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FARYNOWA-KOBUSZEWSKA, Maria; JANCZEWSKI, Antoni; LAPINSKI, Zdzislaw;  
SZCZEPANSKI, Czeslaw.

So-called pseudoleukemia (pseudoleucaemia gastrointestinalis).  
Polski tygod.lek. 10 no.44:1443-1451 31 Oct 55.

1. Z Zakladu Anatomii Patologicznej A.M. w Warszawie; kierownik: prof.  
dr. L.Paszkiwicz; z Zakladu Radiologii Lekarskiej A.M. w Warszawie;  
kierownik: prof. dr. W.Zawadowski; z I Kliniki Chirurgicznej A.M. w  
Warszawie; kierownik: prof. T.Butkiewicz, z II Kliniki Chorob Wewne-  
trznych A.M. w Warszawie; kierownik: prof. dr.M.Semeran-Siemianowski.  
Warszawa, ul. Nobla 27 m.6.

(GASTROINTESTINAL SYSTEM, neoplasms,  
pseudoleukemia)  
(HODGKIN'S DISEASE,  
pseudoleukemia, gastrointestinal)

LAPINSKI, Zdzislaw; SCHLEIFER, Leon; PAK-CZU-SON

Surgical complications of digestive amebiasis. Polski tygod. lek.  
11 no.24:1062-1067 11 June 56.

1. Z I Klin. Chirur. Akad. Med. w Hamhynie, KRLD; p.o. kier. Klin.  
doc. dr Zdzislaw Lapinski, Warszawa, ul. Kopernika 11 m. 23.  
(AMEBIASIS, INTESTINAL, complications,  
surg. (Pol) )

LAPINSKI, Zdislaw

Cancer of the colon; data of the First Surgical Clinic of the  
Academy of Medicine in Warsaw. Polski przegl. chir. 28 no.8:  
759-761 Aug 56.

1. Warszawa, ul. Kopernika 11 m. 23.  
(COLON, neoplasms,  
hosp. statist. (Pol))

LAPINSKI, Zdzislaw

~~Surgical~~ therapy of myasthenia gravis. Polski przegl.chir. 31  
no.11:1237-1242 N '59.

1. Z I Kliniki Chirurgicznej A. M. w Warszawie Kierownik: prof.  
dr T. Butkiewicz.

(MYASTHENIA GRAVIS surg)

LAPINSKI, Zdzislaw: RUDOWSKI, Witold

Outline of surgery in Warsaw. Warsaw Schools of surgery. Polski  
przepl.chir. 32 no.8/9:761-783 '60.

(SURGERY hist)

(SCHOOLS MEDICAL hist)

LAFINSKI, Zdzislaw; RUDOWSKI, Witold

Warsaw surgical periodicals. Polski przegl.chir. 32 no.8/9:825-826  
'60.

(PERIODICALS)  
(SURGERY)

LAPINSKI, Zdzisław

Abdominal syndrome following adhesion of the omentum to epigastric surgical scars. Polski przegl. chir. 33 no.10:1131-1138 '61,

1. Z II Kliniki Chirurgicznej AM w Warszawie Kierownik: doc. dr Z.Lapinski.

(ABDOMEN surg) (OMENTUM dis) (ADHESIONS)

POLAND

SIERPINSKI, Maciej, Second Surgical Clinic (II Klinika Chirurgiczna) (Director: Docent, ~~Dr. med. Z. LAPINSKI~~), AM [Akademia Medyczna, Medical Academy] in Warsaw

"Liver Abscess as a Complication of Amebiasis."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 26, 24 Jun 63, pp 951-952

Abstract: [Author's English summary] Author reports results of treatment of 629 patients with amebiasis of the digestive tract in the Congo. Diodochine or Vioform were administered. In cases of ulcerative colitis, emetine hydrochloride, chlortetracycline, vitamins, and Carbason were given. Clorchine was administered in 19 cases of hepatitis due to amebiasis. One patient, with a liver abscess due to amebiasis, had the abscess cavity drained surgically. The patient was given 0.25 g of Aralen twice daily for 25 days after the operation, and discharged cured after 30 days. There are 4 references, one Polish and 3 Western.

1/1



LAPINSKI, Zdzislaw

The danger complications in antibiotic therapy of undiagnosed cases of acute appendicitis. Pol. tyg. lek. 18 no.43:1600-1602 21 0'63.

1. Z II Kliniki Chirurgicznej AM w Warszawie; kierownik: prof.dr.med. Zdzislaw Lapinski).

\*

LAPINSKI, Zdzislaw

Hypertension in the system of lymphatic vessels. Pol. przegl  
chir. 36 no.7:933-935 Je '64.

1. Z II Kliniki Chirurgicznej w Warszawie (Kierownik Kliniki:  
prof. dr Z. Lapinski).

MOGILEVSKIY, E.R., prof.; TSUKERMAN, G.Ya., dotsent; LAPINSKIY, A.A. (Stalingrad)

Rational use of the vectorcardioscope. Klin.med. 37 no.7:  
96-97 J1 '59. (MIRA 12:10)

1. Iz kafedry fakul'tetskoy terapii (zav. - prof.E.R.Mogilevskiy)  
Stalingradskogo meditsinskogo instituta.  
(HEART)

LAPINSKIY, A.A.

Modification of the arrangement and regulation of the time recorder in the vectorelectrocardioscope of I.T. Akulinichev's system. Klin.med. 38 no.1:135-137 Ja '60. (MIRA 13:10)  
(VECTORCARDIOGRAPHY)

DEMOCHEV, H.V., inzh.; LAPINSKIY, A.N., inzh.

Using pneumatic cement loaders in loading gypsum into railroad  
cars. Stroim. mat. 5 no.12:28-29 D '59. (MIRA 13:3)  
(Loading and unloading)  
(Gypsum--Transportation)

BEZRUKOV, V.I.; SANATINA, V.N.; LAPITSKIY, A.V.; VLASOV, I.G.; KRYLOV, Ye.I.

Magnetic properties of potassium salts of niobium heteropolyacids.  
Zhur. neorg. khim. 10 no.1:272-275 Ja '65. (MKhA 18:11)

1. Submitted Sept. 16, 1963.

LAPINSKIY, I.

LAPINSKIY, I., inzhener; BER, B., inzhener.

Refrigeration equipment in the State Department Store. Khol.  
tekh. 31 no.2:52-56 Ap-Je '54. (MIRA ???)

(Refrigeration and refrigerating machinery)

LAPINSKIY, I.; BORMINSKIY, N.; LESHCHINSKIY, A.

New warehouse for storing fruit. Sov. torg. 36 no.1:55-57  
Ja '63. (MIRA 16:2)

(Moscow--Fruit--Storage)  
(Warehouses)



LAPINSKIY, L., inzh.

Urgent problems in expanding and strengthening building materials  
production for rural construction. Stroi. mat. 4 no. 6:4-7 Je '58.  
(MIRA 11:7)

(Building materials)

LAPINSKIY, L.F.;BORACHUK, V.S.

Operations of Vinnitsa Seed Processing Plant. Sakh.prom. 33  
no.12:55-57 D '59. (MIRA 13:4)

1.Vinnitskiy semennoy saved.  
(Vinnitsa--Seed industry) (Sugar beets)

SHABALIN, A.A.; GANZHA, V.Ya., inzh.; NIKOL'SKIY, V.A. [deceased];  
LAPINSKIY, L.G., inzh.; IVANKOV, A.G.; SMOL'YAKOV, R.T.;  
TURYANSKIY, G.M.; SHMIDT, N.E.; GREBTSOV, P.P., red.;  
MAKHOVA, N.N., tekhn. red.; BALLOD, A.I., tekhn. red.

