GROMAN, M.B.

Graphs used in selecting corrections for spur gears and the instructions for their use. Vest. mash. 37 no.7:32-38 Jl '57.
(Gearing, Spur) (MLRA 10:8)

GROMAN, M.B.

Selecting parameters for rams and internal gear. Tekh.ugol. mash. no.1:20-34 '58. (MIRA 12:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy i proyektno-tekhnologicheskiy institut ugol'nogo mashinostroyeniya.
(Coal mining machinery) (Gearing)

25 (1) SOV/145-58-7/8-9/24

AUTHORS: Shneiderovich, R.M., Candidate of Technical Sciences, and Groman, M.B.,

TITLE: Displacement Criterion in Connection with Bearing Capacity of Shafts

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy - Mashinostroyeniye, 1958, Nr 7-8, pp 77-87 (USSR)

ABSTRACT: The article is devoted to establishing the critical loads acting on a shaft in connection with the maximum permissible displacement of components linked to it. The shaft critical displacement should be determined on the basis of a normal performance of the mechanism both for the case when the load is continuous and when it is of a short duration. In Fig 1 the authors analyze the effect of shaft deflection under the gear wheel. The value of permissible residual deflection is expressed by formula $f = \Delta_m h - 0.5E_o$, where E_o is initial eccentricity; $\Delta_m h$ - minimum per-

Card 1/3

Displacement Criterion in Connection with Bearing Capacity of Shafts

missible displacement of the initial contour. The next problem analyzed in the article is that of inclination of the shaft section under the gear wheel. This question was considered in the work by A.I. Petrusevich, "Toothed Gears", Machine Elements published by the Mashgiz, Volume 2, 1953, edited by N.S. Acherkan [1]. Permissible value of inclination angle θ_1 of one gear with respect to the inclination angle θ_2 of the other gear is determined by the function $\theta_1 = \left\{K_0 + 0.1\left(\frac{b}{d_1}\right)^2\right\}\frac{P}{Cb_2} - \theta_2$;

where K_0 is a coefficient determined by graphs given in Fig 2; $C = 54000$ kg/cm^2 for straight teeth; 67500 kg/cm^2 for bevel gears; P is normal force acting on the gear tooth; d_1 - diameter of the smaller gear forming the pair. The authors proceed by analyzing the effect of shaft inclination when supported by roller bearings (Figs 3 and 4), and refer to the work by R.D. Beyzel'man and B.V. Tsypkin, "Rolling Bearings", Mashgiz, 1953

Displacement Criterion in Connection with Bearing Capacity of Shafts

[2]. Finally, the authors establish the shaft angle of turn on a ball bearing support, expressing it by formula $\theta = \bar{\theta}\sqrt{\bar{\delta}_o \sqrt[3]{R^2} + \bar{g} - \bar{t}_o}\Delta t$; the values of $\bar{\theta}$, $\bar{\delta}_o$, $\bar{g}$ and $\bar{t}_o$ are given in Table 2 and depend on the ball bearing size. There are 3 graphs, 3 tables, 4 figures and 3 Soviet references.

ASSOCIATION: Moskovskiy aviatekhnologicheskiy institut IMASh AN SSSR (Moscow Avio-Technological Institute IMASh AS USSR)

SUBMITTED: March 14, 1958

SHNEYDEROVICH, R.M., kand. tekhn. nauk; GROMAN, M.B.

Static supporting capacity of shafts. Izv. vys. ucheb. zav.; mashinostr. no.9:71-89 '58. (MIRA 12:10)

1.Institut mashinovedeniya AN SSSR.
(Shafting)

GROMAN, M.B

PHASE I BOOK EXPLOITATION SOV/3728

Serensen, Sergey Vladimirovich, Roman Mironovich Shneyderovich, and Mikhail Borisovich Groman

Valy i osi; raschet i konstruirovaniye (Shafts and Axles; Calculation and Design) Moscow, Mashgiz, 1959. 253 p. Errata slip inserted. No. of copies printed not given.

Reviewer: D. M. Reshetov, Doctor of Technical Sciences, Professor; Ed.: I. I. Trapezin, Candidate of Technical Sciences, Docent; Ed. of Publishing House: L. N. Danilov; Tech. Ed.: B. I. Model'; Managing Ed. for Literature on General Technical and Transport Machine Building (Mashgiz): A. P. Kozlov, Engineer.

PURPOSE: This book is intended for designers.

COVERAGE: The book considers modern methods for calculating strength and rigidity of shafts and axles and the bases of practical design of shafts for modern machinery. Loads carried by different types of shafts (in machine tools, power generators, farm machinery, etc.) and the relationship between actual and theoretical loads are discussed.

Card 1/6

Calculation methods for shafts, for the selection of safe cross sections, and for determining the magnitude of stresses are described. Practical design of shafts, methods of strengthening shafts, and other problems are explained. The first section of the book deals with the most frequently occurring cases in the design and checking of shafts. Calculations connected with estimating the resistance of shafts to static and alternating stresses are discussed together with the characteristics of acting loads and modern concepts of safety factors. The second section of the book represents more specialized problems based on calculations of shafts according to allowable elastic and elastoplastic displacements. Problems in the calculation of statically indeterminate straight shafts and crankshafts are also discussed. The third section of the book is concerned with calculation examples for shafts and axles of production and power machinery. Emphasis is given to actual stress conditions and proper consideration in calculations of the mechanical properties of materials used. In the fourth section reference data for the calculation of shafts for static and fatigue strength are presented. According to the authors these data represent a generalization of corresponding data from other technical literature. No personalities are mentioned. There are 45 references: 44 Soviet and 1 German.

GROMAN, M.B.

Testing and adoption of the V.I.Novikov gear engagement. Tekh.ugol. mash. no.3:12-31 '57. (MIRA 14:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy i proyektno-tekhnologicheskiy institut ugol'nogo mashinostroyeniya.
(Gearing)

GROMAN, M.B.

Manufacturing gear wheels of plastics. Vest.mash. 40 no.3:39-45 Mr '60. (MIRA 13:6)
(Gearing) (Plastics)

S/122/60/000/003/006/015
A161/A130

AUTHOR: Droman, M.B.

