

SOV/124-57-3-3621

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 3, p 142 (USSR)

AUTHOR: Iskritskiy, D. Ye.

TITLE: The Design of Truss Systems by the Triangle Method (Raschet sterzhnevyykh sistem sposobom treugol'nikov)

PERIODICAL: Zap. Leningr. zaoch. industr. in-ta, Leningrad, LGU, 1955, pp 23-53

ABSTRACT: The method for the design of a plane truss system involves two principal unknown factors, namely, the relative elongations of the members and the linear displacements of the supports. The triangle method combines the fairly unsuccessful versions of the method of displacements and the method of fixed points. Certain steps in the computations require additional investigation. The triangle method does not offer any advantages over the known methods of designing truss systems.

L. N. Vorob'yev

Card 1/1

ISKRITSKIY, D. Ye., Doc of Tech Sci -- (diss) "Fundamental state and method of calculation of the durability of core and laminated construction of containers of verticle transports." Leningrad Shipbuilding Institute, 1957, 32 pp (Leningrad Institute of Engineers of Railroad Transportation im Acad V. N. Obraztsov), 150 copies (KL, 29-57, 90)

ISKRITSKIY, D.Ye. (Leningrad)

Investigation of dynamic stresses in the supporting members of  
mine hoisting cages. Isv. AN SSSR Otd.tekh.nauk no.8:154-158  
Ag '55. (MIRA 9:1)

(Strains and stresses) (Mine hoisting)

124-57-2-2447

Translation from: Referativnyy zhurnal, Mekhanika, 1957, Nr 2, p 132 (USSR)

AUTHORS: Iskritskiy, D. Ye., Val'ter, L. L.

TITLE: The Strength of the Terminal Coupling Link of an Anchor Chain in the Elastic and the Plastic Range (Raschet na prochnost' kontsevogo soyedinitel'nogo zvena yakornoy tsepi v uprugoy i plasticheskoy stadii)

PERIODICAL: Tr. Leningr. korablestroit. in-ta, 1955, Vol 16, pp 60-75

ABSTRACT: Examination of the terminal coupling link of a chain, equipped with a stud link. The calculation is based on a schematic non-hinged semicircular arch with clamped ends. The loading is assumed to be uniformly distributed over a 90-degree apex angle. The following loads were investigated: 1) the load that causes the phenomenon of creep; 2) the load that corresponds to the formation of plastic hinging; and 3) the rupture load. It is noted that the computed rupture load agrees quantitatively with that determined experimentally (within 3.5%).

*Rafedra  
soprotivleniya  
materialov*

Card 1/1

1. Anchor chains--Equipment    2. Anchor chains    K. Ya. Mutsenek  
--Mechanical properties    3. Couplings--Elasticity    4. Couplings--Plasticity

SOV/124-58-4-4722

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 4, p 148 (USSR)

AUTHOR: Iskritskiy, D. Ye.

TITLE: Rigidity Calculation of Crane-supporting Beams (Raschet podkranovykh balok na zhestkost')

PERIODICAL: Zap. Severo-Zap. zaohn. politekhn. in-ta, 1957, Nr 2, pp 3-24

ABSTRACT: Bibliographic entry

1. Beams--Stability 2. Mathematics

Card 1/1

PHASE I BOOK EXPLOITATION

SOV/5718

Iskritskiy, Dmitriy Yevgen'yevich

Ustalost' metallov v konstruktsiyakh (Fatigue of Metals in Constructions) Moscow, Fizmatgiz, 1960. 85 p. 15,000 copies printed.

Ed.: G.I. Fel'dman; Tech. Ed.: I.Sh. Aksel'rod.

**PURPOSE:** This booklet is intended for workers, foremen, technicians, and students in secondary technical schools who are studying the problem of the calculation of machine parts for strength.

**COVERAGE:** Certain problems dealing with fatigue strength are discussed in easy-to-understand language. Particular attention is given to cyclic alternating stresses which contribute to the formation of fatigue cracks and fractures. A large number of examples are given which interpret fatigue as a cause of accidents in various branches of engineering. Briefly described are several machines for the fatigue testing of parts, certain methods for the early detection of fatigue cracks, and means for the prevention of fatigue fractures in machine parts. No personalities are mentioned. There are no

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Fatigue of Metals (Cont.)

BOV/5718

references.

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8. How to Reduce the Harmful Effects of Alternating Loads	62

Card 2/3

ISKRITSKIY, D. Ye., doktor tekhn. nauk

Acting forces in hoisting skips. Ugol' Ukr. 4 no.9:15-18 s '60.

(MIRA 13:10)

(Hoisting machinery)



ISKRITSKIY, D.Ye.; RAL'TSEVICH, N.V.

Control of the watertightness of joints in emergency mine gates.  
Gor. zhur. no.12:62 D '60. (MIRA 13:12)

1. Leningradskiy korablestroitel'nyy institut.  
(Mining engineering) (Sealing (Technology))

ISKRITSKIY, D.Ye.; RAL'TSEVICH, N.V.

Choice of the cross section of catch cams. Gor. zhur. no.9:73  
S '61. (MIRA 16:7)

1. Leningradskiy korablestroitel'nyy institut.  
(Hoisting machinery)

ISKRITSKIY, D.Ye., doktor tekhn.nauk; REYNBERG, Ye.S., kandi.tekhn.nauk

Changes in the requirements of the U.S.S.R. Register for strength of  
marine shafts. Sudostroenie 28 no.11:28-33 N 162. (MIRA 15:12)  
(Ship registers) (Shafting)

ISKRITSKIY, D.Ye.

Effect of the flexure of a shaft line axis on its strength.  
(MIRA 16:12)  
Trudy LKI no.36:51-61 '62.

1. Kafedra gidromekhaniki Leningradskogo korablestroitel'nogo  
instituta.

L 32902-66

ACC NR: AT6023833

SOURCE CODE: UR/29:5/64/000/010/0043/0050

AUTHOR: Mazurov, M. K.; Iskritskiy, N. A.

ORG: Kola Branch, AN SSSR (Kol'skiy filial AN SSSR)

TITLE: Problems in developing large-panel prefabricated home building in Murmansk Oblast

SOURCE: AN SSSR. Komissiya po problemam severa. Problemy severa, no. 10, 1964, 40-50

TOPIC TAGS: general construction, cost estimate, industrial development, cement, construction material, mineral, economic development, structural engineering, labor

ABSTRACT: Experience shows that 10 to 15% in costs and 30 to 40% in labor can be saved by using prefabricated large-panel home construction instead of on-site piecemeal construction. Home-building forecasts in Murmansk Oblast indicate continuing increases, ranging from 220,000 m<sup>2</sup> in 1962 to 900,000 m<sup>2</sup> annually in the period from 1970 to 1980. Labor costs at the edge of the Arctic Circle are almost 80% greater than in the mid-latitudes of the USSR, and over-all costs tend to rise even more due to the severe climatic conditions when piecemeal construction methods are used. The suggested prefabrication techniques require the solution of problems involved in building the large panels and in finding effective building and thermal insulation materials.