[Handbook for the state farm construction worker] Spravochnik sovkhoznogo stroitelia. Moskva, Sel'khozizdat, 1962.  
598 p. (MIRA 15:9)  
(State farms) (Construction industry)

LAPINSKIY, L.G., inzh.; MERKULOV, Ye.Ye., inzh.; PASHCHENKO, I.N.,  
inzh.; YAKUNIN, V.I., inzh.; GOLUBEVA, I.A., red.; POLESKAYA, S.M., tekhn. red.

[Structural cementing materials] Stroitel'nye rastvory.  
Moskva, 1959. 22 p. (MIRA 14:5)

1. Russia (1923- U.S.S.R.) Ministerstvo sel'skogo kho-  
zyaystva. Normativno-issledovatel'skaya stantsiya.  
(Plaster) (Mortar)

LAPINSKIY, M. YU.

PHASE I BOOK EXPLOITATION

SOV/5059

Moscow. Vsesoyuznyy nauchno-issledovatel'skiy instrumental'nyy institut

Vysokoproizvoditel'nyye konstruktsii protyazhek i ikh ratsional'naya ekspluatatsiya (Highly Productive Broach Constructions and Their Efficient Operation) Moscow, Mashgiz, 1960. 119 p. Errata slip inserted. 4,800 copies printed.

Ed. (Title page): M. N. Larin, Doctor of Technical Sciences, Professor; Tech. Ed.: G. Ye. Sorokina; Managing Ed. for Literature on Metalworking and Machine-Tool Making: V. I. Mitin, Engineer.

PURPOSE: This book is intended for engineers and technicians concerned with the design and use of broaches.

COVERAGE: The book deals with requirements for achieving high labor efficiency through the proper use of broaches. In this connection the following main topics are discussed: 1) modern designs of broaches for efficient methods of broaching; 2) selection of broaching regimes to ensure desired surface finish and accuracy

Card ~~1/8~~

## Highly Productive Broach Constructions (Cont.)

SOV/5059

of broached part; 3) data on plant standards for wear and scraping of broaches; and 4) data on reconditioning of broaches, etc. The sharpening and heat treatment of broaches, and the measurement of their geometric parameters are also discussed. The causes of abnormal functioning of broaches and measures for their correction are reviewed on the basis of experience gained by leading Soviet and non-Soviet factories. Problems in organizing the inspection of the broaching operation are also considered. The work on which this book is based was carried out in the laboratory for metal cutting of the Vsesoyuznyy nauchno-issledovatel'skiy instrumental'nyy institut (VNII) (All-Union Instrument Scientific Research Institute) in cooperation with other institutions and advanced plants (NIITavtoprom [Technological Scientific Research Institute of the Automobile Industry], ChTZ [Chelyabinsk Tractor Plant], ZIL [Plant imeni Likhachev], and others). The chapters were written as follows: Chapters I and IV, by M. N. Larin, Professor, and M. P. Tsyganova, Engineer; Ch. II, by M. Yu. Lapinskiy, Engineer, and P. G. Katsev, Candidate of Technical Sciences; Ch. III, by L. K. Petrosyan,

~~Card 2/8~~

Highly Productive Broach Constructions (Cont.)

SOV/5059

Candidate of Technical Sciences, and L. G. Dibner, Engineer; and Ch. V, by A. D. Martynov, Candidate of Technical Sciences. There are 36 references, all Soviet.

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Highly Productive Broach Constructions (Cont.)

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LAPIONOV, YE

7604 LAPIONOV, YE. Zapasnyye chasti k neftyanomu oborudovaniyu. Katalog. M., Gostoptekhizdat, 1955. 22 sm. (M-vo. neft. prom-sti SSSR. Gos. soyuznyy trest << Soyuznefteburmash remont >>)  
Oborudovanie dlya bureniya skvazhin. Kryuki pod"yemnyye KRSH 2-130, 2K-130, 2KM-130, 1-KP-75 (Avt: Skripnik, P., Lysehkovskiy P., Lapionov, Ye. Bogdasarov, T, i Asaturov N.) 19 (5) s. s ill. 2.000 ekz. 1 r. 40 k. (55-4207) 622.323.0025 (085)

SO: Knizhnaya LeTopis, Vol. 7, 1955

LAPINSKIY, Yo.I., inzh.; TIKHONOV, L.P., inzh.

DET-250 Diesel-electric tractor. Mekh. stroi. 18 no.5:7-11  
My '61. (MIRA 14:7)

1. Chelyabinskiy traktornyy zavod.  
(Tractors)

LAZURENKO, S.R., inzh.; LAPINSKIY, Ye.I., inzh.; CHUDAKOV, V.D., inzh.

Analyzing the comparative studies of industrial tractors. Trakt. i  
sel'khoz mash. no.7:13-14 J1 '64. (MIRA 18:7)

1. Chelyabinskiy traktorny zavod.

LAPIR, F.A., laureat Stalinskoy premii; BAUMAN, V.A., kandidat tekhnicheskikh nauk, retsenzent; VALUTSKIY, I.P., inzhener, redaktor; MATVEYEVA, Ye.N., tekhnicheskiiy redaktor

[Automatic concrete-mixing plants] Avtomatizirovannyye betono-smesitel'nyye ustanovki. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. i sudostroit. lit-ry, 1953. 91 p. (MLRA 7:8)  
(Concrete)

LAPIR, F.A.

BOTVINKO, M.Ye., laureat Stalinskoy premii, inzhener; GIRSKIY, V.A., laureat Stalinskoy premii, inzhener; GORBATOV, N.A., laureat Stalinskoy premii, inzhener [deceased]; LAPIR, F.A., laureat Stalinskoy premii, inzhener; BROMBERG, A.A., professor, redaktor; ARSEN'YEV, A.A., kandidat tekhnicheskikh nauk; TOVSTOLUZHSKIY, N.I., redaktor; KOVALIKHINA, N.F., tekhnicheskiiy redaktor

[Concrete, asphalt concrete and rock crushing plants in road building; planned designs and standard equipment] Betonnye, asfal'tobetonnye i kamnedrobil'nye zavody na dorozhnom stroitel'stve; proektnye reshenia i tipovoe oborudovanie. Pod red. A.A.Bromberga. Moskva, Ministerstvo avtomobil'nogo transporta i shosseinykh dorog SSSR. Pt. 1. [Rock crushing, cement, and concrete plants and centers for the manufacture of concrete plates and reinforced concrete building units] Kamnedrobil'nye i tsementobetonnye zavody tsel'ni i bazy dlia izgotovlenia betonnykh plit i zhelezobetonnykh detalei. 1954. 160 p. [Microfilm]

(Concrete) (Asphalt concrete) (MLRA 7:10)  
(Stone, Crushed)

LAPIR, F.A., inzhener.

Modernized concrete mixers. Stroi.i dor.mashinostr. 1 no.10:16-21  
0 '56. (MLRA 9:11)  
(Mixing machinery) (Concrete)

LAPIR, F.A., inzhener.

Concrete mixing plants with forced mixing machinery. Stroi. i dor.  
mashinostr. no.2:8-9 F'57. (MLRA 10:3)  
(Concrete plants)



LAPIR, F. A.

ANTOSHCHENKO, I.M.; LAPIR, F.A.