TITLE: Designing gears from plastics

PERIODICAL: Vestnik mashinostroyeniya, no. 3, 1960, 39 - 45

TEXT: Peculiarities of plastic gears are generally discussed and compared with steel gears. Discussed data include graphs and tables of nylon gear properties from ASME no. 58-A-209, and nylon gears calculation method suggested by the University of Michigan. The author points out that the conventional design calculation methods obviously are not applicable for gears from plastics and the theory of plastic gear kinematics and dynamics has to be developed anew. Particularly high strength of herringbone teeth on plastic gears had been stated in experiments. The Soviet VNIIPTUGLEMASH and MATI Institutes are mentioned in connection with research work with plastic gears. VNIIPTUGLEMASH has obtained promising preliminary test results with double-enveloping worm gears from laminar wood plastic; MATI has provided data on the friction factor of the following plastics: (in static dry friction) "volokni" on steel - 0.25; "volokni" on polyamide - 0.23; "volokni" on polymethacrylate - 0.30; "volokni" on "polykaprolaktan" -

Card 1/3

S/122/60/000/003/006/015
A161/A130

Designing gears from plastics

0.28. The results of M.M. Tenenbaum's (VNIIPTUDLEMASH) experiments with scratch test for determining the wear resistance of plastics are illustrated. The author's general conclusions are: 1) The existing norms for steel gears cannot be used for designing power gear transmissions from plastics. 2) Plastics in comparison to steel have a 5-10 times lower strength, a 20-150 times higher resilience, a 60-200 times lower heat conductivity, a 3-5 times higher heat expansion, and their properties are changing considerably in narrow temperature range. 3) The permissible load on a single nylon gear tooth (breaking limit) is 4 times lower than for an average-hardness steel tooth (pitting limit), and about 7 times lower than the breaking limit for hardened steel tooth. 4) Deflection under permissible load is 30-40 times higher in nylon gear teeth than in steel gear teeth, and the contact spot on nylon teeth is 5-6 times larger. 5) The elastic strain work in a nylon tooth is 3-10 times higher than in a steel tooth. 6) The high resilience of plastics can be utilized: a) by modifying the profile toward maximum possible teeth number in simultaneous mesh; b) by high compensation of tilts where this is an advantage, e.g., cantilever shafts, as in internal gearing; c) by producing multipoint contact without high accuracy of gears and high rigidity of shafts; d) using herringbone gears with uninterrupted tooth; e) using multisatellite planetary transmissions without balancers; f) using worm gear transmissions, es-

Card 2/3

pecially the double-enveloping; g) using gear clutches with evenly loaded teeth. 7) Low heat resistance and heat conductivity of plastics must be considered. 8) Larger side clearances must be used in view of high heat expansion. 9) The high creep and relaxation capacity of plastics must be minded. 10) The high antifriction properties of plastics can be utilized for obtaining transmissions with high efficiency. There are 6 figures, 3 tables and 3 Soviet-bloc references.

Card 3/3

GROMAN, M.B.

"Efficient method for plotting nomograms for power function products" by G.S.Khovanskii. Reviewed by M.B.Groman. Vest. mash. 40 no.9:82 S '60. (MIRA 13:9)
(Nomography (Mathematics)) (Khovanskii, G.S.)

ZAK, P.S.; FEDOROV, G.D., inzh., retsenzent; GROMAN, M.B., red.;
DANILOV, L.N., red. izd-va; MAKAROVA, L.A., tekhn. red.

[Double enveloping worm gears]Globoidnaia peredacha. Moskva,
Mashgiz, 1962. 255 p. (MIRA 16:1)
(Gearing, Worm)

GROMAN, M.B., inzh., red.; BALANDIN, A.F., red. izd-va; SMIRNOVA, G.V., tekhn. red.

[Advanced methods for manufacturing gears and teir engineerins efficiency] Progressivnye metody proizvodstva zubchatykh koles i ikh tekhnologichnost'. Pod red. M.B.Gromana. Moskva, Mashgiz, 1962. 301 p. (MIRA 15:5)

1. Moscow. Moskovskoye gorodskoye nauchno-tekhnicheskoye obshchestvo mashinostroitel'noy promyshlennosti. Sektsiya zubchatykh peredach i reduktorov.
(Gear cutting) (Gear shaping machinery) (Automation)

GROMAN, M.B.; YEVSTYUSHIN, N.I.

Standardization of spur gears for general use. Standartizatsiia 26 no.6:15-22 Je '62. (MIRA 15:7)
(Gearing, Spur—Standards)

BULGAKOV, E.B.; GROMAN, M.B.

Standardization of corrected gear wheels. Standartizatsiia 26 no.7:7-10 Jl '62. (MIRA 15:7)
(Gearing—Standards)

GROMAN, M.B.; YEVSTYUSHIN, N.I.

Standardization of gears is the foundation for an efficient organization of their manufacture and the improvement of quality. Vest.mashinostr. 42 no.9:3-14 S '62. (MIRA 15:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut po normalizatsii v mashinostroyenii.

(Gearing--Standards)

GROMAN, M.B.

Standardization of the design of gears. Standartizatsiia 27 no.5:11-15 My '63. (MIRA 16:6)

(Gearing)

GROMAN, M.B.

Activity of the Committee on the Strength of Gears. Vest. mashinostr. 43 no.1:91-92 Ja '63. (MIRA 16:2)

1. Predsedatel' Komiteta prochnosti zubchatykh peredach Nauchno-tekhnicheskogo obshchestva Gosudarstvennogo tresta mashinostroitel'noy promyshlennosti.
(Gearing)

GROMAN, M.B.

Sagging in the engagement of bevel gears. Vest.mashinostr. 43 no.3: 40-41 Mr '63. (MIRA 16:3)
(Gearing, Bevel)

GROMAN, M.B.

"Handbook on the correction of gears" by T.P. Bolotovskaia, I.A. Bolotovskii, V.E. Smirnov. Reviewed by M.B. Groman. Vest. mashinostr. 43 no.6:84-86 Je '63. (MIRA 16:7)

(Gearing) (Bolotovskaia, T.P.)
(Bolotovskii, I.A.) (Smirnov, V.E.)

GROMAN, M.B.; YEVSTYUSHIN, N.I.; ZAK, P.S.

Determination of the efficiency of the specialized manufacture of standardized parts and units. Standartizatsiia 27 no.10:3-8 O '63. (MIRA 16:11)

GROMAN, M.B.

Using standards for noncorrected spur gears. Standartizasiia 28 no.2:53-56 F '64. (MIRA 17:3)

PETRUSEVICH, A.I.; GROMAN, M.B.

Leaflets for the designer: tables for strength calculation of involute closed gear transmissions for standard load conditions. Vest. mashinostr. 44 no.7:7-26 Jl '64. (MIRA 17:9)

GRUNAU, M.B.

