

SOV/177-58-9-4/51

The Mechanism of Injuries of the Hip Caused by Parachute Jumps

during jumping. Most fractures by entanglement of the legs occur during the release of the parachute. All hip fractures sustained in the air were spiral fractures. The location of the injury depends on the position of the parachutist and his extremities during his opening of the chute. Some authors, including B.G. Kaufman (1949) think a poorly-fitted harness is the cause of fractures in the air. A.V. Shatskiy who analyzed fractures of the diaphysis of the hip in parachutists at the moment of landing, assumes that the bending of the hip of that extremity which reaches the ground first plays the main role in the fractures' mechanism. The author thinks a continuous improvement in parachutes and aircraft is the best prophylaxis. There are 2 diagrams and 1 table.

Card 2/2

ARYAYEV, L.N., kand.med.nauk; KULAZHENKO, V.I. (Odessa)

Nitrogen oxide anesthesia at the stage of analgesia during stomatologic operations by means of a portable anesthetic apparatus.
Stomatologia 40 no.4:39-42 J1-Ag '61. (MIRA 14:11)
(ANESTHESIA) (NITROGEN OXIDE) (STOMATOLOGY)

ARYAYEV, I. N. Lieutenant Colonel of the Medical Service, Candidate of the
Medical Sciences--The Use of Modern Types of Anesthesia under Conditions of a
Military Hospital.

Voyenno-Meditsinskiy Zhurnal, No. 11, 1961, pp. 70-79.

ARYAYEV, L.N., podpolkovnik meditsinskoy sluzhby, kand.med.nauk

Control of a terminal state under conditions of a military
hospital. Voen.-med. zhur. no.11:59-61 N '61. (MIRA 15:6)
(MEDICINE, MILITARY) (DEATH, APPARENT)

ARYAYEV, L.N., podpolkovnik meditsinskoy sluzhby, kand.med.nauk

Use of modern anesthetic methods under the conditions of a
military hospital. Voen.-med. zhur. no.11:76-77 N '61.

(ANESTHESIA)

(MIRA 15:6)

ARYAYEV, L.N., kand.med.nauk

Anesthesia in operations on ambulatory patients. Vest.khir. 89
no.7:92-95 JI '62. (MIRA 15:8)

1. Iz Odesskogo okružhnogo voyennogo gospitalya.
(ANESTHESIA) (SURGERY, MINOR)

ARYAYEV, L.N., podpolkovnik meditsinskoy sluzhby, kand.med.nauk;
PAVLOV, V.I., podpolkovnik meditsinskoy sluzhby; GRIDNEV, A.V.,
kapitan meditsinskoy sluzhby

Clinical picture of poisoning following the bite of the karakurt.
Voен.-med.zhur. no.9:83 S '61. (MIRA 15:10)
(VENOM--PHYSIOLOGICAL EFFECT)

ARYAYEV, L.N., kand.med.nauk

Use of curarelike preparations for diagnostic purposes. Vest.
khir. no.5:86-87 '62. (MIRA 15:11)

1. Iz Odesskogo okruzhnogo voyennogo gospitalya.
(CURARELIKE SUBSTANCES) (DIAGNOSIS)

ARYAYEV, L.N., kand.med.nauk

Anesthesia in operations on ambulatory patients. Vest.khir. 89
no.7:92-95 JI '62. (MIRA 15:8)

1. Iz Odesskogo okružnogo voyennogo gospiṭalya.
(ANESTHESIA) (SURGERY, MINOR)

ARYAYEV, L.N., kand.med. nauk

Modification of mask anesthesia, Khirurgia 39 no.7:122-124
Jl'63 (MIRA 16:12)

BAYANDIN, P.A. (Murmansk); SHVETSOV, I.M.; TIMOFEYEVA, H.V.; KOVAL', V.P.;
KOZLOVA, E.Z.; TRET'YAKOV, H.I. (Kaliningrad); MAMEDOV, E.SH.
(Poselok Martuni, AzerSSR); BOROVYY, Ye.M.; DULAYEV, S.G. (Grodno);
GERASIMOV, B.A. (Lugansk); MEL'NIK, L.A. (Chernovtsy); MIGAL', L.A.;
GUBANOV, A.G.; GOROVENKO, G.G. (Kiyev); SHAROV, B.K. (Chelyabinsk);
SHUVALOVA, Z.A. (Sverdlovsk) NEYMARK, K.I.; ARYAYEV, L.N. (Odessa);
KABANOV, A.N.; KONOVALOV, Yu.S.; ZAK, V.I. (Orenburg); MIKHAYLOV, M.M.;
SEZ'KO, A.D. (Voronezh); SHALAYEV, M.I.; DONIN, V.I. (Saratov).