Testing and operating the equipment used in standard cement  
storage facilities. Stroi.i dor.mashinostr. 2 no.7:27-29  
Jl '57. (MIRA 10:7)

(Cement--Storage)

GIRSKIY, Vladimir Andreyevich; LAPIR, Flaviy Al'bertovich; SUSNIKOV, Aleksandr Alekseyevich; OGIYEVICH, V.A., kand. tekhn. nauk, retsenzent; KRIMMERMAN, M.N., inzh., red.; NIKITIN, A.G., red. izd-va; MODEL', B.I., tekhn. red.; EL'KIND, V.D., tekhn. red.

[Automatic concrete and mortar plants] Avtomatizirovannye betonnye i rastvornye zavody. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1958. 174 p. (MIRA 11:10)  
(Mixing machinery)(Automatic control)

SAPOZHNIKOV, M.Ya.; SILENOK, S.G.; ~~LAPIR, F.A.~~; POLOMEYEV, A.A.; GURVICH, E.A., red.izd-va; GILENSON, P.G., tekhn.red.; SOLNTSEVA, L.N., tekhn.red.

[Machinery and equipment for making building products] Mekhanicheskoe oborudovanie dlia proizvodstva stroitel'nykh izdelii. Pod red. M.IA.Sapozhnikova. Moskva, Gos.izd-vo lit-ry po stroit., arkhitekt. i stroit.materialam, 1958. 556 p. (MIRA 12:3)

1. Zaveduyushchiy kafedroy "Mashiny i oborudovaniye zavodov stroymaterialov" Vsesoyuznogo zaochnogo inzhenerno-stroitel'nogo instituta (for Sapozhnikov).  
(Construction industry--Equipment and supplies)

SUSHIKOV, Aleksandr Alekseyevich; KALACHEV, Valeriy Aleksandrovich;  
LAPIR, Flaviy Al'bertovich; ROZANOV, Nikolay Petrovich;  
POLOMSYEV, Aleksandr Alekseyevich; SHAGINOV, D.L., dotsent,  
retsensent; KOLDOMASOV, Ye.I., red.; DANILOV, L.N., red. izd-vs;  
MODEL', B.I., tekhn.red.

[Equipment for plants manufacturing reinforced-concrete products]  
Oborudovanie zavodov zhelezobetonnykh izdelii. Moskva, Gos.  
nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 209 p.  
(Precast concrete) (MIRA 13:12)

MAKAROV, Petr Aleksandrovich; TSEYTLIN, Yefim Solomonovich; LAPIR, F.A.,  
inzh., retsenzent; DUBASOV, A.A., inzh., red.; SMIRNOVA, G.V.,  
tekhn. red.

[Molding units for the manufacture of multihollow reinforced-  
concrete articles] Formovochnye ustanovki dlia proizvodstva mnogo-  
pustotnykh zhelezobetonnykh izdelii. Moskva, Gos. nauchno-  
tekhn. izd-vo mashinostroit. lit-ry, 1961. 172 p. (MIRA 14:9)  
(Reinforced concrete)

LAPIR, F., inzh.

Automatic manufacture of reinforced concrete articles of one type.  
Na stroi. Ros. no.8:16-18 Ag '61. (MIRA 14:9)  
(Precast concrete)

SILENOK, S.G.; FOLOMEYEV, A.A.; LAPIR, F.A.; GURVICH, E.A., red. izd-  
va; KASIMOV, D.Ya., tekhn.-red.

[Automation of the production of construction elements] Avtoma-  
tizatsiia proizvodstva stroitel'nykh izdelii. Moskva, Gosstro-  
izdat, 1962. 109 p. (MIRA 15:7)  
(Automation) (Building materials industry)

GORBOVETS, Mark Naumovich; MEKLER, A.G., kand. tekhn. nauk, retsen-  
zent; LAPIN, F.A., inzh., red.; OTDEL'NOV, P.V., inzh., red.  
izd-va; GORDEYEVA, L.P., tekhn. red.

[Automatic devices for recording the level of loose materials  
in containers] Avtomaticheskie ustroistva dlia registratsii  
urovnia sypuchikh materialov v emkostiakh. Moskva, Mashgiz,  
1962. 102 p. (MIRA 15:12)

(Level indicators)



LAPIR, F.A.; SUSNIKOV, A.A.; SHAGINOV, D.L., dots.; OGIYEVICH, A.I.,  
kand.tekhn.nauk,retsensent; IONOV,P.M.,inzh.,red.; SMIRNOVA,G.V.,  
tekhn.red.

[Mechanical equipment of plants manufacturing precast reinforced  
concrete elements; atlas of technical drawings]Mekhanicheskoe  
oborudovanie zavodov sbornykh zhelezobetonnykh izdelii; atlas  
konstruktsii. Pod red. D.L.Shaginova. Moskva, Mashgiz, 1962.  
128 p. (MIRA 15:12)

(Concrete plants--Equipment and supplies)

SHTROM, Vladimir Vladimirovich; SAPOZHNIKOV, M. Ya., kand. tekhn. nauk, retsenzent; LAPIR, F. A., inzh., red.; OTDEL'NOV, P. V., inzh., red. izd-va; GORDEYEVA, L. P., tekhn. red.

[Machinery and equipment for the production of thermal insulating building materials and elements] Mashiny i oborudovanie dlia proizvodstva teploizolatsionnykh stroitel'nykh materialov i izdelii. Moskva, Mashgiz, 1962. 133 p. (MIRA 16:2)

(Insulation (Heat))

(Building materials industry---Equipment and supplies)

TSEYTLIN, Yefim Solomonovich; KOLODZIY, Iosif Ivanovich; LAPIR, F.A.,  
nauchnyy red.; TYUTYUNIK, M.S., red.; DORODNOVA, L.A., tekhn.  
red.

[The concrete placer and molding equipment operator] Mashinist  
betonoukladchika i formovochnogo oborudovaniia. Moskva, Prof-  
tekhizdat, 1962. 277 p. (MIRA 16:3)  
(Concrete plants--Equipment and supplies)

LAPIR, F.A., inzh.

New series of machinery and equipment for precast reinforced  
concrete. Stroi. i dor. mash. 7 no.5:17-21 My '62. (MIRA 15:5)  
(Precast concrete)

KORELIN, Dmitriy Sergeevich; LAPIR, Flaviy Al'bertovich; LOLEYT,  
Roman Arturovich; MAKOVITSKIY, B.K., nauchnyy red.;  
KROMOSHCH, I.L., red.izd-va; MCHALINA, Z.S., tekhn.red.

[Assembly of the technological equipment of construction  
industry enterprises] Montazh tekhnologicheskogo oborudovaniia  
predpriatii stroitel'noi industrii. Moskva, Gosstroizdat,  
1963. 230 p. (MIRA 16:10)  
(Construction industry--Equipment and supplies)

LAPIR, F.A., inzh.

Reviews. Stroi. i dor. mash. 8 no.3:37-38 Mr '63.

(MIRA 18:5)

LAPIR, F.A.; SAPOZHNIKOV, M.Ya., kand. tekhn. nauk, prof.,  
retsenzent

[Equipment and means for automating the manufacture of  
concrete and reinforced concrete] Oborudovanie i sredstva  
avtomatizatsii dlia proizvodstva betona i zhelezobetona.  
Moskva, Izd-vo "Mashinostroenie," 1964. 232 p.

(MIRA 17:5)

BORONIKHIN, Anatoliy Sergeyevich; GRIZAK, Yuriy Semenovich;  
IAPIR, F.A., kand. tekhn. nauk, nauchn. red.