Use of standard gear wheels. Standartizatsiia 28 no.8:60-62 Ag '64. (MIRA 17:11)

EWT(d)/T IJP

ACCESSION NR: AP5008381 S/0122/64/000/012/0077/0078

15
10
B

AUTHOR: Groman, M. B. (Engineer)

TITLE: All-union scientific-technical conference on Novikov gear systems

SOURCE: Vestnik mashinostroyeniya, no. 12, 1964, 77-78

TOPIC TAGS: mechanical engineering conference, transmission gear

ABSTRACT: The All-Union Scientific-Technical Conference on Novikov Gears* held at Odessa, 13-25 September 1964, was attended by delegates from 180 organizations. The large number of reports (about 70) presented and discussed at the conference indicates that Soviet engineers are working on the further development of Novikov gears and on their introduction into industry. It is evident from the reports and discussions that Novikov gear systems are successfully performing in many establishments, even in cases where involute gear systems failed prematurely. The conference has shown that in the last seven years (the last such conference was held in 1957), the development and introduction of Novikov gears into industry has made considerable progress, thus making it possible for the Coordination Coun-

Card 1/5

cil on Novikov gears of the TsNIITMASH (Central Scientific-Research Institute of Machinebuilding Technology) to recommend in October 1963 that Novikov gears with 320 Brinell hardness be introduced in industry without preliminary experiments for operations up to 12 m/sec under loads varying only slightly.

Various deficiencies of Novikov gears were also indicated at the conference. It was noted that an attempt to use Novikov gears in highly stressed and high-speed airplane transmissions as well as in automobile transmissions was unsuccessful. It was also indicated that Novikov gears having teeth with high hardness appeared to have lower bending strength than corresponding involute gears.

A particularly interesting feature of the conference was the new material accumulated for the last two years on a new modification of Novikov gears—gears with two lines of action. Their development has been led by NIPIGORMASH (Scientific-Research and Design Institute for Mining Machinebuilding) and Sverdlovsk NIPTIMASH (Sverdlovsk Scientific-Research and Design-Technological Institute for Machinebuilding). Although there

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is no final opinion concerning these gears, the experimental results obtained for the last two years are encouraging with respect to both gear teeth wear and bending strength.

It is expected that the modified Novikov gears will uncover new possibilities for replacement of involute gears. The Coordinating Council on Novikov Gears of the TsNIITMASH and the Section on Gear Reliability and Durability of the State Committee on the Coordination of Scientific-Research Studies in the SSSR have recommended considering the development of modified Novikov gears as a basic trend in future studies. It was stressed that this recommendation does not mean that studies on Novikov gears with one line of action will be discontinued, but it underscores the necessity of overseeing expedient phases in the transition toward modified Novikov gears. As an example, it was mentioned that a Kiev plant which previously was engaged in lot production of reducers with standard Novikov gears is now switching to the production of reduction units with modified Novikov gears. The conference adopted many recommendations and resolutions on intensifying the development of Novikov gears.

L 31988-65
ACCESSION NR: AP5008381

An analysis of Soviet and Western sources on Novikov gearing systems published up to 1960 indicates a divergence of opinion concerning their significande. While most Soviet papers praise the features of Novikov gears, British and American gear specialists are not too enthusiastic about this gearing system. They claim that this system is not an original concept, since gears with similar teeth were patented in the United States and the United Kingdom many years ago, that there is no possibility of universal application of these gears, and that they are more difficult to manufacture than involute gears. They admit, however, that in cases of a relatively low-speed drive with a very low number of teeth in the pinion, the Novikov tooth form does offer some possible advantages. The number of articles on Novikov gears published in the last four years in the SSSR has decreased considerably, which fact gave the impression that Soviet engineers are now less interested in this kind of gearing. The conference shows, however, that there is great interest in further development of Novikov gears.

Card 4/5

L 31988-65
ACCESSION NR: AP5008381

*A new system of gearing developed by Colonel M. L. Novikov, Doctor of Technical Sciences (deceased circa 1956). The basic idea of this system is that the profiles of the teeth of two mating gears are circular arcs, and, moreover, the centers of curvature of two teeth in contact are both on the same side of the line of action.

ASSOCIATION: none

SUBMITTED: 00 ENCL: 00 SUB CODE: IE, GO

NO REF SOV: 000 OTHER: 000 FSB v. 1, no. 4

Card 5/5

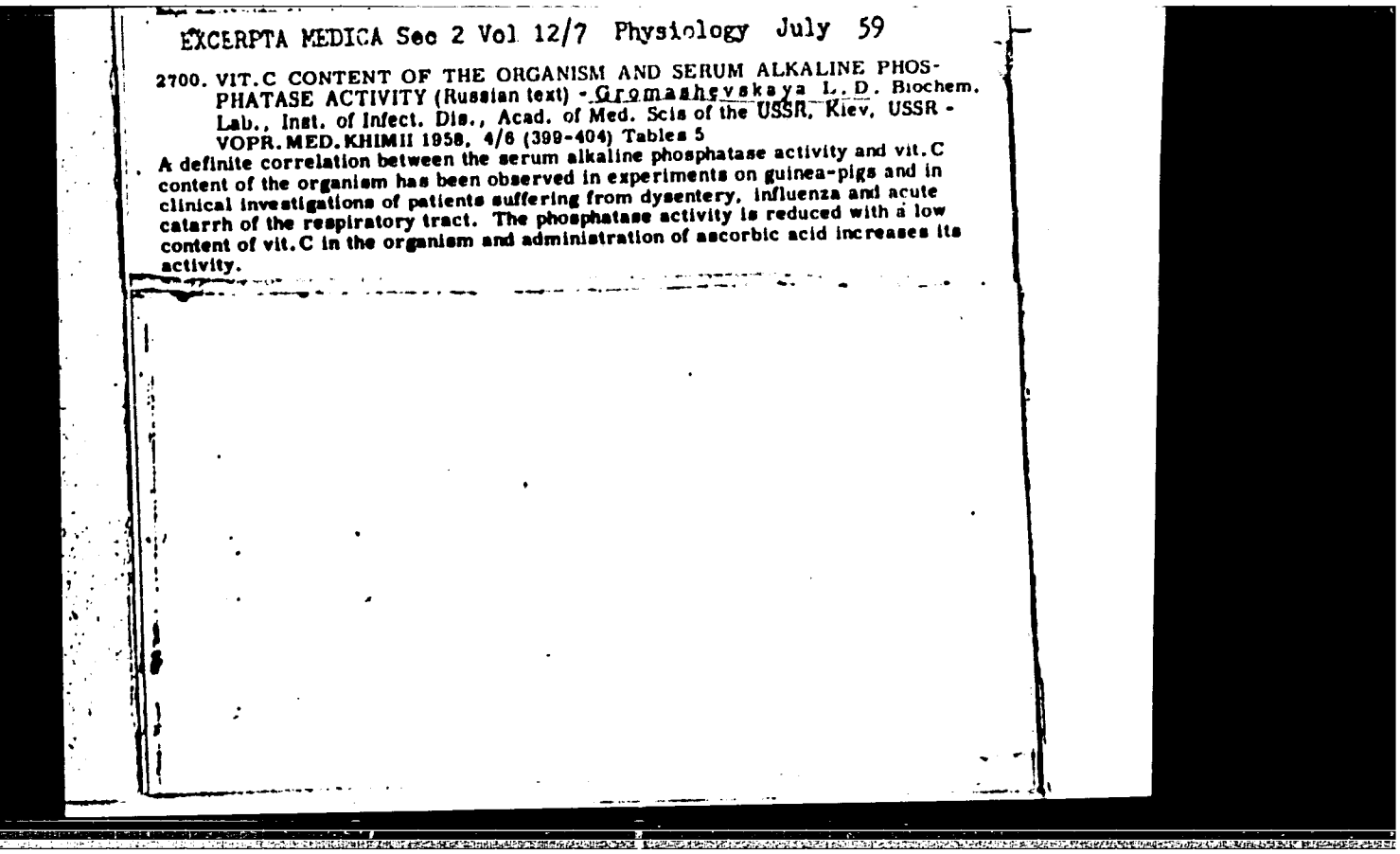
VULGAKOV, E.B.; GAVRILENKO, V.A., prof., doktor tekhn. nauk, retsenzent; GROMAN, M.B., inzh., red.; LESNICHENKO, I.I., red. izd-va; MAKAROVA, L.A., tekhn. red.