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ACC NR: AT6023833

These problems can either be assigned to the home-building activities in Leningrad and Moscow, or by organizing production centers in Murmansk Oblast'.

Advantages of developing this industry in Murmansk include the production of portland cement from the byproducts of double superphosphate manufacture. Also, Murmansk has one of the largest deposits of vermiculite in the Soviet Union. Large local deposits of other materials can provide adequate supplies for silicate manufactures, thereby eliminating the expense of transportation. Comparative cost tables are given for various materials manufactured in the three suggested regions, showing that although initial manufacturing costs are higher in Murmansk than in Leningrad or Moscow, transportation costs invariably make the latter's materials more expensive by 42 and 59% respectively.

To achieve the norm of 12 m<sup>2</sup> per person, 12 million m<sup>2</sup> of housing is required, which means that 8.2 million m<sup>2</sup> must be built, as well as 1.9 million m<sup>2</sup> of public buildings. Murmansk Oblast' has the potential of pre-fabricating large-scale panels for 70 thousand m<sup>2</sup> of housing, while Apatitstroy Trust has the potential of 35 thousand m<sup>2</sup>. Costs at these shops is high owing to considerable hand-work required in the production of large reinforced concrete panels, vermiculite-filled joists and beams, aerated concrete insulation, cinderblock, foamed glass, and semirigid slag plates.

Comparative current and projected production figures are given for several regions, and economic factors and costs involved in various pre-fabricated designs are discussed in detail. Establishment of adequate

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ACC NR: AT6023833

prefabricated housing plant facilities in Murmansk would cost 35% more (497 thousand rubles) than equal facilities in the mid-latitudes of the USSR, but this capital outlay would be returned within 5 to 7 months by the savings realized in comparison with costs of supplying the necessary construction materials from Moscow and Leningrad. Orig. art. has: 5 tables.

[JPRS]

SUB CODE: 05, 11, 13 / SUMMARY DATE: none

Card 3/3

Iskrov, L. Ye.

AUTHOR: Iskrov, L.Ye.

117-3-20/28

TITLE: On Drafting Tools, Slide Rules (Oshertezhnom instrumente, schetnoy lineyke)

PERIODICAL: Mashinostroitel', 1958, # 3, p 40 (USSR)

ABSTRACT: The author complains of the scarcity of drafting tools for sale in the USSR, and of the poor quality of slide rules. It is not always possible to find such drafting aids as a compass. Most textbooks on drafting say nothing of such tools and none of the new tools described in the official invention index "Measuring Tools and Devices" are being produced.

AVAILABLE: Library of Congress

Card 1/1



KHEYFETS, S.; ISKRUK, A.; KIRZHNER, A., inzh.; APROD, A., kand.sel'skokhoz.-  
nauk

Use of the AZhT-2 device for drying corn on the cob. Muk.-elev.  
prom. 28 no.5:21 My '62. (MIRA 15:5)

1. Direktor Krasnodarskogo mel'nichnogo kombinata (for Kheyfets).
2. Glavnyy inzh. Krasnodarskogo mel'nichnogo kombinata (for Iskruk).
3. Krasnodarskaya laboratoriya Vsesoyuznogo nauchno-issledovatel'skogo instituta zerna i produktov ego pererabotki (for Kirzhner, Aprod).  
(Corn (Maize)--Drying).

ISKRZHITSKAYA, A. I.

"Study of the Effect of "Ekmolin" and the Combination of It With Other Antibiotics During Experimental Diphtheria." Cand Med Sci, Acad Med Sci USSR, Moscow, 1955. (KL, No 14, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended at USSR<sup>a</sup> Higher Educational Institutions (16).

L SKRZHITSKAYA, H. I.

LIDOV, I.P.; ISKRZHITSKAYA, A.I.; DMITRIYEV, V.B.

Preventive action of biomyacin in wound infections [with summary in French, p.63] Antibiotiki 1 no.5:50-54 S-O '56. (MLRA 10:2)

1. Kafedra mikrobiologii (sav. - prof. Z.V.Yermol'yeva) Tsentral'nogo instituta usovershenstvovaniya vrachey i gosital'naya khirurgicheskaya klinika (sav., prof. V.S.Mayat) II Moskovskogo meditsinskogo instituta.

(ANTIBIOTICS, therapeutic use,  
biomyacin in wds., prev. of infect. (Rus))  
(WOUNDS AND INJURIES, therapy,  
biomyacin, prev. of infect. (Rus))

ISKRZHITSKAYA, A.I.; LIDOV, I.P.; PETROVA, K.V.

Prophylactic effect of bicillin in wound infections. Antibiotiki,  
Moskva 9 no.2:33-36 Mar-Apr 56 (MLRA 9:3)

1. Kafedra mikrobiologii (zav.-ohlen-korrespondent AMN SSSR prof.  
Z.V. Yermol'yeva) Tsentral'nogo instituta usovershenstvovaniya  
vrachey i Gospital'naya khirurgicheskaya klinika (zav. prof. V.S.  
Mayat) II Moskovskogo gosudarstvennogo meditsinskogo instituta  
imeni I.V. Stalina.

(WOUNDS AND INJURIES, compl.

infect., prev. with benzathine penicillin G)

(INFECTIONS

wound infect., prev. with benzathine penicillin G)

(PENICILLIN, deriv.

benzathine penicillin G, prev. of wound infect.)

ISKRZHITSKAYA, A.I. (Cand. of Med. Sci.); BLYUMENTAL', K.V. (Cand. of Med. Sci.)

"Study of the Action of Biomycin in Combination With Ecmolin in Cases of Experimental Diphtheria Infection and in Control of Carriers of Diphtheria Bacteria Under Clinical Conditions,"

p. 350 Ministry of Health USSR Proceedings of the Second All-Union Conference on Antibiotics, 31 May 1957. p. 405, Moscow, Medgiz, 1957.

BLYUMENTAL', K.V.; BRAYNINA, R.A.; VINNICHEK, N.D.; ISKRZHITSKAYA, A.I.

Results of polyclinical treatment of diphtherial carriers. Zhur.  
mikrobiol.epid. i immun.28 no.12:56-60 D '57. (MIRA 11:4)

1. Iz Tsentral'nogo instituta usovershenstvovaniya vrachey i Moskovskoy  
gorodskoy sanitarno-epidemiologicheskoy stantsii.

(DIPHTHERIA, transmission,  
carriage, control with tetracyclines (Rus)  
(TETRACYCLINE, therapeutic use,  
diphtheria carriage control (Rus)

ISKRZHITSKAYA, A.I.; BLYUMENTAL', K.V.

Use of antibiotics of the tetracycline series and of erythromycin  
in experimental diphtheria and for diphthery carriers. Antibiotiki  
4 no.4:59-62 J1-A; '59. (MIRA 12:11)

1. Kafedra mikrobiologii (zav. - chlen-korrespondent AMN SSSR  
prof.Z.V.Termol'yeva) i infeksionnyy otdel kafedry pediatrii  
(zav. - prof.M.Ye.Sukhova) Tsentral'nogo instituta usovershen-  
stvovaniya vrachey.

