Wiesław; TURSKI,
Czesław; MANTEUFFEL-SZOEGL, Leon

Clinical use of Crafoord-Senning's apparatus for extra-corporeal
circulation. Polski przegl. chir. 3 no.7/9:1040-1043 '61.

1. Z Oddziału Chirurgicznego Instytutu Gruźlicy w Warszawie
Kierownik: prof. dr L. Manteuffel-Szoegel.
(HEART MECHANICAL)

SILKOWSKI, Wacław, jr.; JUSTYŃA, Mieczysław; MICHAŁOWSKI, Jacek; WASNIEWSKA, Maria; WARDA, Barbara; GRUNDMAN, Jerzy; NOWICKI, Jan; MANTAU-SZÖGE, Leon

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prof. dr L. Mantau-Szöge
(HEART MECHANICAL)

MANTEUFFEL-SZOEGE, Leon; NOWICKI, Jan; MICHALOWSKI, Jacek; GRUNDMAN, Jerzy;
TURSki, Czeslaw; PACOCHA, Wieslaw; SITKOWSKI, Wacław; SZAGINSKI,
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prof. dr L.Manteuffel.
(BLOOD PRESSURE) (HYPOTHERMIA INDUCED)

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(VASCULAR SURGERY) (WOUNDS AND INJURIES)

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Kierownik: prof. dr L. Manteuffel.

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Kierownik Oddziału: prof. dr L. Manteuffel.

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(HEART SURGERY) (HEART, MECHANICAL)

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med. W. Jaroszewicz.

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✓ Temperature measurement of air and flue gases in open-hearth furnaces by means of section thermocouples. M. Michalowski. *Prace Inst. Hutnic.* 18, 147-51 (1966).
A discussion of the operating principles of a section thermocouple and its application to the measurements of temp. of hot gases in open-hearth furnaces. The construction of an app. which gives the most reliable results is described. The temp. of the hot gases in industrial furnaces can be measured accurately only by means of a section thermocouple.
M. Solominacsky

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18(5)

AUTHORS:

Mikulski, Jan, and Michałowski: Metall. Masters of Engineering POL/79-59-7/8-4/24

TITLE:

Changes in the Output and Heat Consumption of Open-Hearth Furnaces During Inter Repair Periods

PERIODICAL:

Hutnik, 1959, Nr 7-8, pp 271-276 (POL)

ABSTRACT:

In a previous article (Hutnik, 1959, Nr 2) the authors showed that it is especially profitable to overload an open-hearth furnace in the early stages of an operating period since output is then highest and unitary heat consumption lowest. The purpose of the present article is to see how these indices change in order to determine when it is most profitable to bank and repair a furnace in view of the fact that output is falling off and heat consumption increasing. The factor which decides when a furnace is to be banked is of course the state of its lining. But in practice, many furnaces continue operating uneconomically when the production plan has not been achieved. The results summarized in this article are based on figures compiled

Card 1/3

POL/39 59-7/8-4/24

Changes in the Output and Heat Consumption of Open-Hearth Furnaces
During Inter-Repair Periods

over 2 and 1/2 years with respect to a number of open-hearth furnaces with capacities ranging from 50 to 370 tons. Figures 1, 2 and 3 show the results of these observations for furnaces of 50, 100 and 370 tons respectively. The thicker lines show the beginning and end of periods of operation, the figures show the output and heat consumption indices respectively with the average for the period being taken as 100, the shaded areas represent major overhauls and the arrows minor repairs. Figures 4 and 5 show output and heat consumption fluctuations for a 70 ton and a 100 ton furnace respectively over a period of almost 5 months, the continuous line representing output and the dashes heat consumption. On the basis of these observations, the authors reach the following conclusions: the phase of maximum output and minimum heat consumption comes towards the end of the first or at the beginning of the second month of a period of operation. Minor or "cold" repairs significantly improve the furnace's

Card 2/3

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Changes in the Output and Heat Consumption of Open-Hearth Furnaces
During Inter-Repair Periods

POL/39-59-7/8-4/24

work, increasing output and decreasing heat consumption. Shortening of the respective periods of operation increases overall average output. As shown in table 1, the highest average output is achieved with 3-month periods of operation. The authors make one important reservation: the heat used up in firing the furnace after banking and repairs has not been taken into account. Hence the figures given for heat consumption are not entirely accurate, since furnace firing is in general an important and non-productive loss of heat. There are 9 graphs and 2 tables.

ASSOCIATION: Zjednoczenie hutnictwa zelaza i stali - Katowice
(Central Board of Ferrous and Steel Metallurgy - Katowice) (Mikulski); Instytut metalurgii zelaza - Gliwice
(Institute of Ferrous Metallurgy - Gliwice) (Michałowski)

Card 3/3

18(5)

POL/79-26-1-1/10

AUTHOR:

Michalowski, Maciej, and Mikulski, Jan, Engineers

TITLE:

An Attempt to Determine Mathematically the Dependence Between the Productive Capacity of Open Hearth Furnaces and their Consumption of Thermal Units on the One Hand and the Degree of Furnace Supercharging on the Other

PERIODICAL:

Hutnik, 1959, Vol 26, Nr 2, pp 18-63 (Poland)

ABSTRACT:

In this article, an attempt is made to show the mathematical dependence between the productive capacity of open hearth steel furnaces and their consumption of thermal units on the one hand and the degree of furnace supercharging on the other. The experiments were directed by the authors on furnaces with capacities of 50 and 100 tons. During a period of 18 weeks, it is shown by the aid of drawings that the productive capacity of furnaces of that size depends on the weight of the charges. With the 50 ton furnace in good condition, a maximum production capacity of 64 to 66 tons and in bad condition of 61 to 63 tons was reached. Being in good condition, the 100 tons

Card 1/3

POL/39-26-2-2/10

An Attempt to Determine Mathematically the Dependence Between the Productive Capacity of Open Hearth Furnaces and their Consumption of Thermal Units on the One Hand and the Degree of Furnace Supercharging on the Other

furnace simultaneously raised its production capacity equally with the rise in weight of the charges to the highest possible load. The experiments had the following results: 1) Higher charge weights result in a higher productive capacity (tons/hour) of the furnace. In some furnaces, productive capacity rises only to a certain amount of the charge weight; 2) The rise in weight of the charges decreases the consumption of thermal units (kcal/ton). It could not be established whether supercharging would be negative to the consumption of thermal units; 3) A comparison of the experimental results of both quoted dependencies is possible only with similar technical conditions of the furnaces; 4) The most rational method for a mathematical pick-up of the above-mentioned dependence will be the percentage of the change in productive capacity and consumption of thermal units in comparison to 1% of the change in weight of the charges. This will

Card 2/3

POL/33-26-2-2/10

An Attempt to Determine Mathematically the Dependence Between the Productive Capacity of Open Hearth Furnaces and their Consumption of Thermal Units on the One Hand and the Degree of Furnace Supercharging on the Other

show mathematically correctly, what output capacity may be expected of the furnace; 5) Furnace overload pays best during the first phase of the experiment (Tables 1 and 2 and Figs. 7 and 9), as the change in productive capacity and consumption of thermal units in comparison to the change of the charge weights is highest during this time. The lower the condition of the furnace, the smaller the advantages of furnace supercharging or overload. The article only mentions some of the problems of furnace overload. There are 6 diagrams, 3 graphs and 2 tables

ASSOCIATION: IMZ, Gliwice, ZHZS, Katowice

Card 3/3

MIKHALOWSKI, Maciej; GEBLICHKA, Adzislav

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