[Gears with modified initial rake contour]Zubchatye peredachi modifitsirovannogo iskhodnogo reechnogo kontura. Moskva, Mashgiz, 1962. 98 p. (MIRA 16:2)
(Gearing)

GROMAN, M. B.

Blocking contours of involute engagement. Vest. mashinostr. 42 no.12:12-17 D '62. (MIRA 16:1)

(Gearing)



EXCERPTA MEDICA Sec 2 Vol 12/7 Physiology July 59

2700. VIT.C CONTENT OF THE ORGANISM AND SERUM ALKALINE PHOSPHATASE ACTIVITY (Russian text) - Gromashevskaya L. D. Biochem. Lab., Inst. of Infect. Dis., Acad. of Med. Scis of the USSR, Kiev, USSR - VOPR.MED.KHIMII 1958, 4/6 (399-404) Tables 5

A definite correlation between the serum alkaline phosphatase activity and vit.C content of the organism has been observed in experiments on guinea-pigs and in clinical investigations of patients suffering from dysentery, influenza and acute catarrh of the respiratory tract. The phosphatase activity is reduced with a low content of vit.C in the organism and administration of ascorbic acid increases its activity.

USSR/Microbiology - Antibiosis and Symbiosis, Antibiotics. F-2

Abs Jour : Ref Zhur - Biol., No 4, 1958, 14736

Author : Gromashevskaya, L.L., Golub, N.F., Panchenko, I.P.

Inst :

Title : Sensitivity of Dysentery Bacteria to Biomycin.

Orig Pub : V sb.: Disenteriya, Kiev, Gosmedizdat USSR, 1956, 62-69

Abstract : Studies of the sensitivity of 120 strains of Flexner bacteria of various serotypes and 80 strains of Sonne bacteria to biomycin (I), levomycetin and norsulfazole showed that the most active I depressed the growth of the main mass of bacteria (91.5% of strains studied) at a concentration of 0.1-6.0 γ/ml. Sonne bacteria are more resistant to activity of I than Flexner bacteria, the sensitivity of which did not depend upon belonging to a definite serotype. The microorganisms are more sensitive to I on a Moore than on a Drobotko medium. I decreases oxygen consumption on a propiferating as well as on a non-proliferating culture

Card 1/2

USSR/Microbiology - Antibiosis and Symbiosis, Antibiotics. F-2

Abs Jour : Ref Zhur - Biol., No 4, 1958, 14736

(endogenous respiration) of dysentery bacteria; by comparison with the control, utilization of O_2 for 45 minutes decreased from 288 to 103 mm^3.

Card 2/2

GROMASHEVSKAYA L.L.

USSR / Pharmacology, Toxicology, Chemotherapeutic Agents U-7

Abs Jour : Ref. Zh. Biol., No 2, 1958, No 8104

Author : Gromashevskaya, L.L.

Inst :

Title : Chemotherapeutic Agents and Vitamin C Content of the Body.

Orig Pub : Antibiotiki. Eksperim.-Klinich. izuch. M., 1956, 99-102

Abstract : By the method of Eidelman and Gordon, which is based on the intensive absorption of ascorbic acid added to blodd in vitro, a study was made of the Vitamin C saturation rate in 550 patients with dysentery, entero-colitis, gastroenteritis, viral influenza, brucellosis, paratyphoid etc., and in 35 healthy subjects. The patients were treated by sulfathiazol, disulfan, sulfadimezin (6 g per day for 6 days), as well as by sanazin, levomycin, sintomycin, biomycin,

Card : 1/2

USSR / Pharmacology, Toxicology, Chemotherapeutic Agents U-7

Abs Jour : Ref. Zh. Biol., No 2, 1958, No 8104

Abstract : microcidin, and gramicidin. The vitamin C saturation rate of the body was determined before treatment and 24 hours after its termination. Only sulfanilamide therapy was followed by a diminution in the vitamin C saturation. Following treatment with the other agents, the vitamin C content of the organism was somewhat elevated. There was a sharp decrease of vitamin C in the organs (liver, spleen, kidneys, adrenals, stomach, large intestine, etc) of the guinea pigs who had received a 7-8 day course of sulfanilamides, coupled with a significant rise in the absorptive capacity of the blood. Those guinea pigs who had received sanazin and levomycin, had the same vitamin C content in their organs as the controls. It was recommended that a combination of sulfanilamides with vitamin C be used to eliminate the negative effect of the former on vitamin C exchange, which lowers the efficacity of sulfanilamides.

Card : 2/2

GROMASHEVSKAYA, L. L. (Cand. Med. Sci.)

"Chemotherapeutical Preparations and Vitamin C - Content in an Organism,"

p. 99 Ministry of Health USSR Proceedings of the Second All-Union Conference on Antibiotics, 31 May - 9 June 1957. pp. 405, Moscow, Medgiz, 1957.

GRUMASHEVSKAYA, T.I. (Kiyev)

Method for determining the vitamin C content of the body by the absorptive abilities of the blood [with summary in English]. Vop. pit. 16 no.2:48-52 Mr-Ap '57. (MLRA 10:10)

1. Iz Instituta infektsionnykh bolezney AMN SSSR, Kiyev.
(VITAMIN C DEFICIENCY, diag.
blood absorp. test (Rus))

GROMASHEVSKAYA, L.L., kand.med.nauk; MIRONOVA, Ye.M. (Kiyev)

Sulfathiazole in the organism of patients with acute dysentery. Klin.med. 35 [i.e.34] no.1 Supplement:31 Ja '57. (MIRA 11:2)

1. Iz biokhimicheskoy laboratorii immunotdela (zav. - chlen-korrespondent Akademii nauk USSR prof. N.N.Sirotinin) Instituta infektsionnykh bolezney AMN SSSR (dir. - prof. L.I.Bogdanov)
(DYSENTERY) (SULFATHIAZOLE)

GROMASHEVSKAYA, L.L., kand.med.nauk, KOLESNIKOV, G.F., kand.med.nauk (Kiyev).