(TETRACYCLINE pharmacol)

(ERYTHROMYCIN pharmacol)

(DIPHTHERIA exper)

SHAKHBAZIAN, R.K.; ISKUDARYAN, S.G.

Blue objects in the vicinity of elliptical galaxies. Dokl. AN  
Arm. SSR 28. no.2:53-56 '59. (MIRA 12:6)

L. Byurakanskaya astrofizicheskaya observatoriya AN ArmSSR.  
Predstavlene akademikem V.A. Ambartsunyanom.  
(Stars)



ISKUDARYAN, S.G.

A presumed Sculptor-type system. Dokl.AN Arm.SSR 29  
no.3:103-110 '59. (MIRA 13:2)

1. Byurakanskaya astrofizicheskaya observatoriya AN ArmSSR.  
Predstavleno akademikom V.A.Ambartsunyanom.  
(Galaxies)

ISKUDARYAN, S.G.

Five new open clusters. Soob. Biur. obser. no. 28:43-49 '60. (MIRA 14:3)  
(Stars—Clusters)

ISKUDARYAN, S.G.; SAKRYAN, K.A.

Cluster of white dwarfs in Lyrae. Astron. tsir. no. 221:6-9  
Ap '61. (MIRA 14:11)

1. Byurakanskaya astrofizicheskaya observatoriya.  
(Stars--Clusters)

AMBARTSUMYAN, V.A.; ISKUDARYAN, S.G.; SHAKHBAZIAN, R.K.; SAAKYAN, K.A.

Superassociations in distant galaxies. Soob. Biur. obser.  
no.33:3-18 '63. (MIRA 17:5)

L 18386-65 EWG(v)/EWT(l)/EEC(t) Pe-5/Pae-2 SSD/AFWL/AFETR/ESD(t) G  
ACCESSION NR: AR4040393 S/0269/64/000/005/0042/0042

SOURCE: Ref. zh. Astron. Otd. vy\*p., Abs. 5.51.339

AUTHOR: Ambartsumyan, V. A. ; Iskudaryan, S. G. ; Shukhbazyan, R. K. ; Saakyan, K. A.

TITLE: Superassociations in remote galaxies

CITED SOURCE: Soobshch. Byurakansk. observ. vy\*p. 33, 1963, 3-13

TOPIC TAGS: stellar association, stellar superassociation, galaxy, irregular galaxy, Large Magellanic Cloud, Small Magellanic Cloud, Ursa Major, supergiant, nebula

TRANSLATION: The complex 30 Dor in the Large Magellanic Cloud considerably exceeds other associations in luminosity ( $M = -15^m$ ; 0) and diameter (600 parsecs). The authors assign it to a special class of objects — superassociations. Searches have been made for superassociations in distant galaxies on photographs taken with the use of a 21" Schmidt reflector. Data are presented which were obtained in a study of 68 galaxies from the Shapley-Ames catalogue, mostly of type Sc and with known radial velocities. In the determination of absolute values it was assumed that  $H = 75$  km/sec-Mpc. Superassociations have been discovered in 12 galaxies; in most cases these are supergiant

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L 18386-65

ACCESSION NR: AR4040393

galaxies with  $M_C - 20^m - 5$ . Often one galaxy contains several superassociations. The luminosity of the latter is less than the luminosities of galactic centers and superassociations are bluer than galactic centers. Superassociations are also found in irregular galaxies. Maps of the Palomar Atlas were also used for finding superassociations. A review of 250 objects with known radial velocities from the Shapley-Ames catalogue, after exclusion of 100 galaxies with overexposed images, made it possible to detect superassociations in 21 galaxies. In addition, superassociations were discovered in 13 of the 137 galaxies with diameters exceeding  $1''$  in the cluster in Ursa Major. In estimating the lower boundary of the age of the complex 30 Dor from the diameter of the complex and the velocity of expansion ( $6 \cdot 10^7$  years) the authors conclude that during the period of development of the complex some ten generations of supergiants should have appeared in it and thousands of stars of high luminosity should have developed. The authors speculate on the mechanism of development of stars and nebulae in the Large and Small Magellanic Clouds and postulate that the stars and nebulae develop in associations and superassociations jointly from prestellar bodies whose nature is, for the time being, unknown. Bibliography with 7 items. B. Fesenko.

SUB CODE: AA

ENCL: 00

Card 2/2

KOLKACHEVA, T.V.; ISKULOVA, G.G.; LUBYANSKAYA, M.G.; SHTEYNER, I.V.

Liver function in hypertension. Trudy Uz.gos.nauch.-issl. inst.kur.  
i fizioter. 13:103-109 '55.

Liver function in hypertension treated with hydroaerionization  
by Professor E.A.Cherniavskii's method. Ibid.:215-218

Liver function in hypertension treated with radon baths. Ibid.:  
275-278 (MIRA 18:2)

ISKUM EXCERPTA MEDICA Sec 16 Vol. 5/11 Cancer Nov 57

4109. CSABA G. and ISKUM M. Dept. of Morphol., Res. Inst. for Exp. Med., Hungarian Acad. of Sci., Budapest *Reaction of newborn rats to the heterologous transplantation of Ehrlich's mouse-ascites tumour* Acta biol. Acad. Scient. hung. (Budapest) 1956, 6/3-4 (273-278) Tables 1 Illus. 3

When the transplantation of Ehrlich mouse ascites tumour was carried out in newborn rats it was successfully transferred for 8 passages but then died out in the rats though it was still positive in mice for one further generation. It never grew in adult rats though tested at every passage. The authors attribute their results to the undeveloped immune system in immature animals. There was evidently some factor which vitiated the tumour cells since it eventually died out instead of continuing indefinitely.

Toolan - New York, N.Y.

So: EEAL LIB of Congress  
Vol. 5, No. 12, Dec. 1956



CSABA, Gyorgy; ISKUM, Miklos

Reaction of newborn rats to the heterologous transmission of Ehrlich's mice ascites tumor. Kiserletes orvostud. 8 no.2: 175-179 March 56.

1. Magyar Tudomanyos Akademia Kiserleti Orvost. Kutato Intez. Morfologiai Osztalya.

(NEOPLASMS, exper.

Ehrlich's ascites tumor in mice, reaction of newborn rats to transm. (Hun))

HUNGARY/General Problems of Pathology. Transplantation of  
Tissues and Tissue Therapy.

U-2

Abs Jour : Ref Zhur - Biol., No 20, 1958, 93797

Authors : Csaba, Gy.; Iskan, M.

Inst : AS Hungary

Title : Heterotransplantations with Application of Anti-anti-  
Organic Sera. II. Tissue Transplants of Endocrine Glands  
of an Embryo.

Orig Pub : Acta biol. Acad. sci. hung., 1957, 8, No.1, 67-71.