[Fundamentals of the automation of production processes and checking and measuring instruments used in the enterprises of the building materials industry] Osnovy avtomatizatsii proizvodstva i kontrol'no-izmeritel'nye pribory na predpriyatiyakh promyshlennosti stroitel'nykh materialov. Moskva, Stroiizdat, 1964. 374 p.

(MIRA 18:2)



LAPIR G.M.  
AID Nr. 976-5 24 May

EFFECT OF JOULE HEAT ON DESTRUCTION OF SUPERCONDUCTIVITY BY  
A CURRENT (USSR)

Berkovich, S. Ya., and G. M. Lapir. Zhurnal eksperimental'noy i teoretiche-  
skoy fiziki, v. 44, no. 4, Apr 1963, 1329-1332. S/056/63/044/004/030/044

The distortion of the curve representing the dependence of the resistance of a superconductive cylindrical specimen on temperature and current as a result of liberation of Joule heat has been investigated. Experimental observation was made possible by transforming the dependence of R on  $(T, I)$  into dependence on  $(T_B, I)$ , where  $T_B$  is the measurable temperature of a helium bath. Experiments with several tin specimens were performed in He I and He II. The results obtained were used to explain the deviation of experimental data given in the literature from those calculated by the London formula.

[JA]

Card 1/1

L 65151-65 EWI(1)/EWA(h) GG

ACCESSION NR: AP5021613

UR/0286/65/000/013/0088/0088

AUTHORS: Berkovich, S. Ya.; Lapir, G. M.; Forish, N. N.; Chapliy, V. I.

TITLE: Superconducting switching element. Class 42, No. 172554

14  
B

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 13, 1965, 88

TOPIC TAGS: switch, rectifier, superconductor, electric circuit, electric current

ABSTRACT: This Author Certificate presents a superconducting switching element with a rectifier and a control circuit (see Fig. 1 on the Enclosure). To increase the coefficient of amplification, to increase the rectifier resistivity, and to improve the switching performance of the element, the directing circuit of this element is made of a superconductor with the critical current intensity equal to the critical intensity of the rectifier current. Orig. art. has: 1 figure.

ASSOCIATION: none

SUBMITTED: 27Dec63

ENCL: 01

SUB CODE: IE, EC

NO REF SOV: 000

OTHER: 000

Card 1/2

L 65151-65

ACCESSION NR: AP5021613

ENCLOSURE: 01

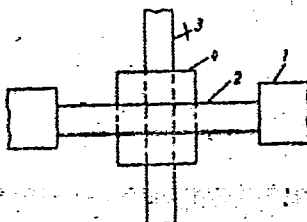


Fig. 1. 1- current-conducting bar; 2- directing circuit; 3- rectifier; 4- insulating film

*jk*  
Card 2/2

LAPIR, M.A.

Simplified method of producing fibrous gypsum products. Gor.  
khoz. Mosk. 29 no.12:29 D '55. (MIRA 9:3)  
(Walls)

ma. LAPR. Ye.S.

*Analysis*

**\*Spectroscopic Determination of Iridium, Platinum, and Palladium in Refined Rhodium.** A. V. Babarva and E. N. Izrael. *Dokl. Akad. Nauk. SSSR*, 1948, (82), 165-168; *C. Abstr.*, 1949, 64, 10393i. [In Russian]. *ibid.*, 1947, (80), 168; *M. S.*, 18, 674. For the detn. of these metals an activated A.C. arc and highly purified C electrodes were used in a Hilger quartz spectrograph. Ir was determined from its 3220-79 Å. line. For comparison the Rh line at 3207-29 Å. was used for Ir contents of 1-0.1%. and the Rh 3206-09 Å. line for Ir contents of 0.1-0.01%. Pt was determined from its 2997-96 Å. line. For comparison the Rh line at 3008-93 Å. was used for Pt contents of 0.1-0.01% and Rh line 2901-74 Å. for Pt below 0.01%. The preferred line for Pd was 3242-71 Å. Ti line at 3241-989 Å. The Rh line at 3237-63 Å. was used for comparison. For 0.111-0.081% Ir the average error was  $\pm 3.33\%$ ; for 0.0038-0.0009% Pt the average error was  $\pm 0.75\%$  and for 0.005-0.1% Pd the average error was  $\pm 10.5\%$ .

CA LAPIR, Ye. S.

7

Spectral determination of small quantities of iron in

platinum and palladium. A. V. Babaeva and B. S. Lapir,  
*Izvest. Sektora Platiny i Drugikh Blagorod. Metal., Tbil.*  
*Obshch. i Neorg. Khim., Akad. Nauk S.S.S.R. No. 23,*  
*94-6(1949).*—Fe contents of 0.001-0.05% were detd.  
spectrographically by means of Pt and Pd lines for com-  
parison. To det. Fe in Pt the lines used were: Fe 3020.640,  
Pt 3022.847 (arc); Fe 3020.640, Pt 3005.783 (arc);  
Fe 2599.396, Pt 3025.33 (spark). For Pd the lines were  
Fe 2994.429, Pd 3021.749 (arc); Fe 2973.23, Pd 3021.749  
(arc); Fe 2994.44, Pd 2577.10 A. (arc). For traces  
of Fe in Pt, the av. error was 9% and for Fe in Pd 8%.  
M. Hosh.

CA LAPIR, Ye. S.

7

Spectral determination of small quantities of platinum and palladium in refined silver. A. V. Babayeva and E. S. Lapir. *Izvest. Sektora Platinoy i Drugikh Blagorod. Metal., Inst. Obshchey i Neorg. Khim., Akad. Nauk S.S.S.R. No. 23, 97-100(1949).*—For detg. Pt and Pd in Ag the standard method was used. A total of 15 standards was used contg. 0.0005-0.500% Pt and Pd each. The standard alloys were forged and drawn into 3-4 cm. lengths having a square cross section of 2.5 sq. mm. and one end wedge-shaped. The wires were used as electrodes. For detg. concns. of 0.02-0.2% the following lines were used: Pt 2702.40, Ag 2721.77; Pd 2733.96, Ag 2731.77; Pd 3480.77, Ag 3501.94; Pd 3460.77, Ag 3501.94; and for concns. of 0.001-0.02% Pt 2997.97, Ag 3099.12; Pt 2997.97, Ag 2721.77; Pd 3489.77, Ag 3542.61; Pd 3242.70, Ag 3139.01  
M. Hirsch  
A.

LAPIR, Ye. S.

USSR/Chemistry - Spectra, Absorption  
Chemistry - Spectra, Ultraviolet

Feb 49

"Ultraviolet Absorption Spectra of Complex Geometrically Isomeric Compounds of Bivalent Platinum and Palladium," A. V. Babayeva, Ye. S. Lapid, 4 pp

"Dok AK Nauk SSSR" Vol LXIV, No 5

Attempts to determine whether there is always a shift in the curves of absorption during transfer from cis- to trans- isomer and whether this is a natural characteristic peculiarity in the spectra of isomeric compounds. Submitted by I. I. Chernyayev, 29 Nov 48

PA 29/49T5



LAPIR, Ye. S.

22156

24.3500

S/048/61/025/004/005/048  
B104/B201

AUTHORS: Gorbacheva, N. A., Gugel', B. M., Konstantinova-Shlezinger, M. A.,  
Lapir, Ye. S., and Rutshteyn, T. G.