Inorganic phosphorus in the cerebrospinal fluid in poliomyelitis.
Vrach.delo no.10:1041-1043 O '58 (MIRA 11:11)

1. Institut infektsionnykh bolezney AMN SSSR.
(PHOSPHORUS IN THE BODY)
(CEREBROSPINAL FLUID)
(POLIOMYELITIS)

USSR/Microbiology - Microbes Pathogenic for Man and Animals. F
Bacteria. Bacteria of the Intestinal Group.

Abs Jour : Ref Zhur Biol., No 22, 1959, 99366

Author : Sirotinin, N.N., Ovsiyevskaya, I.V., Brodskaya, Ye.A., Gromashevskaya, L.L.

Inst :

Title : On the Experimental Pattern of the Dysenteric Process.

Orig Pub : Zh. mikrobiol., epidemiol. i immunobiol., 1958, 29, No 3, 14-18

Abstract : The course of bacillary dysentery was studied in experiments with artificial oral infection in Macaca rhesus, 8-month-old Himalayan and Brown bears, 2-3 week old kittens, rabbits, pups, kids, piglets, susliks, pine martens, African polecats, foxes, cotton and laboratory rats, guinea pigs and bats. The course of dysentery had the most typical form in monkeys. Bears and cats also became ill with dysentery. In the first ones the disease lasted

Card 1/2

Inst. Infectious Diseases AMS USSR

USSR/Microbiology - Microbes Pathogenic for Man and Animals. F
Bacteria. Bacteria of the Intestinal Group.

Abs Jour : Ref Zhur Biol., No 22, 1958, 99366

more than 6 weeks; in the cats, the disease had a less pronounced course and the dysentery bacteria were seldom isolated from them. Mottled susliks eliminated dysentery bacteria for long periods. The other types of animals either did not become ill with dysentery, or else the disease had a course which was not characteristic of dysentery in man.

Card 2/2

GROMASHEVSKAYA, L.L.; VERZHKHOVSKAYA, A.A.; BELOUS, G.V.; GIRICHEVA, G.A. (Kiyev)

Some biochemical indexes in the diverse course of Botkin's disease. Vrach.delo no.10:1059-1062 O '59. (MIRA 13:2)

1. Institut infektsionnykh bolezney AMN SSSR.
(HEPATITIS, INFECTIOUS) (ALDOLASE)

GROMASHEVSKAYA, L.L.; DEKHTYARENKO, T.D.

Some general features of the action of certain chemicals (synthomycin, norsulfazole, biomycin) on the liver; report on an experiment [with summary in English]. Farm. i toks. 22 no.1:75-80 Ja-F '59. (MIRA 12:4)

1. Institut infektsionnykh bolezney AMN SSSR, Kiyev.
(LIVER) (PHARMACOLOGY)

MOROZKIN, N.I., prof.; VERZHKHOVSKAYA, A.A., kand.meditsinskikh nauk; FEDULOVA, Ye.G., kand.meditsinskikh nauk; GROMASHEVSKAYA, L.L., kand.meditsinskikh nauk (Kiyev)

Age characteristics of the clinical course of infectious hepatitis. Vrach.delo no.5:457-462 My '60. (MIRA 13:11)

1. Institut infektsionnykh bolezney AMN SSSR. 2. Chlen-korrespondent AMN SSSR (for Morozkin).
(HEPATITIS, INFECTIOUS)

GROMASHEVSKAYA, L. L., Doc Med Sci, "Biochemical shifts in the organism in the ~~application~~ of chemotherapeutic preparations (antibiotics)." Kiev, 1960. (~~AMN~~ [Acad Med Sci] USSR). (KL, 3-61, 228).

GROMASHEVSKAYA, L.L.

Nature of the effect of antibiotics on the organism in relation to its original state. Antibiotiki 5 no.2:31-35 Mr-Ap '60. (MIRA 14:5)

1. Laboratoriya biokhimii Instituta infektsionnykh bolezney AMN SSSR.
(ANTIBIOTICS) (ASCORBIC ACID) (LIVER)

GROMASHEVSKAYA, L.L.

Side effects of antibiotics. Antibiotiki 5 no.3:110-115 My-Je '60. (MIRA 14:6)

1. Kiyevskiy institut infektsionnykh bolezney AMN SSSR.
(ANTIBIOTICS)

GROMASHEVSKAYA, L.L.; BELOUS, G.V.

Photoelectrocolorimetric determination of bilirubin and the normal amount of it found in the serum. Lab.delo 5 no.6:46-48 N-D '60. (MIRA 13:11)

1. Institut infektsionnykh bolezney AMN SSSR, Kiyev.
(COLORIMETRY) (BILIRUBIN)

GROMASHEVSKAYA, L.L.; DEMIN, V.I.; SHAPARENKO, V.N.; SOKOLOVSKAYA, A.P.

Evaluation of some biochemical indicators in the diagnosis of aborted forms of infectious hepatitis. Nauch. inform. Otd. nauch. med. inform. AMN SSSR no.1:27-28 '61. (MIRA 16:11)

1. Institut infektsionnykh bolezney (direktor - chlen - korrespondent AMN SSSR prof. I.L.Bogdanov) AMN SSSR, Kiyev.

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1. Institut infektsionnykh bolezney Ministerstva zdravookhraneniya UkrSSR.

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Serum enzymes in Botkin's infectious hepatitis. Vop.med.khim. 10 no.3:246-252 My-Je '64. (MIRA 18:2)

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GROMASHEVSKIY, L. V., Prof.

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GROMASHEVSKIY, L. V.

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Zhur. Mikrobiol., Epidemiol., i Immunobiol., No. 1-2, 1944.

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"To epidemiology of the typhus exanthematicus."

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GROMASHEVSKIY, Lev Vasil'yevich, 1887-

Relapsing fever. Moskva, "Medgiz", 1946. 119 p. map. (Biblioteka prakticheskogo vracha)
At head of title: Prof. L. V. Gromashevskii i prof. G. M. Vaindrakh.

Ic.

1. Relapsing, I. Vaindrach, G. M. jt. au.

FEVER

GROMASHEVSKIY, L. V., prof.

USSR/Medicine - Epidemiology Nov 1947
Medicine - Infection

"Achievements of Soviet Epidemiology for Thirty Years," Prof L. V. Gromashevskiy, Active Member of the Academy of Medical Sciences of the USSR, 10 pp

"Zhur Mikrobiol, Epidemiol i Immunobiol" No 11

The most important principal questions which have characterized the development of Soviet epidemiology are presented. The two basic divisions of epidemiology--general and specific--are discussed at length, with emphasis on the work of Soviet authors in the field of the problems of the rules of the epidemic process.