Abstract : Rabbits were immunized with spleen tissue of dogs. The re-  
sulting serum was injected into mice which had received trans-  
plants of pieces of adrenal cortex (A) and sexual glands from  
dog embryos. Control animals with transplants of A died with-  
in 3-4 days, while 60% of the test animals survived. After  
1-2 months the transplants had the usual form of normal A tissue

Card 1/2

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CSABA, Gyorgy, as orvostudományok kandidátusa; ISKUM, Miklos

Transplantation of embryonal endocrine tissues after the administration of anti-antiorgan sera. *Magy. Tudom. Akad. Biol. Orv. Oszt. Kozl.* 8 no.4:451-455 1957.

1. Az MTA Kiserleti Orvostudományi Kutató Intézet Morfológiai Osztálya és a Budapesti Orvostudományi Egyetem Szövet-Fejlődéstan Intézete.

(IMMUNE SERUMS, eff.

anti-antiorgan serum pretreatment on heterotranspl. of embryonal endocrine tissues (Hum))

(ENDOCRINE GLANDS, transpl.

eff. of anti-antiorgan serum pretreatment on heterotranspl. of embryonal endocrine tissues (Hum))

COUNTRY : Hungary B-4  
CATEGORY :  
ABS. JOUR. : RZBiol., No. 1 1959, No. 286  
AUTHOR : Csaba, G.; Iskum, M.  
INST. : Hungarian Academy  
TITLE : Heterotransplantation of the Spleen of  
Animals of Phylogenetically Disparate  
Development.  
ORIG. PUB. : Magyar tud. akad. Biol. csop. kozl., 1958,  
1, No 3-4, 379-386  
ABSTRACT : 83 mice and 43 albino rats were subjected  
to grafting of heterotransplants of spleen tissue of  
animals of other phylogenetic groups. The authors found  
that heterotransplants taken from mammals died, while the  
spleen tissues taken from hens and tritons retained their  
viability for a long time and formed an organ. The ex-  
periments emphasize the important role of the factors of  
assimilation and adaptation in shaping the fate of the  
heterotransplants.

CARD:

23

*ISKUN, Miklos*

CSABA, Gyorgy; ISKUN, Miklos

Adaptation and heterotransplantation of spleen tissue in tissue culture.  
Kiserletes orvostud. 10 no.1:66-70 Feb 8.

1. Budapesti Orvostudományi Egyetem Szövet- és Fejlődéstan Intézete.  
(SPLEEN, transpl.  
exper. heterotranspl. after adaptation to blood serum of  
recipient animal in tissue culture (Hun))

SOLTI, Ferenc; SIMONYI, Gusztav; REV, Judit; HERMANN, Robert; PETER, Agnes;  
ISKUM, Miklos

Studies on cerebral venous pressure in human subjects. (Relation-  
ship between brain-venous pressure, systemic venous pressure and  
venous and cerebrospinal pressure). Ideg.szemle 12 no.12:  
362-367 D '59.

1. A Budapesti Orvostudományi Egyetem I. sz. Belklinikájának  
(Igazgató: Dr. Russnyak Istvan egyetemi tanár) és Idegkörtani  
Klinikájának (Igazgató dr. Horanyi Bela egyet. tanár) közleménye.  
(BRAIN blood supply)  
(BLOOD PRESSURE physiol)

SOLTI, J.; ISKUM, M. with the technical assistance of M. Braun.

Effect of strophanthin on venous pressure and on venous tone.  
Acta med. hun. 14 no.4:397-403 '59.

1. 1st Department of Medicine of Budapest University Medical School.  
(STROPHANTHIN pharmacol.)  
(BLOOD PRESSURE pharmacol.)

SOLTI, Ferenc; PETER, Agnes; SIMONYI, Gusztav; ISKUM, Miklos; REFI, Zoltan;  
DUBSKY, Maria

Effect of strophanthin on the blood circulation and potassium  
and sodium metabolism of the brain, also on cerebral venous  
pressure. Ideg. szemle 13 no.3:85-90 Mr '60.

1. A Budapesti Orvostudományi Egyetem I. sz. Belklinikájának  
(Igazgató: Dr. Ruzsnyak, István egyetemi tanár) és Idegkörtani  
Klinikájának (Igazgató: Dr. Horányi, Béla egyetemi tanár) közleménye.  
(STROPHANTHIN pharmacol.)  
(BRAIN pharmacol.)  
(POTASSIUM metab.)  
(SODIUM metab.)



SOLTI, F.; MARTON, I.; HERMANN, R.; ISKUM, N.; Technikai munkatars: Takacs, F.

ECG and blood circulation changes and mechanisms of their origin after sodium increase in the blood serum. Kiserletes Orvostud. 12 no. 2: 165-174 Ap '60.

1. Budapesti Orvostudományi Egyetem I. sz. Belklinika ja.  
(SODIUM blood)  
(ELECTROCARDIOGRAPHY)  
(BLOOD CIRCULATION)

SOLTI, F.; MARTON, I.; HERMANN, R.; ISKUM, M. mid der technischen Assistenz  
von F. Takacs.

Changes in the ECG and blood circulation after the increase of  
sodium in the blood serum and mechanisms of their appearance.  
Acta physiol. hung. 17 no. 3: 321-334 '60.

1. Medizinische Universitätsklinik, Budapest.

(SODIUM blood)  
(ELECTROCARDIOGRAPHY)  
(BLOOD CIRCULATION)

SOLTI, Ferenc, dr.; ISKUM Mikos, dr.

Experimental studies and clinical observations on carotid sinus syndrome; *Orv. hetil.* 101. kö. 33:1175-1178 14 Ag. '60.

1. Budapesti Orvostudományi Egyetem, I. sz. Belklinika.  
(CAROTID SINUS dis)

SOLTI, Ferenc; SIMONYI, Gusztav; REV, Judit; ISKUM, Miklos; HERMANN,  
Robert; ACS, Gyorgy

Effect of sodium nitrate on the venous pressure of the brain.  
(Studies on venous pressure changes after the administration of  
sodium nitrate by means of the simultaneous examination of the  
cubital and external jugular veins). Kiserletes Orvostud. 12 no.5:  
485-490 0 '60.

1. Budapesti Orvostudományi Egységen I. sz. Belklinikáján és  
Idegkörtani klinikáján.

(BRAIN blood supply)

(NITRATES pharmacol)

SOLTI, F.; MARTON, I.; ISKUM, M.; HERMANN, R.

Study on electrocardiographic and circulatory changes in modified pressure in the lesser circulation in dogs. Kiserletes orvostud. 13 no.3:293-305 Je '61.

1. Budapesti Orvostudományi Egyetem I. sz. Belklinikája.

(BLOOD PRESSURE *physiol*)  
(BLOOD CIRCULATION *physiol*)  
(ELECTROCARDIOGRAPHY)

SOLTI, Ferenc; PETER, Agnes; OLAH, Imre; SIMONYI, Gusztav; ISKUM, Miklos;  
REV, Judit; HERMANN, Robert

Effect of sodium nitrate on the cerebral circulation, central  
retinal arterial pressure and cerebrospinal fluid pressure.  
Kiserletes orvostud. 13 no.3:305-310 Je '61.