TITLE: Phosphate luminophores for luminescent lamps with improved  
light emission

PERIODICAL: Izvestiya Akademii nauk SSSR. Seriya fizicheskaya, v. 25,  
no. 4, 1961, 455-458

TEXT: The present paper has been read at the 9th Conference on  
Luminescence (Crystal Phosphors), Kiyev, June 20-25, 1960. In addition to  
the requirement that luminophores should have a "white" spectrum, also  
that of the quantum yield to be as high as possible should be satisfied.  
Barium-titanium-phosphate (BTP) and strontium-magnesium-phosphate (SMP),  
which satisfy these requirements best, are the object of the present study.  
The temperature stability of SMP was improved by the introduction of  $B_2O_3$   
to such an extent as to make it suitable for correcting the color of high  
pressure Hg lamps. BTP was prepared by a three-hour sintering of a

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S/048/61/025/004/005/048  
B104/B201

Phosphate luminophores for...

mixture of  $\text{BaHPO}_4$ ,  $\text{TiO}_2$ , and  $\text{BaF}_2$  at  $1075^\circ\text{C}$ . Data regarding the brightness and the stability of luminescence of the specimens concerned are presented in Tables 1 and 2. As may be seen from Table 1, Mn acts as an extinguisher. The spectral composition of emission is shown in Fig. 1. As may be noted from the tables, a BaO excess reduces brightness strongly, whereas a  $\text{P}_2\text{O}_5$  excess (up to 5 mole%) has no effect whatever. A BaO excess leads to the formation of  $4\text{BaO} \cdot 3\text{TiO}_2 \cdot \text{P}_2\text{O}_5$ , whereby the activator concentration is reduced. It is found, furthermore, that the introduction of BaO first causes stability to be reduced, and not to increase again until a certain concentration is attained. SMP was prepared by three different sintering methods from mixtures  $\text{SrCO}_3$ ,  $\text{MgCO}_3$ ,  $(\text{NH}_4)_2\text{HPO}_4$ , and  $\text{SnO}_2$ .

- 1) One-hour sintering at  $600^\circ\text{C}$  in air, and, after grinding, renewed two-hour sintering at  $1200^\circ\text{C}$ , and, finally, at  $1200^\circ\text{C}$  for 30 minutes in  $\text{NH}_3$ .
- 2) Heating from room temperature to  $1200^\circ\text{C}$  in one hour, and a second sintering at  $1200^\circ\text{C}$  for 30 minutes in  $\text{NH}_3$  or with addition of carbon.
- 3) Heating of phosphates and carbonates (without Sn) from 20 to  $1200^\circ\text{C}$  in one hour, crushing together with  $\text{H}_3\text{C} \cdot \text{SnO} \cdot \text{OH}$  and sintering in a closed tube

Card 2/6 }

22156

S/048/61/025/004/005/048  
B104/B201

Phosphate luminophores for...

at 1200°C for 30 minutes. The luminophore had the composition  $(\text{Sr}_{2.63}\text{Mg}_{0.34})(\text{PO}_4)_2\text{Sn}_{0.04}$ . Spectra of different luminophores are graphically presented in Fig. 1. Data regarding the effect of the production method upon the luminophore quality are given in Table 2. Data of temperature stability are graphically presented in Fig. 2. 15 w luminescent lamps with improved light emission and a light temperature of 4500°K, possessing a Harrison factor of 86 % and a light yield of 34 lm w<sup>-1</sup>, were prepared from a mixture of 50 % BTP and 50 % SMP. If a mixture of 70 % calcium halogen phosphate (activated with Sb) and 30 % SMP is used, a lamp with a light temperature of 6500°C, with equal Harrison factor, and equal light yield can be obtained as is the case in industrial luminescent lamps the luminophore of which is made of a mixture of 85 % calcium halogen phosphate (activated with Sb and Mn) and 15 % magnesium arsenate (activated with Mn). There are 2 figures, 2 tables, and 4 references: 1 Soviet-bloc and 3 non-Soviet-bloc.

Card 3/9 3

32230

S/196/61/000/011/009/042

E194/E155

24,3500 (1137,1138)

AUTHORS: Gugel', B.M., and Lapir, Ye.S.

TITLE: Luminophores for fluorescent tubes with improved light transmission

PERIODICAL: Referativnyy zhurnal, Elektrotehnika i energetika, no.11, 1961, 6, abstract 11V 50. (Svetotekhnika no.5, 1961, 7-11)

TEXT: Characteristics are given of fluorescent-tube luminophores with improved light transmission. Daylight, cold and warm-white tubes with the luminescent layer based on these luminophores mixed with Ca halophosphate correspond fairly well to absolute black-body radiation at temperatures of 6500, 4500 and 2900 °K respectively but have a light output approximately 20% less than standard fluorescent tubes. 7 illustrations, 2 literature references.

[Abstractor's note: Complete translation.]

Card 1/1 /

GUGEL', B.M.; LAPIR, Ye. S., inzh.

Luminophors for fluorescent lamps with improved color transmission.  
Svetotekhnika 7 no.5:7-11 My '61. (MIRA 14:6)

1. Moskovskiy elektrolampovyy zavod.  
(Luminescent substances)  
(Fluorescent lighting)

LAPIROV, Aron Il'ich; ZOTOVA, A.P., red.; ONOSHO, N.G., tekhn. red.

[Asparagus] Sparzha. Leningrad, Lenizdat, 1961. 16 p.  
(MIRA 14:7)

(Asparagus)

LAPIROV-SKOBLO, S.Ya., professor, doktor sel'skokhozyaystvennykh nauk.

Standardizing round, coniferous commercial lumber. Standartizatsiya  
no.2:29-34 Mr-Ap '54. (MLBA 7:6)  
(Lumber--Standards)

GONOROVSKIY, I.S.; ITSKHOKI, Ya.S., doktor tekhn. nauk, prof.,  
retsenzent; VLASOV, V.F., kand. tekhn. nauk, dots.,  
retsenzent; LAPIS, A.A., kand. tekhn. nauk, dots.,  
retsenzent; ZABOLOTSKIY, N.G., red.

[Radio circuits and signals] Radiotekhnicheskie tsepi i signaly. Moskva, Sovetskoe radio, 1963. 694 p. (MIRA 17:5)



GONOROVSKIY, I.S.; ITSKHOKI, Ya.S., doktor tekhn. nauk, prof.,  
retsenzent; VLASOV, V.F., kand. tekhn. nauk, dots.,  
retsenzent; LAPIS, A.A., kand. tekhn. nauk, dots.,  
retsenzent; ZABOLOTSKIY, N.G., red.

[Radio circuits and signals] Radiotekhnicheskie tsepi i  
signaly. <sup>1</sup>zd.2., ispr. Moskva, Sovetskoe radio, 1964.  
694 p. (MIRA 17:11)

LAPIS, Janusz; MANDAT, Alina; SZYMANSKA, Hanna

Determination of the cholinesterase activity in the blood serum with  
"Acholest", a test paper. Polski tygod. lek. 16 no.48:1848-1849 27  
N '61.

1. Z II Kliniki Chorob Wewnętrznych P.A.M. w Szczecinie; kierownik:  
prof. dr med. Edward Gorzkowski.  
(CHOLINESTERASE blood)

LAPIS, Janusz; MANDAT, Alina; RYCHLIK, Henryka; SZYMANSKA, Hanna

On the activity of certain enzymes in parenchymatous hepatitis.  
Polskie arch. med. wewn. 31 no.3:337-347 '61.

1. Z II Kliniki Chorob Wewnętrznych P.A.M. w Szczecinie Kierownik:  
prof. dr med. E. Gorzkowski i z Kliniki Chorob Zakaznych P.A.M. w  
Szczecinie Kierownik: doc. dr med. M. Eisner.