Abstracts. Grudn. khir. 5 no.3:110-126 My-Je'63 (MIRA 17:1)

1. Iz kafedry normal'noy anatomii Ryazanskogo meditsinskogo instituta imeni akademika I.P.Pavlova (for Shevtsov). 2. Iz Sochin-skogo nauchno-issledovatel'skogo instituta kurortologii i fizioterapii Ministerstva zdravookhraneniya RSFSR (for Timofeyeva).
3. Iz khirurgicheskogo otdeleniya Ternopol'skoy klinicheskoy gorodskoy bol'nitsy (for Koval'). 4. Iz kafedry topograficheskoy anatomii i operativnoy khirurgii (zav. - prof. A.P. Sokolov).
5. Iz khirurgicheskogo otdeleniya (for Kozlova). 6. Iz khirurgicheskogo otdeleniya (zav. - Ye. M. Borovyy) Rovenskoy oblasti (for Borovyy).

(Continued on next card)

BAYANDIN, P.A.— (continued) Card 2.

6. Iz fakul'tetskoy khirurgicheskoy kliniki (dir. -- prof. I.M. Popov'yan) i gospital noy terapevticheskoy kliniki (dir. - prof. L.S.Shvarts) lechebnogo fakul'teta Saratovskogo meditsinskogo instituta (for Migal'). 7. Iz kafedry fakul'tetskoy khirurgii (zav. - prof. I.I.Neymark) Altayskogo meditsinskogo instituta (for Neymark). 8. Iz Novosibirskogo gorodskogo protivotuberkuleznogo dispansera (for Kabanov). 9. Iz kafedry fakul'tetskoy khirurgii (zav. - prof. I.A.Ivanov) Permskogo meditsinskogo instituta (for Shalayev).

ZAL'TSMAN, Ya.I.; ARYAYEV, L.N., kand.med.nauk

Therapeutic anesthesia. Vest. khir. 92 no.3:122-125 Mr '64.

(MIRA 17:12)

FOLDES, I.; NAGY, I.Zs.; BENKO, K.; LEVAI, G.; ARY-BALOGH, P.

Electron microscopic studies on the postembryonal epiphyseal cartilage in albino rats. Acta morph. acad. sci. Hung. 13 no.4:283-299 '65.

1. Institut für Anatomie, Histologie und Embryologie und Zentrales Forschungslaboratorium der Medizinischen Universität, Debrecen. Submitted June 28, 1963.

TKACHENKO, I.A.; FILATOV, A.D.; UZIYENKO, A.M.; GRUZN OV, A.K.; DEYNEKO, D.I.;
ARYCHENKOV, V.P.; ZAYAKIN, B.I.

Quick pouring and the quality of rimmed steel. Metallurg 10 no.8:
17-19 Ag '64. (MIRA 17:11)

1. Magnitogorskiy metallurgicheskiy kombinat.

VORONOV, F.D., prof.; FILATOV, A.D., inzh.; DEYNEKO, D.I., inzh.; BIGEYEV,
A.M., kand. tekhn. nauk; TKACHENKO, I.A., inzh.; SELIVANOV, N.M.,
kand. tekhn. nauk; ARYCHENKOV, V.P., inzh.

Use of boil intensifiers in the rapid pouring of rimmed steel.
Stal' 25 no.4:317-319 Ap '65. (MIRA 18:11)

1. Magnitogorskiy metallurgicheskiy kombinat i Magnitogorskiy
gornometallurgicheskiy institut.

AR'YE, F.M.

New device for checking the disposition of holes. Izm.tekh. no.4:
20 Ap '63. (MIRA 16:5)

(Gauges)

ARYENS, L. I.

28321

K biologii i sistyematchyekomu polozyenyu nitela Istrelle i drugikh pryedstavityelyey
miscophinae (hymenoptera, sphecidae). Doklady akad, Nauk SSSR, Novaya, Syariva, T. LXVIII,
No. 2, 1949 S. 413 - 15 - Bibliogr: 15 Nazv.

So: Letopis No. 34

AR'YENTS, A.Ye.

Sowing ornamental plants in open ground. Biol. v shkole
no.4:86-87 J.-Ag '58. (MIRA 11:9)
(Floriculture--Study and teaching)

L 39740-65 EWT(m)/EPF(c)/EWP(v)/EPR/EWP(j)/T Pc-4/Pr-4/PB-4 Wn/RM
ACCESSION NR: AR5006719 S/0282/65/000/001/0107/0107

29
P

SOURCE: Ref. zh. Khimicheskoye i kholodil'noye mashinostroyeniye. Otd. vyp.,
Abs. 1.47.636

AUTHOR: Dem'yanenko, I. D.; Ar'yev, A. M.