1. Budapesti Orvostudományi Egyetem I. sz. Belklinikája és Neuro-  
logiai klinikája.

(NITRATES pharmacol) (BRAIN blood supply)  
(RETINA blood supply) (CEREBROSPINAL FLUID pharmacol)

SZABO, Gy.; SOLTI, F.; REV, J.; ISKUM, M.; HERMANN, R.

Effect of lowered effective volume of circulating blood on the minute volume in normal subjects and in patients with cardiac decompensation. Magy belerv. arch. 14 no.2:61-64 My '61.

1. A Budapesti Orvostudományi Egyetem I ss. Belklinikájának közleménye (Igazgató: dr. Ruzsnyak István egy. tanár)

(BLOOD VOLUME) (HEART FAILURE CONGESTIVE)

SOLTI, F.; ISKUM, M.

The effect of anesthesia on venous pressure and venous tone. Acta  
med.hung. 17 no.1:1-5 '61.

I. I. medizinische Klinik (Direktor: Prof. Dr. I. Ruzsnyak) der  
medizinischen Universität, Budapest.  
(BLOOD PRESSURE pharmacol.)  
(HEART FAILURE CONGESTIVE pharmacol.)  
(BARBITURATES anesth & anal.)



SOLTI, F.; ISKUM, M.; ZOLTAN, E.T.

The effect of nicotine on venous pressure and venous tone. Acta  
med. hung. 17 no.2;109-116 '61.

1. Medizinische Klinik (Direktor: Prof. Dr. I. Ruzsanyik) der medizini-  
schen Universität Budapest.

(NICOTINE pharmacol.) (BLOOD PRESSURE pharmacol.)  
(VEINS pharmacol.)

SOLTI, F.; PETER, A.; ISKUM, M.; HERMANN, R.; PREISICH, P.

Studies of the cerebral circulation and cerebral metabolic changes in man: The method of investigation. Acta med. hung. 17 no.2:117-125 '61.

1. 1st Department of Medicine (director: professor I. Ruszyak) and Department of Neurology (director: professor B. Horanyi), University Medical School, Budapest.  
(BRAIN blood supply) (CEREBROVASCULAR DISORDERS physiol.)

SOLTI, F.; MAGYAR, Zs.; MARTON, I.; ISKUM, M.; HERMANN, R.

ECG and blood circulation changes in modified tonus of walls of the small intestine and gallbladder. Acta physiol. acad. sci. hung. 20 no.4:393-403 '61.

1. I medizinische klinik der medizinischen universitat, Budapest.

(ELECTROCARDIOGRAPHY) (BLOOD CIRCULATION physiol)  
(INTESTINE SMALL physiol) (GALLBLADDER physiol)

SOLTI, F.; MARTON, I.; ISKUM, M.; HERMANN, R.

Role of the central nervous system in the appearance of ECG and circulatory changes caused by hypokalemia. Kiserl. orvostud. 14 noll:91-99 Mr '62.

1. Budapesti Orvostudományi Egyetem I. sz. Belklinikája.  
(POTASSIUM defic) (ELECTROCARDIOGRAPHY)  
(CENTRAL NERVOUS SYSTEM physiol) (BLOOD CIRCULATION)

SOLTI, F.; MAGYAR, Zs.; MARTON, L.; ISKUM, M.; HERMANN, R.

Studies on ~~the~~ and circulatory changes following modification of the tonus of the small intestine or the gallbladder in dogs in experimental conditions. Kiserl. orvostud. 14 no.2:121-131 Ap '62.

(ELECTROCARDIOGRAPHY) (VASOMOTOR SYSTEM physiol)  
(INTESTINE SMALL physiol) (GALLBLADDER physiol)

SOLTI, F.; PETER, A.; OLAH, I.; ISKUM, M.; REV, J.; HEIMANN, R.; REFI, Z.

Effect of nicotine on cerebral blood circulation and venous pressure.  
Kiserl. orvostud. 14 no.3:269-272 Je '62.

1. Budapesti Orvostudományi Egyetem I. sz. Belklinika és  
Idegklinika.

(BRAIN blood supply) (NICOTINE pharmacol)

SOLTI, F.; PETER, A.; SIMONYI, G.; ISKUM, M.; REFI, Z.; DUBSKI, M.; RAHDL, J.

The effect of strophanthin on cerebral blood flow, potassium and sodium metabolism, and cerebral venous pressure. *acta med. Hung.* 18 no.2:163-168 '62.

1. First Department of Medicine (Director: Professor I. Ruzsnyak) and Department of Neurology (Director: Professor B. Horanyi), University Medical School, Budapest.

(STROPHANTHIN pharmacology) (BRAIN blood supply)  
(BRAIN metabolism) (SODIUM metabolism) (POTASSIUM metabolism)

SOLTI, F.; SIMONYI, G.; REV, J.; ISKUM, M.; HERMANN, R.; ACS, Gy.

On the effect of sodium nitrite on cerebral venous pressure. Acta med. Hung. 18 no.2:167-174 '62.

1. I. Medizinische Klinik (Direktor: Prof. Dr. I. Ruzsnyak) und  
Neurologische Klinik (Direktor: Prof. Dr. B. Horanyi) der  
Medizinischen Universität Budapest.

(NITRITES pharmacology)	(BRAIN blood supply)
(BLOOD PRESSURE pharmacology)	(JUGULAR VEIN physiology)



SOLTI, F.; SIMONYI, G.; ISKUM, M.; PETER, Agnes; REFI, Z.; HERMANN, R.

On the effect of stellate block on arterial and venous brain circulation.  
Acta med. Hung. 18 no.3:287-292 '62.

1. I. Medizinische Klinik (Direktor: Prof. Dr. I. Ruzsnyak) und  
Neurologische Klinik (Direktor: Prof. Dr. B. Horanyi) der Medizinischen  
Universität Budapest.

(AUTONOMIC NERVE BLOCK) (BRAIN) (BLOOD CIRCULATION)  
(CEREBRAL ARTERIES)

SOLTI, F.; MARTON, I.; ISKUM, M.; HERMANN, R.

The role of the central nervous system in the development of hypokalemic ECG- and circulatory changes. Acta physiol. acad. sci. hung. 21 no.1:93-101 '62.

1. I Medizinische Klinik der Medizinischen Universität, Budapest.

(CENTRAL NERVOUS SYSTEM physiology)  
(POTASSIUM blood) (ELECTROCARDIOGRAPHY)  
(BLOOD CIRCULATION)

SOLTI, F.; ISKUM, M.; MATHE, Z.; MARK, Gy.; ACS, Gy.

Effect of procaine on coronary circulation. Acta physiol. acad.  
sci. hung. 21 no.4:353-357 '62.

1. 1st Department of Medicine, Medical University, Budapest.  
(PROCAINE) (CORONARY VESSELS)

SOLTI, F.; PETER, A.; OLAH, I.; ISKUM, M.; REV, J.; HERMANN, R.;  
REFI, Z.

The acute effect of nicotine on cerebral blood flow and  
cerebral venous pressure. *Cor vasa* 5 no.3:197-202 '63.