(HEPATITIS INFECTIOUS metab) (ENZYMES metab)

LAPIS, Janusz; MANDAT, Alina; SZYMANSKA, Hanna; przy wspoludziale laborantki  
WOJCIK, Barbary

On the activity of some serum enzymes in liver cirrhosis. Pol. arch.  
med. wewnet. 32 no.2:193-199 '62.

1. Z II Kliniki Chorob Wewnetrznych PAM w Szczecinie Kierownik: prof.  
dr med. E. Gorzkowski.

(LIVER CIRRHOSIS blood) (ENZYMES blood)

**FIEDOROWICZ, Irena; LAPIS, Janusz; SEBASTYANSKI, Tadeusz**

Effect of balneotherapy on serum proteins in rheumatic patients in Polczyn Spa. Pol. tyg. lek. 17 no.28:1106-1108 9 JI '62.

1. Z II Kliniki Chorob Wewnętrznych PAM w Szczecinie i z Ośrodka Klinicznego w Polczynie--Zdroju; kierownik prof. dr. med. Edward Gorzkowski.

(RHEUMATISM)

(BLOOD PROTEINS)

(BALNEOLOGY)

KICZAK, Janina; LAPIS, Janusz; WILEWSKI, Edward.

Case of plasma-cell leukemia. Pol. tyg.lek. 18 no.47:1766-1768  
18 N'63.

1. Z II Kliniki Chorob Wewnętrznych Pomorskiej AM w Szczecinie;  
(kierownik: prof. dr. med. Edward Gorzkowski) i z Zakładu Ana-  
tomii Patologicznej Pomorskiej AM w Szczecinie (kierownik: prof.  
dr.med. Kazimierz Stojalowski).

\*

LAPIS, Janusz; MANDAT, Alina; SZYMANSKA, Hanna; z wspoludzialem laborantki  
MATUSZEWSKIEJ, Lidi

On the activity of certain serum enzymes in obstructive jaundice. Pol.  
arch. med. wewn. 33 no.1:25-32 '63.

1. Z III Kliniki Chorob Wewnetrznych AM w Szczecinie Kierownik: prof.  
dr med. E. Gorzowski.

(ALANINE AMINOTRANSFERASE)	(ASPARTATE AMINOTRANSFERASE)
(BLOOD ALKALINE PHOSPHATASE)	(ALDOLASE) (CHOLINESTERASE)
(JAUNDICE, OBSTRUCTIVE)	(CHOLELITHIASIS)
(BILE DUCT NEOPLASMS)	(BLOOD CHEMICAL ANALYSIS)

LAPIS, Jaruzel MARLICK, Kozłowski

Effect of the concentration test and plasmolysis on urinary osmolarity in subjects with the normal urinary tract. Pol. arch. med. wewn. 34 no.6:709-714 '64

1. Z II Kliniki Chorob Wewnętrznych Pomorskiej Akademii Medycznej w Szczecinie (Kierownik prof. dr. med. E. Gorzkowski).



LAPIS, Janusz; MAJEWSKA, Milada; MANDAT, Alina; SEBASTYANSKI, Tadeusz;  
BURA, Maria

On neurological complications in the course of Hodgkin's disease.  
Pol. tyg. lek. 20 no.28:1051-1053 12 J1 '65.

1. Z II Kliniki Chorob Wewnętrznych Pomorskiej AM w Szczecinie  
(Kierownik: prof. dr. med. Edward Grozkowski) z III Kliniki  
Chorob Wewnętrznych Pomorskiej AM w Szczecinie (Kierownik: doc.  
dr. med. Marek Eisner) i z Zakładu Anatomii Patologicznej Po-  
morskiej AM w Szczecinie (Kierownik: prof. dr. med. Kazimierz  
Stojalowski).

BURA, Helena; MAJEWSKA, Milada; KICZAK, Janina; LAPIS, Janusz

Results of prednisone, steroid and 6-mercaptopurine therapy of acute myelocytic leukemias in adults. Pol. arch. med. wewnet. 35 no.8:1229-1235 '65.

1. Z II Kliniki Chorob Wewnętrznych Pomorskiej Akademii Medycznej w Szczecinie (Kierownik: prof. dr. med. E. Gorzkowski); z I Kliniki Chorob Wewnętrznych Pomorskiej Akademii Medycznej w Szczecinie (Kierownik: doc. dr. med. K. Gregorczyk) i z III Kliniki Chorob Wewnętrznych Pomorskiej Akademii Medycznej w Szczecinie (Kierownik: doc. dr. med. M. Eisner).

LAPIS, Jaroslav, inz.

Present state and nearest tasks of the new technology in  
Czechoslovakia. Geol pruzkum 7 no.3:65-67 Mr '65.

1. Central Geological Office, Prague.

LAPIROV-SKOBLO, Semuil Yakovlevich, prof., doktor sel'skokhoz.nauk.  
Prinimal uchastiye SMIRNOV, A.V., kand.tekhn.nauk. SUDNITSYN,  
I.I., dotsent, retsenzent; SHUKLIN, A.V., red.; SHAKHOVA, L.I.,  
red.izd-va; PARAKHINA, N.L., tekhn.red.

[Forest products; a commercial guide] Lesnoe tovarovedenie.  
Izd.2., perer. i dop. Moskva, Goslesbumizdat, 1959. 435 p.

(MIRA 13:4)

(Forest products)

LAPIROVA, M.N.

AVERBUKH, Ye.S.; YEFIMENKO, V.L.; LAPIROVA, M.N. (Leningrad)

Disorders in the nervous activity in prolonged hyperinsulinism;  
adenoma of the islands of Langerhans. Klin.med. 35 [i.e.34] no.1  
Supplement:26-27 Ja '57. (MIRA 11:2)

1. Iz 3-go psikhiatricheskogo otdeleniya (nauchnyy rukovoditel' -  
prof. Ye.S.Averbukh) Psikho-nevrologicheskogo nauchno-issledovatel'-  
skogo instituta imeni V.M.Bekhtereva (dir. - prof. V.N.Myasishchev)  
(NEUROUS SYSTEM--DISEASES)  
(PANCREAS--TUMORS)

VYASNOVSKIY, A.Yu., prof.; LAPIROVA, N.N.

Use of sulfozin in the compound treatment of cerebral rheumatism.  
Kaz. med. zhur. no.1:43-45 Ja-F '62. (MIRA 15:3)

(RHEUMATIC FEVER)

(ENCEPHALITIS)

(PYROGENS)

S/112/60/000/05/01/023

Translation from: Referativnyy zhurnal. Elektrotehnika, 1960, No. 5, p. 7,  
# 1.1140

AUTHOR: Lapis, A.A.

TITLE: The Calculation of Transient Conditions in Mismatched Long Lines

PERIODICAL: Tr. Leningr. in-t aviats. priborostr., 1958, No. 18, pp. 67-78

TEXT: Expressions in operator form are derived to calculate voltage and current for any point of a long line, connected to a pulse emf source with some internal resistance. The author cites examples of using the obtained general functions to find the laws of setting-up of current and voltage in some cases (lines without losses, lines loaded with resistance different from wave impedance). Corresponding graphs are plotted. There are 5 references.

B. Z. L.

✓B

Card 1/1

LAPIS, K.

BALO, J., FREISINGER, F., LAPIS, K.