LC 36736

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Translation U-3224, 6 Aug 53

TUTYSHKINA, Yu.P.; GROMASHEVSKIY, L.V., professor, zaveduyushchiy; KALINICHENKO, T.Ya., direktor.

Clinical and epidemiological characteristics of scarlet fever in the light of modern etiological data. Zhur.mikrobiol.epid.i immun. no.2:22-25 F '53. (MLRA 6:5)

1. Kafedra epidemiologii Kiyevskogo ordena Trudovogo Krasnogo Znameni meditsinskogo instituta imeni akademika A.A. Bogomol'tsa (for Gromashevskiy).

2. Kiyevskiy ordena Trudovogo Krasnogo Znameni meditsinskiy institut imeni akademika A.A. Bogomol'tsa (for Kalinichenko). (Scarlatina)

TUTYSHKINA, Yu.P.; GALKER, Z.N.; GROMASHEVSKIY, L.V., professor, zaveduyushchiy; KALINICHENKO, T.Ya., direktor.

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1. Kafedra epidemiologii Kiyevskogo ordena Trudovogo Krasnogo Znameni meditsinskogo instituta imeni akademika A.A. [redacted]'tsa (for Gromashevskiy).

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GROMASHEVSKIY, L. V. FD 158

USSR/Medicine - Classification of Infectious Diseases

Card 1/1

Author : Gromashevskiy, L. V., Professor (Kiev)

Title : More about the classification of infectious diseases

Periodical : Zhur mikrobiol. epid. i immun. 5, 67-75, May 1954

Abstract : The author discusses his own proposed system of classification of infectious diseases and defends it against its various critics. His system would classify infectious diseases according to their mechanism of transmission, i.e. the localization of the causative agent in the organism. There would be four categories: intestinal infections, infections of the respiratory tract, blood infections, and infections of the integument. He gives the names of his critics and describes their arguments. No references are cited.

Institution :

Submitted : December 15, 1953

GROMASHEVSKIY, L.V., professor, otvetstvennyy redaktor; DYACHENKO, S.S., professor, redaktor; YELSHINA, M.A., kandidat meditsinskikh nauk, redaktor; ZAYDENBERG, Ye.G., kandidat meditsinskikh nauk, redaktor; PADALKA, B.Ya., professor, redaktor; SEREBRENNIKOVA, V.I., kandidat meditsinskikh nauk, redaktor; SORVINA, L.Ye., kandidat meditsinskikh nauk, redaktor; TERSKHOV, S.N., kandidat meditsinskikh nauk, redaktor; KHOMENKO, G.I., professor, redaktor; ZATULOVSKIY, B.G., redaktor; LOKHMATYY, Ye.G., tekhnicheskiy redaktor

[Dysentery; a collection of scientific papers] Dizenteriia; ob"edinennyi sbornik nauchnykh rabot. Kiev, Gos.med. izd-vo USSR, 1956. 265 p. (MLRA 10:1)

1. Kiyevskiy institut epidemiologii i mikrobiologii. 2. Deystvitel'nyy chlen AMN SSSR (for Gromashevskiy)
(DYSENTERY)

GROMASHEVSKIY, L. V.

"Contemporary Problems in Epidemiology," a report presented at the 13th All-Union Congress of Hygienists, Epidemiologists, Microbiologists, and Infectionists, Leningrad, 1956 (June). Zhur, Mikrobiol., Epidemiol. i Immunobiol., pp 3-5, 1956.

Sum. 1003, 20 Jul 56

GROMASHEVSKIY, L.V.,professor; TUTYSHKINA, Yu.P., dotsent

Age factors and the incidence of "children's" infectious diseases. Vrach.delo no.2:131-136 F '56. (MLRA 9:7)

1. Deystvitel'nyy chlen AMN SSSR (for Gromashevskiy) 2. Kafedra epidemiologii Kiyevskogo meditsinskogo instituta.
(CHILDREN--DISEASES) (COMMUNICABLE DISEASES)

GROMASHEVSKIY, L.V.,; GORYACHEVA, O.A.,; KHORUZHENKO, P.F.,; SLESARENKO, V.V.

Local cases of tick-borne relapsing fever in the Ukraine; preliminary report. Med. paraz. 25 no.1:17-27 Ja-M '56 (MLRA 9:6)

1.Iz Kiyevskogo instituta epidemiologii, mikrobiologii i gigiyeny (dir. instituta-kandidat meditsinskikh nauk S.N. Terekhov) i Respublikanskoy protivochumnoy stantsii (glavnyy vrach V.V. Slesarenko)

(TYPHOID FEVER,
tick-borne, relapsing in Ukraina)

GROMASHEVSKIY, Lev Vasil'yevich

[Mechanisms of the transmission of infection; theory of the mechanism of transmission of pathogens of communicable diseases and its importance in epidemiology] Mekhanizmy peredachi infektsii; uchenie o mekhanizme peredachi vozbuditelei infektsionnykh boleznei i ego znachenie v epidemiologii. Kiev, Gosmedizdat USSR, 1958. 331 p. (MIRA 13:7)
(COMMUNICABLE DISEASES)

GROMASHEVSKIY, Lev Vasil'yevich, red.

[Theoretical and practical problems in immunology] Teoreticheskie i prakticheskie voprosy immunologii. Kiev, Izd-vo Akad.nauk USSR, 1958. 367 p. (MIRA 13:4)

1. Kiyev. Kiyevskiy institut epidemiologii i mikrobiologii.
(IMMUNITY)

GROMASHEVSKIY, Lev Vasil'yevich, red.

[Children's infections] Detskie infektsii. Kiev, 1958. 509 p.
(MIRA 13:5)

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(CHILDREN--DISEASES)

GROMASHEVSKIV, L. V.

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report submitted at the 13th All-Union Congress of Hygienists, Epidemologists and Infectionists, 1959.

GROMASHEVSKIY, Lev Vasil'yevich, red.

[Materials of conferences] Materialy nauchnykh konferentsii. Kiev, 1959. 288 p. (MIRA 13:8)

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(EPIDEMIOLOGY)

GROMASHEVSKIY, L.V., prof. (Kiyev)

Robert Koch. Vrach. delo no.9:129-133 S '60. (MIRA 13:9)

1. Deystv. chlen AMN SSSR.
(KOCH, ROBERT, 1843-1910)

GRONSHEVSKIY, L.V., prof.; GAITSAY, M.K., kand.med.nauk; PROKOPOVICH, K.V.