1. First Medical Clinic and Neurological Clinic of the Uni-  
versity Medical School, Budapest.

(CEREBROVASCULAR CIRCULATION) (RETINAL VESSELS)  
(BLOOD PRESSURE) (BLOOD FLOW VELOCITY)  
(NICOTINE)

HUNGARY

SOLTI, F., ISKUM, M., PETER, A., REV, J., HERMANN, R., FOLDESY, K.;  
Medical University of Budapest, I. Medical Clinic and Nerve-Pathologi-  
cal Clinic (Budapesti Orvostudományi Egyetem I. sz. Belklinika es Ideg-  
kortani Klinika).

"Investigations on the Effect of Devincan on the Cerebral Circulation,  
Venous Pressure in the Brain and Oxygen Consumption of the Brain in  
Humans."

Budapest, Kiserletes Orvostudomány, Vol XV, No 3, June 1963, pp 284-286.

**Abstract:** [Authors' Hungarian summary] The effect of Devincan on the  
circulation and oxygen consumption of the brain has been studied on 11  
(mostly hypertensive) patients. After administration of Devincan, in  
addition to a moderate lowering of the blood pressure, the blood flow  
in the brain increased somewhat and the resistance of the brain vessels  
decreased. The venous pressure change was not uniform, but decreased  
slightly in the majority of the cases studied. Oxygen consumption of  
the brain was virtually unchanged. As a result of the study, the authors  
advocate an attempt for the therapeutic use of Devincan in cases of  
hypertension complicated by cerebral circulation disturbances. 2 Hungar-  
lian, 3 Western references.

1/1

HUNGARY

SOLTI, F., ISKUM, M., PETER, A., REV, J., HERMANN, R., FOLDESY, K.;  
Medical University of Budapest, I. Medical Clinic and Nerve-Pathologi-  
cal Clinic (Budapesti Orvostudományi Egyetem, I. sz. Belklinika).

"Experimental Investigations on the Effect of Hypoxia on the Coronary Cir-  
culation in Dogs."

Budapest, Kiserletes Orvostudomány, Vol XV, No 3, June 1963, pp 295-299.

**Abstract:** [Authors' Hungarian summary] The mechanism of the changes occur-  
ring in the coronary circulation due to hypoxia has been studied by means  
of an isolated cerebral and isolated trunk hypoxia in crossed circulation  
experiments on dogs. Isolated trunk hypoxia results in a definite increase  
of the coronary circulation and decrease of the resistance of the coronary  
vessels. During isolated cerebral hypoxia, a reflex coronary spasm is ob-  
served which is followed -after the hypoxia- by a reflex coronary dilation  
of central origin. 4 Western, 4 Hungarian references.

1/1

HUNGARY

SOLTI, F., ISKUM, M., MARK, G., and HERMANN, R., of the First Department of Medicine of the Medical University, Budapest [Original version not given].

"The Effect of Hypoxia on Coronary Blood Flow"

Budapest, Acta Physiologica Academiae Scientiarum Hungaricae, Supplement to Vol 22, 1963; p 10.

Abstract [Authors' English summary]: In dogs with crossed circulation and isolated perfusion of the head, the effect on coronary circulation of isolated cerebral and isolated trunk hypoxia has been studied. In response to isolated cerebral hypoxia, coronary flow decreased and coronary resistance significantly increased. After the relief of hypoxia coronary dilatation with a significant diminution of coronary resistance occurred. Under isolated trunk hypoxia coronary flow was considerably increased and coronary resistance decreased. Cardiac output increased slightly in isolated cerebral hypoxia, and significantly in isolated trunk hypoxia. Blood pressure increased significantly in both cases.

1/1

SOLTI, F.; PAPP, M.; ISKUM, M.; MARTON, I.; HERMANN, R.

Changes in the Ecg and circulation of dogs due to changes in the tone of the renal pelvis and bladder. Acta physiol. acad. sci. hung. 23 no.1:1-7 '63.

1. First Department of Medicine, Medical University, Budapest.  
(KIDNEY PELVIS) (BLADDER) (BLOOD CIRCULATION)

ISKUM, Miklos

HUNGARY

SOLTI, Ferenc, KOMAROMI, Istvan, SIMONYI, György, ISKUM, Miklos, REV, Judit, and REFI, Zoltan, of the First Department for Medicine and Department for Neuropathology at the Medical University (Orvostudományi Egyetem I.sz. Belklinika és Idegkörtani Képzőintézet) in Budapest.

"Effect of Hypoxia on Venous Pressure in the Brain"

Budapest, Acta Physiologica Academiae Scientiarum Hungaricae, Vol 23, No 1, 1963, pp.9-12.

Abstract: [English article; authors' English summary] Acute hypoxia has been found to be followed first by an increase in venous tone and then by a rise in cerebral and systemic venous pressure. These phenomena subsided after the termination of hypoxia. Administration of Dibenzamine prevented the hypoxic increase of both venous tone and venous pressure. Twelve references, including 3 Hungarian, 4 German, and 5 Western.

1/1



SOLTI, F.; ISKUM, M.; MARK, Gy.; HERMANN, R.

Effect of hypoxia on the coronary circulation of the dog. Acta  
physiol. acad. sci. hung. 23 no.3:269-274 163.

1. First Department of Medicine, Medical University, Budapest.  
(BLOOD CIRCULATION) (HEART) (ANOXIA) (CEREBRAL ANOXIA)

SZABO, Gyorgy; SOLTI, Ferenc; PETER, Agnes; ISKUM, Miklos; REV, Judit;  
FOLDESY, Klara

The effect of the decrease of the effective circulating blood volume on the brain circulation and the resistance of the brain vessels. Biol orv.kosl MTA 13 no.1-2:153-157 '62.

1. Budapesti Orvostudományi Egyetem I. sz. Belklinikája.

SOLTI, F., dr.; KRASZNAI, I., dr.; REV, J., dr.; ISKUM, M., dr.;  
MARK, Gy., dr.; FOLDESY, K., dr.

Experimental studies on the use of the  $I^{131}$  "Muscle clearance"  
and the nitrogen monoxide method for measuring peripheral  
blood flow. Orv. hetil. 104 no.37:1745-1748 15 S '63.

1. Budapesti Orvostudományi Egyetem, I. Belklinika.  
(IODINE ISOTOPES, DIAGNOSTIC)  
(NITROUS OXIDE) (BLOOD FLOW VELOCITY)  
(MUSCLES) (EXTREMITIES)  
(BLOOD PRESSURE DETERMINATION)  
(TISSUE METABOLISM) (OXYGEN)  
(HYPERTENSION) (ARTERIOSCLEROSIS)  
(INTERMITTENT CLAUDICATION)

SOLTI, F.; ISKUM, M.; KRASZNAI, I.; MARK, Gy.; REV, J.; FOLDESSY, K.; HERMANN, R.

Effect of chlorpromazine on peripheral circulation and on the oxygen consumption of the extremities muscles. Cor. vasa 6 no.2:130-137 '64

1. First Department of Medicine, University of Budapest, Hungary.

SOLTI, F.; ISKUM, M.; PETER, A.; REV, J.; HERMANN, R.; FÖLDESSY, K.