Apoplexy and gastric ulcer. Orv. hetil. 91:26, 25 June 50.  
p. 801-5

1. First Pathological Anatomy and Experimental Cancer Research  
Institute (Head--Dr. Jozsef Baló), Budapest University.

CIML 19, 5, Nov., 1950



**TOFH, Brzsebet; LAPIS, K.; SOS, J.**

Promotion of carcinogenic effect of azo dyes by periodic qualitative protein deficiency. Acta morph. hung. 4. no.4;493-505 1954.

1. Institut fur Pathophysiologie (Vorstand Prof. J.Sos) der Medizinischen Universitat, Budapest, und Institut fur Pathologische Anatomie (Vorstand Prof. B.Kellner) der Medizinischen Universitat, Debrecen

(BENZENE, deriv.

p-dimethylaminoazobenzene, carcinogenic eff., potentiation by methionine defic. in rats)

(METHIONINE, defic.

potentiation of carcinogenic eff. of p-demethylaminoazobenzene in rats)

(NEOPLASMS, exper.

carcinogenesis by p-dimethylaminoazobenzene, potentiation by methionine defic. in rats)

LAPIS, Karoly, dr.,; KIS, Andras ,dr.

Bilateral mammary cancer. Orv. hetil. 96 no.40:11061-1111 2 Oct.  
55.

1. Az Országos Onkológiai Intézet onko-pathológiai (vezető: Kellner  
Bela dr.) és Sebészeti Osztályának (osztályvezető főorvos: Huttl  
Tivadar dr.) közleménye.  
(BREAST, neoplasma  
carcinoma, bilateral)

LAPIS. K.; SAGE, T.

Pulmonary aspergillosis in rats caused by the effect of cortisone treatment.  
In German. p. 337. Vol. 3, No. 4 1956. ACTA MICROBICA. Budapest, Hungary.

SOURCE: East European Accessions List, (EEAL) Library of Congress  
Vol. 6, No. 1 January, 1956

EXCERPTA MEDICA Sec 5 Vol. 10/7 Pathology July 57

1951. LAPIS K. Dept. of Pathol., Centr. Inst. of Cancer, Budapest. \*How to influence the metastasis of hepatic tumours induced by butter-yellow ACTA MORPH. ACAD. SCIENT. HUNG. (Budapest) 1956, 7/1 (71-79) Tables 3 Illus. 4

Because induced tumours are more suitable than transplants for the study of certain problems in metastasis, experiments were made with a view to increasing the number of and standardizing the metastasis of hepatic tumours induced in a strain of albino rats by butter-yellow. Differences in the diet through the feeding of (1) mixed cereals with carrots, (2) a semi-synthetic diet and (3) a 'normal' diet with periods of methionine and tryptophan deficiencies, did not influence the incidence of metastasis. However, the incidence of metastasis was found to be three times as great (70% of 27 rats with tumours) in animals that had been placed on a dye-free normal diet after the detection of a tumour by palpation or by laparotomy (greater than 5 days with an average of 28 days before death) as in the animals that received butter-yellow up to or not more than 5 days before death (19% of 32 rats with tumours). The most frequent site of metastases was in the mediastinal, subclavicular or paratracheal lymph nodes in the thorax. By injection of India ink beneath the liver capsule of healthy animals a lymphatic communication was demonstrated between these lymph nodes and the liver. The increase in the intensity of metastasis-formation in the rats given the dye-free diet after the diagnosis of tumour is believed to have resulted from a prolongation of life, which in turn was accompanied by more rapid growth and degenerative regressive

1957

processes in the tumours. These changes are characteristic of a given phase in the development of any tumour and, in contrast to some particular 'a priori' property of certain tumours, seem to be significant factors in the occurrence of metastases.

Dyer - Bethesda, Md.(V, 16)

LAPIS, K.

EXCERPTA MEDICA Sec.3 Vol.11/11 Endocrinology Nov 57

2275. LAPIS K. and SAGI T. Dept. of Pathol., Central Inst. of Cancer, Budapest.  
\*The action of cortisone on the growth and metastasis of transplantable tumours ACTA MORPH.ACAD.SCIENT.HUNG. (Budapest) 1956, 7/1 (91-99) Tables 3 Illus. 4

The effect of prolonged daily administration of cortisone acetate on the growth of M-1 rat sarcoma and Crocker-180 mouse sarcoma, and on the incidence of metastases has been studied. Cortisone retarded the growth of Crocker-180 sarcoma by nearly 40%, that of M-1 sarcoma by over 50%. At the same time, however, cortisone markedly increased the incidence of metastases: these were found in more than 50% of the animals, in mice in the lungs, and in rats in the lungs and especially in the liver. This metastasis-promoting action is due to a complex mechanism:

SAGI, Tamas; LAPIS, Karoly

Pulmonary aspergillosis caused by cortisone therapy of neoplasms  
in rats. Kiserletes orvostud. 8 no.5:488-490 Sept 56.

1. Orszagos Onkologiai Intezet onko-pathologiai osztalya.  
(CORTISONE, inj. eff.  
aspergillosis, pulm., in rats (Hun))  
(ASPERGILLOSIS, etiol. & pathogen.  
cortisone causing pulm. aspergillosis in rats (Hun))  
(LUNG DISEASES, etiol. & pathogen.  
aspergillosis, caused by cortisone in rats (Hun))

EXCERPTA MEDICA Sec 16 Vol. 5/12 Cancer Dec. 57

4475. LAPIS K. and NÉMETH L. Dept. of Oncopathol., State Inst. of Oncol., Budapest *Effect of various chemotherapeutic agents on metastasis* Brit. J. Cancer 1956, 10/4 (719-723) Tables 1

The authors have investigated the effects of BCM (1:6 bis( $\beta$ -chloroethylamino-1:6-deoxy-D-mannite)-dihydrochloride);  $\text{HN}_2\text{N}$ -oxide (nitromin); TEM; myleran; colcemid (deacetylmethyl-colchicine); teropterin; honvan (stilboestroidiphosphate) and cortisone on the incidence of recurrences and metastases of the Guerin T108 rat carcinoma, which is known to be highly resistant to chemotherapeutic drugs. The tumour served as a model for lymphogenic metastasis production. The radiomimetic substances BCM, nitromin and TEM produced favourable results. Especially BCM inhibited generalization of i.v. inoculated tumours and the establishment of multiple metastases.

Ullman - Toronto



LAPIS K.

EXCERPTA MEDICA Sec.5 Vol.10/3 Gen.Pathology Mar 57

715. LAPIS K. and NÉMETH L. Pathol. Abt., Staatl. Onkol. Inst., Budapest. \*Die Wirkung des BCM auf die Metastasenbildung transplantiertter Tiergeschwulste. The effect of BCM on the formation of metastases of transplanted animal tumours KLIN. WSCHR. 1956, 34/31-32 (864-867) Tables 3
- BCM (1:6-bis- $\beta$ -chlor-ethylamino-1:6-desoxy-D-mannite-dichlorhydrate) was made synthetically by Vargha (Naturwissenschaften, 1955, 42, 582). Kellner and Németh have described (Zeitschrift für Krebsf., 1956, 61, 165) the effects of BCM on animal tumours. They obtained cytostatic effects as well as inhibition of tumour-growth and increase of survival time. These effects were significant in leukaemic mice. Since BCM causes damage of the bone marrow the authors have investigated the effects of this compound in combination with cortisone. They expected that the combined inhibitory effect on tumours should be potentiated, but this was not significant. The results of these investigations were: BCM prevents formation and dissemination of metastases of the Guerin-tumour in rats. It also protects against formation and dissemination of metastases following application of cortisone. BCM does not completely prevent formation and dissemination of metastases of the Brown-Pearce tumour in rabbits. The authors recommend the use of BCM as a cancer-prophylacticum in surgery in order to prevent dissemination and development of tumour cells in cancer patients after operation.
- Ullman - Toronto (V, 16)

EXCERPTA MEDICA Sec.16 Vol.4/12 Cancer Dec 56

4524. LAPIS K. and KIS A. Onko-Pathol. und Chir. Abt., Staatl. Onkol. Inst., Budapest. Über beiderseitige Brustkrebs *Bilateral breast cancer* Zbl. Chir. 1956, 31 17 (680-689), Tables 2 Illus. 1

In 21 (3.8%) out of the 550 patients operated on for breast cancer in 3 yr., both breasts were involved; 14 of these (2.54%) were shown to be true bilateral breast cancer, in the other patients, the second breast was affected on account of lymphogenic dissemination or metastasis.