TITLE: Bonding polyvinylchloride tubing to a caprone storage battery cap

CITED SOURCE: Sb. tr. fiz. luganskiy mashinostroit. in-t, v. 4, 1964, 51-57 Kafedry

TOPIC TAGS: resin bonding, bonding film property, polyvinylchloride, plastic tub-
ing / adhesive PKhVS-22

TRANSLATION: The authors describe the results of tests on bonding of polyvinyl-
chloride tubing to a caprone storage battery cap using adhesive PKhVS-22. The ad-
hesive represents a 22% solution of perchlorovinyl resin in styrene with benzoyl
peroxide added (1.5% by weight of the styrene). The bonded seam should be dried
for 225 min. under 16000 lux of ultraviolet irradiation. The obtained film is
elastic, bonds strongly with both basic materials and insures a hermetic seal. Four
tables, two illustrations. H. Milenina.

SUB CODE: MI me
Cora 1/1

ENCL: 00

AR'YEV, A. M.

Method of measuring the angle of stability of synchronous motors working in parallel.
Trudy Rost. Inst. inzh. zhel. transp., No. 15, 1949.

SO: MLRA. October 1952.

AR'YEV, A.M., kandidat fiziko-matematicheskikh nauk.

Method for measuring dielectric and magnetic characteristics, Nauch.
trudy NPI 26:460-466 '55. (MIRA 9:12)
(Dielectric constants) (Magnetic measurements)

5.4500(B)

68186

SOV/58-59-5-10858

Translation from: Referativnyy Zhurnal Fizika, 1959, Nr 5, p 136 (USSR)

AUTHORS: Ar'yev, A.M., Ashraf'yan, A.P.

TITLE: Effect of Beta-Radiation¹⁷ on the Electric Conductivity of Synthetic Ceresin¹ 21

PERIODICAL: V sb.: Fiz. dielektrikov, Moscow, AS USSR, 1958, pp 50 - 51

ABSTRACT: The author studied the effect of β -radiation on the electric conductivity (σ) of synthetic ceresin. The ceresin was irradiated by a beam of β -particles from a preparation of radioactive P at room temperature; the measurement of σ was carried out at 100°C. After 45 hours of irradiation the σ of synthetic ceresin drops approximately by an order of magnitude (from 2.6×10^{-13} to 1.3×10^{-14} ohm⁻¹ cm⁻¹). Such a diminution of σ , in the opinion of the authors, is explained by some irreversible processes, e.g. the cross-linking of molecular chains; this is confirmed by the change in the crystal-lattice parameter. (Politekhn. in-t, Novocherkassk, USSR),

Card 1/1

V.V. Krasnopevtsev

S/058/61/000/003/011/027
A001/A001

Translation from: Referativnyy zhurnal, Fizika, 1961, No. 3, p. 302, # 3E195

AUTHORS: Ar'yev, A. M., Ashraf'yan, A. P.

TITLE: The Effect of β -Irradiation on Electric Conductivity and Structure of Synthetic Ceresin

PERIODICAL: "Tr. Novocherk. politekhn. in-ta", 1959, Vol. 73, "Raboty Kafedry fiz.", pp. 23-33

TEXT: The authors investigated the effect of β -irradiation (P^{32} isotope, energy 1.7 Mev, activity 5.6 mCu) on the structure and electric conductivity of synthetic ceresin which had, prior to irradiation, orthorhombic lattice at room temperature. With the growing irradiation dosage, interplanar spaces change according to a complicated law. Electric conductivity σ reduces considerably with the growth of irradiation dosage and does not restore completely to its initial value after discontinuation of irradiation effect. At the temperatures 70-100°C, the relation $\ln \sigma - 1/T$ is linear. At $T = 100^\circ\text{C}$ activation energy grows from 0.38 ev (for non-irradiated material) to 0.5 ev (after irradiation for 163

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S/058/61/000/003/011/027
A001/A001

The Effect of β -Irradiation on Electric Conductivity and Structure of Synthetic Ceresin

hours). It is presumed that charge carriers in synthetic ceresin are the ions of metallic impurities as well as the ions of oxidation products; reduction of σ during irradiation is related to formation of ion traps.

V. Kuchin

Translator's note: This is the full translation of the original Russian abstract.

Card 2/2

15.8600 also 1043,1138

S/058/61/000/001/004/008
A001/A001

Translation from: Referativnyy zhurnal, Fizika, 1961, No. 1, p. 265, # ID153

AUTHOR: Ar'yev, A. M.