Cases of malaria contracted in mental hospitals and the problem of malaria control. Vrach. delo no.6:84-88 Je '61. (MIRA 15:1)

1. Kiyevskiy nauchno-issledovatel'skiy institut epidemiologii i mikrobiologii.

(MALARIOTHERAPY) (KIEV--MALARIA)

GROMASHEVSKIY, L.V. (Kiyev)

Nature of exanthematous typhus and the "revision" of P.F.Zdorodovskii.
Zhur. mikrobiol. epid. i immun. 32 no.6:139-145 Je '61. (MIRA 15:5)
(TYPHUS FEVER)

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[Mechanism of the transmission of infection; the theory of the mechanism of transmission of th pathogens of infectious diseases and its importance in epidemiology]Mekhanizm peredachi infektsii; uchenie o mekhanizme peredachi vozbuditelei infektsionnykh boleznei i ego znachenie v epidemiologii. 2. izd., peresm.i dop. Kiev, Gosmedizdat USSR, 1962. 445 p. (MIRA 15:6)

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(EPIDEMIOLOGY) (COMMUNICABLE DISEASES)

BUGROVA, V.I., kand. med. nauk; VINOGRADOVA, I.N., kand.biol. nauk; D'YAKOV, S.I., kand. med. nauk; ZHDANOV, V.M., prof.; ZHUKOV-VEREZHNIKOV, N.N., prof.; ZEMTSOVA, O.M., kand. med. nauk; IMSHENETSKIY, A.A., prof.; KALINA, G.P., prof.; KAULEN, D.R., kand. med. nauk; KOVALEVA, A.I., doktor med. nauk; KRASIL'NIKOV, N.A., prof.; KUDLAY, D.G., doktor biol. nauk; LEBEDEVA, M.N., prof.; PERETS, L.G., prof. [deceased]; PEKHOV, A.P., doktor biol. nauk; PLANEL'YES, Kh.Kh., prof.; POGLAZOVA, M.N., kand. biol. nauk; PROZOROV, A.A.; SINITSKIY, A.A., prof.; FEDOROV, M.V., prof. [deceased]; SHAMINA-VAGINA, V.I., kand.biol. nauk; VYGODCHIKOV, G.V., prof., zamestitel' otv. red.; ADO, A.D., prof., red.; BAROYAN, O.A., prof., red.; BILIBIN, A.F., prof., red.; BOLDYREV, T.Ye., prof., red.; VASHKOV, V.I., doktor med. nauk, red.; VYAZOV, O.Ye., doktor med. nauk, red.; GAUZE, G.F., prof., red.; GOSTEV, V.S., prof., red.; GORIZONTOV, P.D., prof., red.; GRINBAUM, F.T., prof., red. [deceased]; GROMASHEVSKIY, L.V., prof., red.; YELKIN, I.I., prof., red.; ZASUKHIN, L.N., doktor biol. nauk, red.; ZDRODOVSKIY, P.F., prof., red.; KAPICHNIKOV, M.M., kand. med. nauk, red.; KLEMPARSKAYA, N.N., prof., red.; KOSYAKOV, P.N., prof., red.; LOZOVSKAYA, Ye.S., kand. med. nauk, red.; MAYSKIY, I.N., prof., red.; MURGNTSEV, S.N., prof., red. [deceased];

(Continued on next card)

LUGROVA, V.I.---(continued) Card 2.
NIKITIN, M.Ya., red.; NIKOLAYEVA, T.A., red.; PAVLOVSKIY, Ye.N., akademik, red.; PASTUKHOV, A.P., kand. med. nauk, red.; PETRISHCHEVA, P.A., prof., red.; POKROVSKAYA, M.P., prof., red.; POPOV, I.S., kand. med. nauk, red.; ROGOZIN, I.I., prof. red.; RUDNEV, G.P., prof., red.; SERGIYEV, P.G., prof., red.; SKRYABIN, K.I., akad., red.; SOKOLOV, M.I., prof. red.; SOLOV'YEV, V.D., prof., red.; TRIBULEV, G.P., dotsent, red.; CHUMAKOV, M.P., prof., red.; SHATROV, I.Y., prof., red.; TIMAKOV, V.D., prof., red.toma; TROITSKIY, V.L., prof., red. toma; PETROVA, N.K., tekhn.red.;

[Multivolume manual on the microbiology, clinical aspects, and epidemiology of infectious diseases] Mnogotomnoe rukovodstvo po mikrobiologii klinike i epidemiologii infektsionnykh boleznei. Otv. red. N.N.Zhukov-Verezhnikov. Moskva, Medgiz. Vol.1. [General microbiology] Obshchaia mikrobiologiia. Otv. red. N.N.Zhukov-Verezhnikov. 1962. 730 p. (MIRA 15:4)

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Zhdanov, Zhukov-Verezhnikov, Vygodchikov, Bilibin, Vashkov, Gromashevskiy, Zdrodovskiy, Rudnev, Sergiyev, Chumakov, Timakov, Troitskiy).

(Continued on next card)

BUGROVA, V.I.---(continued) Card 3.

2. Chlen-korrespondent Akademii nauk SSSR (for Imshenetskiy, Krasil'nikov). 3. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for Planel'yes, Baroyan, Boldyrev, Gorizontov, Petrishcheva, Rogozin). 4. Deystvitel'nyy chlen Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk im. V.I.Lenina (for Muromtsev).

(MICROBIOLOGY)

GROMASHEVSKIY, L.V., prof.

Methodological principles of the theory of the contagiousness of communicable diseases. Nek.filos.vop.med.i est. no.2:17-42 '60. (MIRA 15:7)

1. Kafedra epidemiologii Kiyevskogo meditsinskogo instituta imeni Bogomol'tsa. Deystvitel'nyy chlen AMN SSSR.
(COMMUNICABLE DISEASES)

GROMASHEVSKIY, L.V.

Problem of eradicating infectious diseases. Zhur.mikrobiol., epid.i immun. 33 no.4:128-133 Ap '62. (MIRA 15:10)
(CONNUMICABLE DISEASES--PREVENTION)

GROMASHEVSKIY, L.V. (Kiyev)

Why it is impossible to agree with Sh.D.Moshkovskii's interpretation on questions of principle in the elimination of infection. Zhur.mikrobiol., epid.i immun. 33 no.8:135-140 Ag '62. (MIRA 15:10)

(COMMUNICABLE DISEASES--PREVENTION)

BRATUS', V.D., dots., red.; BARCHENKO, I.P., prof., zam. red.; VERZHIKOVSKAYA, N.V., dots., red.; GROMASHEVSKIY, L.V., prof., red.; SHAKHBAZYAN, G.Kh., prof., red.; ZAPARNIK, P.I., prof., red.; SHMAL', D.D., dots., red.; POZNANSKIY, S.S., dots., red.; KALYUZHNYY, D.N., red.; CHUCHUPAK, V.D., tekhn. red.