Effect of devincan on cerebral circulation, cerebral venous pressure and cerebral oxygen consumption in man. Cor.vasa 6 no.2:138-141 '64.

1. First Department of Medicine and Department of Neuropathology, Medical University, Budapest, Hungary.

\*

SOLTI, F.; ISKUM, M.; PETER, A.; REV, J.; HERMANN, R.; FOLDESY, K.

Study of the effect of Devincan on cerebral blood circulation, cerebral venous pressure and cerebral oxygen consumption in men. Kiserl. orvostud. 15 no. 3:284-286 Je '63.

1. Budapesti Orvostudományi Egyetem I. sz. Belklinikája és Idegkörtani Klinikája.

(ALKALOIDS) (ANTIHYPERTENSIVE AGENTS) (BLOOD CIRCULATION)  
(TISSUE METABOLISM) (BRAIN) (HYPERTENSION)

PETER, Agnes, dr.; SOLTI, Ferenc, dr.; ISKUM, Miklos, dr.

Relations of cerebral circulation to cerebrovascular disorders. Ideggyogy. szemle 17 no.2:51-58 F'64.

1. A Budapesti Orvostudományi Egyetem Neurológiai klinikája (igazgató: Horányi, Béla, dr.) és a Budapesti Orvostudományi Egyetem I. sz. Belklinikája (igazgató: Rusznyak, István, dr.) közleménye.

\*

SZABO, Gy.; SOLTI, F.; PETER, Agnes; ISKUM, M.; REV. Judit; FOLDESY, Klara

On the effect of reduced circulating blood volume on cerebral circulation and resistance in man. Acta med. Acad. sci. Hung. 20 no.2:107-112 '64

1. Medizinische Klinik (Direktor: Prof. Dr. I. Rusznyak) und neurologische Klinik (Direktor: Prof. Dr. B. Horanyi) der medizinischen Universität, Budapest.



SOLTI, Ferenc, dr.; ISKUM, Miklos, dr.; KRASZNAI, Istvan, dr.; ~~MAK~~,  
Gyorgy, dr.; REV, Judit, dr.; FOLDESZ, Klara, dr.; HERMANN,  
Robert, dr.

Effect of chlorpromazine (Hibernal) on the circulation and  
on the oxygen consumption by muscles of extremities. Orv.  
hetil. 105 no.8:344-346 23 F'64.

1. Budapesti Orvostudomanyo Egyetem, I. Belklinika.

SOLTI, F.; ISKUM, M. Technische Assistentin: BRAUN, E.

On the effect of decrease of the actively circulating blood volume on venous pressure and venous tone. Acta med. Acad. sci. Hung. 20 no.3:227-232 '64

1. I Medizinische Klinik (Direktor: Prof. Dr. I. Ruzsnyak)  
der Medizinischen Universität, Budapest.

SOLTI, F.; ISKUM, M.; NAGY, Julia

Studies on the acute cardiac action of strophanthin in the dog  
by means of cardiac denervation. Acta physiol. acad. sci. Hung.  
26 no.4:377-385 '65

1. First Department of Medicine, University Medical School,  
Budapest.

SOLTI, F.; KRASZNAI, I.; REV, J.; ISKUM, M.; MARK, Gy.; FOLDESY, K.

Measurement of extremital blood flow by <sup>131</sup>I muscle clearance  
and the nitrous monoxide method. Acta med. acad. sci. Hung.  
21 no.1:99-106 '65.

1. First Department of Medicine, University Medical School,  
Budapest.

SOLTI, F.; HOLLO, I.; ISKUM, M.; NAGY, J.; RUZSA, F.

On the effect of female sex hormones on the circulation and blood supply of the extremities in the dog. Acta med. acad. sci. Hung. 21 no.3:337-341 '65.

1. I. Medizinische Klinik (Direktor: Prof. I. Magyar) der Medizinischen Universität, Budapest. Submitted March 29, 1965.

I. 15477-66

ACC NR: AT6007436

SOURCE CODE: HU/2505/65/026/00X/0043/0044

AUTHOR: Solti, F.; Isekum, M.; Krasznai, I.; Hermann, R.; Nagy, Julia; Ruzsa, P. 23

ORG: I. Department of Medicine, Medical University of Budapest, Budapest (Budapesti Orvostudományi Egyetem, I. Belgyógyászati Tanszék) 34

TITLE: Effect of an acute increase in cardiac output on cerebral and peripheral blood flow / This paper was presented at the 29th Meeting of the Hungarian Physiological Society held in Szeged from 2 to 4 July 1964

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 26, Supplement, 1965, 43-44

TOPIC TAGS: dog, cardiovascular system, cerebrum, radiolotope

ABSTRACT:

In response to an acute increase in cardiac output (induced by a rapid infusion of a physiological NaCl solution, 10 ml/kg) in the dog, the blood flow in the internal carotid and the vertebral artery increased moderately while that in the femoral artery increased greatly, as determined with a floating rotameter. According to results of clinical experiments, the acute increase in cardiac output on

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L 15477-58

ACC NR: AT6007436

the infusion of 5 ml/kg saline significantly increased the cerebral and peripheral blood flow. The oxygen and glucose uptake by tissues of the brain and extremities increased, cerebral vascular resistance decreased slightly, vascular resistance in the extremities diminished markedly. The cerebral fraction of cardiac output decreased slightly while the peripheral fraction increased. The venous isotope dilution method was used for the latter determinations. [JPRS]

SUB CODE: 06 / SUBM DATE: none

LB  
Card 2/2

ISKUM, YU

Otechestvennyye Poroooy Krufnogo Nogatogo Skota  
(Native Breeds of Large Horned Cattle)

Moskva, Sel 'Khozgiz, 1949.

173 P. Illus. , Tables.



KARMAZIN, V.I.; BEHESH, A.A.; DEGTYARENKO, A.V.; ISKUMENKO, V.M.

Electrostatic separation of fine grained materials at high-  
speed operating conditions. TSvet. mat. 38 no.11:58-59 N 165.  
(MIRA 18:11)

ISKYUL, N.Y.

Corals from the Podkamennaya Tunguska. Trudy Geol. muz. AN SSSR  
no.1:84-102 '57. (MIRA 11:4)  
(Podkamennaya Tunguska River--Corals, Fossil)

ISKYUL, N.V.; KUZNETSOV, S.S.

Stratigraphic position of Ordovician layers containing *Asaphus*  
*expansus* in the Baltic region. Vest. IGU 15 no.24:40-44 '60.  
(MIRA 13:12)  
(Baltic Sea region—Geology, Stratigraphic)

1176

ISKYUL', N.V.; KUZNETSOV, S.S.

Geomorphology of the Lava Valley. Uch.zap.IGU no.298:137-143 '61.

(MIRA 15:2)

(Lava Valley--Geomorphology)

ISKYUL', Nadezhda Vladimirovna; KUZNETSOV, Sergey Sergeevich;  
KULIKOV, M.V., red.izd-va; BOCHEVER, V.T., tekhn.red.