LAPIS, Karoly, dr., Irta;; SAGI, Tamas, dr.

Effect of cortisone on the growth and metastasis of metastatic tumors. Orv. hetil. 97 no.10:268-270 4 March 56.

1. Az Orszagos Onkologiai Intezet Onkopathologiai Osztalyanak (vezeto: Kellner, Bela dr. egyet. tanar) kozlemenye.

(SARCOMA, exper.

eff. of cortisone on growth & metastasis in mice & rats. (Hun))

(CORTISONE, eff.

on growth & metastasis of sarcoma in exper. with mice & rats. (Hun))

EXCERPTA MEDICA Sec 16 Vol 7/12 Cancer Dec 59

5122. **Experimental data on the role of the lymphatic system in the intravisceral spread of tumours** Kisérletes adatok a nyirokrendszer szerepéről a daganatok szervben belüli terjedésében. LAPIS K., NÉMETH L., RÉNYI-VÁMOS F. Országos Onkol. Intézet Onkopathol. Kutató Intézetének, Budapesti Orvostud. Egyet. Urol. Klin., Budapest *Mag. Onkol.* 1958, 2/3 (148-155) Illus. 7  
According to the authors' earlier studies, the injection technique for the demonstration of lymphatic capillaries does not give reliable results. Ligation of the efferent veins and of the larger lymph vessels, with the consequent artificial lymphatic

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tic congestion gives a better result. Using this method, it is possible to determine the number and course of the dilated lymphatic capillaries by histological study. From the congestive condition of these capillaries it could be seen that their number in certain organs is considerably less than reported on the basis of the injection technique. The present authors could not find lymphatic capillaries between the tubules in the testicles of rabbits and rats. In the spread of tumours (Brown Pearce and Guérin carcinoma) implanted into the testicles two phases can be distinguished: in the first phase, the tumour spreads in the interstitial spaces; it is only during the second phase that the tumour spreads via the lymphatic capillaries which are found extraparenchymally in the testicles of rabbits and rats, between the testis and the epididymis and in the vicinity of the ductus deferens. In the above-mentioned intratesticularly transplanted tumours themselves no lymphatic capillaries could be demonstrated.

Juhász - Budapest

LAPIS, K.

EXCERPTA MEDICA Sec 16 Vol 6/10 Cancer Oct 58

3828. *Comparative studies on the action of new nitrogen mustards in mouse cancer* Vergleichende Untersuchungen über die Wirkung neuerer Lostderivate auf Tierkrebs. NÉMETH L. and LAPIS K. Pathol. Abt., Staatl. Onkol. Inst., Budapest *Krebsarzt* 1958, 13/2 (71-73)

Mannomustine (1:6-bis(2-chloroethylamino)-1:6-bisdesoxy-D-mannitol; BCM; 'degranol') was compared with chlormethine, chlormethine N-oxide, melphalan, etc. for toxicity and carcinostatic activity on various mouse neoplasms. The drug showed distinct anti-tumour activity, but with little difference from the other compounds mentioned.

Sampey - Greenville, S.C.

EXCERPTA MEDICA Sec 16 Voð 7/6 Cancer June 59

2127. **Experimental studies on the influence of chemotherapeutic substances on the formation of tumour metastases** Recherches expérimentales sur le rôle des substances chimiothérapiques influençant la formation des métastases tumorales. **LAPIS K.** and **NEMETH L.** Sect. de Pathol., Inst. Nat. de Rech. sur le Cancer (Országos Onkol. Intézet), Budapest *Bull. Ass. franç. Cancer* 1958, 44/4 (519-532) Tables 4

D-1 : 6-bis(2-chloroethylamino)-1 : 6-desoxy-mannitol (BCM) considerably diminished the formation of metastases, and sometimes led to cure of rats which had been i.v. and s.c. grafted with Guérin's tumour 108. Rivière - Villejuif

LAPIS, Karoly, dr.; BERNICZEI, Mihaly, dr.

Clinical and pathological data on breast cancer. *Magy.sebeszet*  
13 no.5:292-300 0 '59.

1. Az Onkopathologiai Kutato Intezet (vezeto Prof. Dr. Kellner  
Bela) es az Orszagos Onkologiai Intezet (igazgato: Dr. Venkei  
Tibor az orvostudomanyok kandidatusa, tudomanyos vezeto:  
Dr. Wald Bela az orvostudomanyok kandidatusa), Sebeszeti  
osztalyanak (foorvos: Prof. Dr. Prochnow Ferenc) kozlemenye.  
(BRKAST neopl)



BERNICZEI, Mihaly, dr.; LAPIS, Karoly, dr.

Clinical and pathological data on fibroadenoma of the breast.  
Magy sebészet 13 no.6:359-364 D '59.

1. Az Országos Onkológiai Intézet (Igazgató: Venkei Tibor dr.,  
az orvostudományok kandidátusa, tudományos vezető: Wald Béla dr.,  
az orvostudományok kandidátusa) sebészeti osztályának (Főorvos:  
Prof. Prochnow Ferenc) és Onkopathológiai Kutató Intézetének  
(Vezető: Prof. Kellner Béla) közleménye.

(BREAST neopl)  
(ADENOFIBROMA)

LAPIS, Karoly, dr.; HOFFMANN, Ida, dr.; GAZDA, Zsuzsa, dr.

2 Cases of Letterer-Siwe disease. Orv.hetil. 100 no.34:  
1225-1229 Ag '59.

1. A Szabadsaghegyi Allami Gyermekszanatorium (igazgato-  
foorvos: Szederkenyi Janos dr., tudomanyos igazgato:  
Gorgenyi-Gottche Oszkar dr. az orvostudomanyok doktora) es az  
Onkopathologiai Kutato Intezet (vezeto: Kelliner Bela dr. az  
MTA lev. tagja) kozlemenye.  
(LETTERER-SIWE DISEASE in inf. & child.)

VACZY, Laszlo, dr.; ZSOLNAI, Bela, dr.; LAPIS, Karoly, dr.

Clinical and pathological data on uterine cancer. Magy. noorv.  
lap. 21 no.1:1-19 Ja '60.

1. A Budapesti Orvostudományi Egyetem II. sz. női klinikájának  
közleménye (Igazgató: Zoltan Imre dr. egyetemi tanár).  
(UTERUS NEOPLASMS)

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Clinical aspects and pathology of uterine sarcoma. Acta chir.  
Acad.Sci Hung 2 no.1:37-59 '61.

1. 2nd Department of Gynaecology, University Medical School,  
Budapest (Director: prof. I.Zoltan).  
(UTERUS NEOPLASMS statist)  
(SARCOMA statist)