[Hygienic norms and the sanitation of the external environment]Gigienicheskie normativy i ozdorovlenie vneshnei sredy: sbornik nauchnykh rabot. Kiev, Gosmedizdat USSR, 1961. 268 p. (MIRA 15:11)

1. Kiev, Medychnyi instytut. 2. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Gromashevskiy). 3. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for Shakhbazyan). 4. Direktor Kiyevskogo meditsinskogo instituta (for Bratus'). 5. Kafedra gigiyeny pitaniya Kiyevskogo meditsinskogo instituta im. A.A.Bogomol'tsa (for Barchenko). 6. Kafedra obshchey gigiyeny Kiyevskogo meditsinskogo instituta Kiyevskogo meditsinskogo instituta im. A.A.Bogomol'tsa (for Verzhikovskaya, Shmal').

(PUBLIC HEALTH)

GROMASHEVSKIY (KIEV), L. V. Prof.

"Modern State of the Theory of the Mechanism of Transfer of Infections."

Report presented at the Scientific Conference of the Dushanbe Inst. of Epidemiology and Hygiene (DIEG) devoted to problems of Epidemiology, Hygiene, Bacteriology, Virology and Parasitology, held in Dushanbe, December 1962. (Zdravookhraneniye Tadzhikistana, Dushanbe, No 3, 1963 pp 40-41.)

member of the Academy of Medical Sciences USSR

GRONASHEVSKIY, Lev Vasil'yevich, prof.; [illegible], [illegible]; [illegible].

[General epidemiology; manual for physicians and students of public health faculties] Obshchaia epidemiologiia; rukovodstvo dlia vrachei i studentov sanitarno-gigienicheskikh fakul'tetov. Izd.4., perer. Moskva, Meditsina, 1965. 289 p. (MIRA 18:4)

L 26464-66 EWT(1)/T JK

ACC NR: AP6017377 (A, N) SOURCE CODE: UR/0358/65/034/006/0729/0733

AUTHOR: Gromashevskiy, L. V. (Kiev)

25
B

ORG: none

TITLE: Transmission of tick-borne recurrent typhus 6 by lice 6 Report I. Introduction

SOURCE: Meditsinskaya parazitologiya i parazitarnyye bolezni, v. 34, no. 6, 1965, 729-733

TOPIC TAGS: infective disease, pathogenesis, disease incidence, animal parasite

ABSTRACT: During World War II an epidemic of louse-borne recurrent typhus unexpectedly spread through the European USSR and disappeared only in the late 1940's. It was traced to workers brought in from the Soviet Central Asian republics, from regions with natural foci of tick-borne recurrent fever. Thus, a well-investigated disease which had been considered entirely eliminated in a vast country had again appeared in its typical form; this occurred on the territory of the focus of another infectious disease which is considered as its indisputable "ancestor." This prompted the author to investigate the relationship between tick-borne and louse-borne recurrent typhus, with the object of determining whether the pathogen of tick-borne recurrent typhus (Spirochaeta sogdiana Nicolle, Spirochaeta usbekistanica Picul), on being ingested by the louse organism together with

Card 1/2 UDC: 616.986.5-022.39:595.751.2

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L 26464-66

ACC NR: AP6017377

the blood of the human host is transformed into an Obermeier spirochete, i.e., into the pathogen of epidemic (louse-borne) recurrent typhus. This involves the following questions: How does this process occur? How does the spirochete remain viable in the louse organism? How does the infected louse transmit the pathogen to the healthy human individual? What is the infectious process in the infected human individual? Further investigation will be concerned with these questions and should shed light on the medico-biological relationships between tick-borne and louse-borne recurrent typhus.

[JPRS]

SUB CODE: 06 / SUBM DATE: 16Apr65 / ORIG REF: 003 / OTH REF: 006

Card 2/2 PB

GROMASHEVSKIY, L.V. (Kiyev)

Eradication of infectious diseases. Zhur.mikrobiol., epid. i immun. 42 no.12:3-10 D '65.
(MIRA 19:1)

L 27586-66 EWT(1)/T JK

ACC NR: AP6018381 SOURCE CODE: UR/0016/65/000/012/0003/0010

20
B

AUTHOR: Gromashevskiy, L. V. (Kiev)

ORG: none

TITLE: Problem of eradicating infectious diseases 6

SOURCE: Zhurnal mikrobiologii, epidemiologii i immunobiologii, no. 12, 1965, 3-10

TOPIC TAGS: disease control, infective disease

ABSTRACT: In this theoretical discussion the author criticizes past and present tendencies to treat eradication of infectious diseases from an empirical rather than from a theoretical point of view. He links eradication of infectious diseases to ideology and the development of a network of socialist countries. The basis for this connection is the comprehensive planning concepts of socialism, which he considers essential to eradication of infectious diseases. He finds that general discussion of this problem has not gone far enough and that its terminology is not uniform. Work should be done to select those infectious diseases which might be susceptible to eradication with means presently available. But it is important to distinguish eradication from reduction or control. [JPRS]

SUB CODE: 06/ SUBM DATE: none/

Card 1/1 UDC: 616.9-084.4.001.12

MARTYNOV, S.M.; KURIY, Kh.V.; GROMATSKIY, N.I.

Passive agglutination of erythrocytes as a diagnostic method for some immunohemopathies. Sbor. trud. L'vov. nauch. -issl. inst. perel. krovi i neotlozh. khir. no.4:55-63 '60
(MIRA 16:12)

[redacted], S...

Danilo Samoilovich. Zhizn' i deiatel'nost' [Danilo Samoilovich; life and work]. Moskva, Izd. Akad. med. nauk SSSR, 1952. 48 p.

SO: Monthly List of Russian Accessions, Vol. 5, No. 2, May 1953

GROMBAKH, S.M.

[Russian medical literature of the 18th century] Russkaia meditsinskaia literatura XVIII veka. Moskva, Izd-vo Akademii med. nauk SSSR, 1953. 281 p. (MLRA 7:6)
(Medicine--History)

GROMBAKH, S.M.

Repudiation of Protasov's dissertation on physiology. Trudy Inst.ist.est. 5:387-397 '53. (MLRA 6:7)

(Protasov, Aleksei Protas'evich, 1724-1796)

[redacted]

[redacted]

[redacted]

GROMBAKH, S.M.

Certain problems of hygiene pertaining to studying in schools.
Gig.i san. no.5:26-32 My '54. (MLRA 7:5)

1. Iz otdela gigiyeny Nauchno-issledovatel'skogo pediatricheskogo instituta Ministerstva zdravookhraneniya RSFSR.
(School hygiene) (Mental physiology and hygiene)

GROMBAKH, S.M.

Prophylactic trends in Russian medicine. Sov.zdrav. 13 no.2:36-40 Mr-Ap '54. (MLRA 7:4)
(Medicine, Preventive)