[Outline of the geology of the Lava Valley (Leningrad  
Province)] Geologicheskii ocherk doliny reki Lavy  
(Leningradskaia oblast'). Moskva, Izd-vo Akad. nauk  
SSSR, 1962. 35 p. 13 plates. (Akademiia nauk SSSR.  
Geologicheskii muzei. Trudy, no.11). (MIRA 15:11)  
(Lava Valley--Geology)

ISKYUL', Nadezhda Vladimirovna; TALDYKINA, Kira Sergeevna; KUZNETSOV, S.S., doktor geol.-miner. nauk, otv. red.; SHENGER, I.A., red. izd-va; GALIGANOVA, L.M., tekhn. red.

[Guidebook for the A.P.Karpinskii Geological Museum of the Academy of Sciences of the U.S.S.R.; history of the earth and life] Putevoditel' po Geologicheskomu muzeiu im. A.P.Karpinskogo AN SSSR; istoriia Zemli i zhizni. Moskva, Izd-vo Akad. nauk SSSR, 1962. 95 p. (MIRA 16:1)  
(Leningrad—Geological museums)

ISKYUL', N.V.

Science and popular science works of Professor S.S. Kuznetsov. Trudy  
Geol. muz. AN SSSR no.14:10-19 '63. (MIRA 17:11)

L 02398-67 EWP(c)/EWP(k)/EWT(d)/EWT(m)/EWP(h)/T/EWP(l)/EWP(v) IJP(c) WW/DJ/JXT/GD

ACC NR: AT6015204

(A,N)

SOURCE CODE: UR/0000/66/000/000/0118/0125

AUTHOR: Kosyakin, A. R.; Uspenskaya, Ye. A.; Iskusnykh, Yu. V.

53

ORG: None

51

TITLE: Evaluating the work capacity of greases used in ball bearings

B+1

SOURCE: Metody otsenki ekspluatatsionnykh svoystv reaktivnykh topliv i smazochnykh materialov (Methods for the performance evaluation of jet propellants and lubricants). Moscow, Izd-vo Mashinostroyeniye, 1966, 118-125

TOPIC TAGS: lubricant, ball bearing, grease

ABSTRACT: Experimental data are given on a new method for comparative evaluation of the work capacity of greases used in high-speed closed roller bearings operating at temperatures below 350°C. Duration of normal bearing operation is used as the criterion for evaluating the work capacity of the lubricants. The point of binding is assumed as the breakdown point of normal bearing operation. Binding is characterized by disruption of smooth bearing operation and by a significant temperature increase in the external ring. 7VP180506BT3 ball bearings were tested on the IS-9 unit. Several bearings belonging to a single precision class were used for each testing stage. These bearings were washed in benzene and acetone before testing, and the clearances between the rings and separators were filled with the lubricant to be tested, 1.5 and

Card 1/2

UDC: 662.753.32:629.13.001.4

Card 1/2



ISLAMBEKOV, R.K.

Morphology of the otic ganglion. Arkh. anat. gist. i embr. 32 no.4:  
36-39 0-D '55. (MIRA 9:5)

1. Iz Kafedry normal'noy anatomii (zav. kafedroy-prof. Z.G. Slobodin) Tashkentskogo meditsinskogo instituta imeni V.M. Molotova.  
(GANGLIA, AUTONOMIC, anatomy and histology,  
otic ganglion)

USSR / Human and Animal Morphology, Normal and Pathological. 8-1

Abs Jour : Ref Zhur - Biol., No 18, 1958, No 83596

Author : Islambekov, P. K.

Inst : AS UzbekSSR, Tashkent State Medical Institute

Title : Parotid Gland and Auricular Ganglion in Man

Orig Pub : Sb. nauchn. tr. Tashkentsk gos. med. in-ta, Tashkent, AN, UzSSR, 1957, 486-489.

Abstract : The structure of the parotid gland (PT) and of the auricular ganglion is subject to variation during growth. In embryos and fetuses, PG consists of undifferentiated glandular elements. The stroma predominates over the parenchyma. Towards the 8th month, there is an increase in the relative content of the glandular elements. In the first months of life, both the size of glandular vesicles and the caliber of ducts increase. In the 6-7-month old child, the parotid gland resembles that of the adult. In

ISLAMBEKOV, R.K., kand. med. nauk

Case of atresia of the small and large intestine. Med. zhur.  
Uzb. no.5:69-70 My '58. (MIRA 13:6)

1. Iz kafedry obshchey khirurgii lechebnogo fakul'teta (zav. -  
prof. Kh.G. Gafurov) Tashkentskogo gosudarstvennogo meditsin-  
skogo instituta.

(INTESTINES--OBSTRUCTION)

ISLAMBEKOV, R.K.

Treatment of peritonitis resulting from typhoid fever. Izv.  
AN Uz.SSR.Ser.med. no.3:33-37 '59. (MIRA 12:8)

1. Tashkentskiy gosudarstvennyy meditsinskiy institut.  
(PERITONITIS) (TYPHOID FEVER)

TURAKULOV, Ya.Kh.; SOROKIN, V.M.; ISLAMBEKOV, R.K.

Localization of protein-bound I<sup>131</sup> and the nature of iodized components  
in the thyroid gland at different intervals following the injections of  
radioiodine. Izv. AN Uz.SSR. Ser.med. no.4:47-52 '59. (MIRA 12:12)

1. Institut krayevoy meditsiny AN UzSSR.  
(IODINE--ISOTOPES) (THYROID GLAND--RADIOGRAPHY)

ISLAMBEKOV, R.K., kand.med.nauk

Dynamics of the absorption of radioactive iodine by normal thyroid gland as determined by counters and radioautography. Probl.endok. i gorm. 5 no.4:51-56 JI-Ag '59. (MIRA 13:2)

1. Iz laboratorii endemicheskogo zoba Instituta krayevoy meditsiny Akademii nauk Uzbekskoy SSR (direktor - dotsent Ya.Kh. Turakulov), nauchnyy rukovoditel' - prof. O.V. Nikolayev.

(THYROID GLAND metab.)

(IODINE metab.)

ISLAMBEKOV, R.K.

Dynamics of radioactive iodine absorption by the thyroid gland in experimental hyperthyroidism determined by means of counters and radioautography. Probl. endok. i gorm. 6 no. 2:11-17 Mr.-Ap '60.

(MIRA 14:1)

(HYPERTHYROIDISM) (IODINE--ISOTOPES) (AUTORADIOGRAPHY)

ISLAMBEKOV, R.K.; TURAKULOV, Ya.Kh., doktor biol. nauk, otv. red.;  
EYDEL'MAN, A.S., red.; KARABAYEVA, Kh.U., tekhn. red.

[Clinical morphological study of endemic goiter using radioactive iodine] Kliniko-morfologicheskoe issledovanie endemicheskogo zoba s primeneniem radioaktivnogo ioda. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1961. 195 p. (MIRA 15:7)  
(TASHKENT PROVINCE--GOITER) (IODINE--ISOTOPES)



ISLAMBEKOV, R. K.

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