TITLE: The Effect of Plane-Radial Tension on Dielectric Properties and Structure of Polyethylene

PERIODICAL: "Tr. Novocherk. politekh. in-ta", 1959, Vol. 73, "Raboty Kafedry fiz" pp. 151-161

TEXT: A 0.06-mm thick polyethylene film was used as a sample for testing. Measurements of dielectric constant (capacitance) were carried out at two frequencies: 2×10^6 and 50 cps. Curves of dependence of polyethylene film capacitance C on its tension were obtained at 17°C . At small tensions, capacitance of polyethylene changes negligibly or not at all. A further increase of tension leads to a faster growth of C . At a tension by about 300%, C is relatively stabilized. The tangent of loss angle, $\text{tg } \delta$, increases rather rapidly at small tensions of polyethylene, then follows a section of almost complete independence of $\text{tg } \delta$ of tension, and at strains approaching the strength limit of polyethylene $\text{tg } \delta$ increases again. Deformations arisen during the tension process are irreversible.

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S/058/61/000/001/004/008
A001/A001

The Effect of Plane-Radial Tension on Dielectric Properties and Structure of Polyethylene

Roentgenograms of polyethylene subjected to tension were taken. Structure changes can be apparently explained as follows: as a result of plane-parallel tension, processes of recrystallization and re-orientation of crystals in polymers take place, the latter dominating over the former. These processes lead to changes in dielectric properties of polymers.

Translator's note: This is the full translation of the original Russian abstract.

Card 2/2

88922

15.8600

S/058/61/000/001/003/008
A001/A001

Translation from: Referativnyy zhurnal, Fizika, 1961, No. 1, p. 265, #1D152

AUTHORS: Ar'yev, A. M., Al'tshuler, M. B.

TITLE: On the Problem of Changing the Polyethylene Structure by Plane-Parallel Tension

PERIODICAL: "Tr. Novocherk. politekhn. in-ta", 1959, Vol. 73. "Raboty Kafedry fiz.," pp. 173-179

TEXT: The authors plotted distribution curves of intensities, by scattering angles, for the initial polyethylene and for ethylene subjected to plane-parallel tension. For these two cases, the curves of radial distribution of atomic density are calculated. Maxima corresponding to interatomic distances and maxima of intermolecular distances were revealed in the curves. It is established that the mutual arrangement of polymer chains changes as a result of plane-parallel tension. The new arrangement of the chains is due to an increasing content of crystalline phase and the appearance of two new maxima of the distribution curve which were absent in the corresponding curve for the initial substance.
Translator's note: This is the full translation of the original Russian abstract.

Card 1/1

PHASE I BOOK EXPLOITATION SOV/4186

Akademiya nauk SSSR

Stroyeniye veshchestva i spektroskopiya (Structure of Matter and Spectroscopy) Moscow, Izd-vo AN SSSR, 1960. 113 p. Errata slip inserted. 2,300 copies printed.

Ed.: K. V. Astakhov, Professor; Tech. Ed.: F. P. Polenova.

PURPOSE: This collection of articles is intended for physicists and chemists interested in spectroscopic methods of research on the structure of molecules and related problems.

COVERAGE: The articles contained in this collection were taken from the editorial files of the Zhurnal fizicheskoy khimii (Journal of Physical Chemistry) and are concerned with spectroscopic methods in research on the structure of molecules, the covalent bond, isotopic effects, problems in magnetochemistry, the structure of aqueous solutions of electrolytes, and the chemistry of complex compounds. References accompany individual articles.

The author thanks the following for having participated in determining the density of deuteriocompounds: V. G. Golov, P. M. Kuznetsov, V. I. Kucheryavy, Ye. Z. Zhuravlev, V. I. Murzin and L. S. Zhilkin. He thanks A. I. Brodskiy for his discussion of the results.

Авторы А. М. и М. Б. Алтшуллер (Новохарьковский политехнический институт (Новохарьковский политехнический институт). План-радикал Extension

69

Радионичей, И. Е., З. М. Салов, Ye. L. Kuvikova, S. D. Radionich, and V. M. Mikhlin (Gorkiy State University and Muzhikovichskiy). Isotopic Effect on the Viscosity of Benzene

73

Viskositet, M. I., V. M. Yermolenko, and V. V. Pevsikov. Investigation of Surface Tension of Liquid Metal Solutions. I. Surface Tension of a Lead-Silver System

78

Verzhbark, P. I. Coordination Equilibria of Nickel Ions in $K_2O - P_2O_5 - SiO_2$ System Glasses

84

Kolesova, V. A. (Institut khimii silikatov (Institute of the Chemistry of Silicates)). Structure of Spodumene Glass V. I. Aver'yanov is thanked for having plotted the curves for α - and β -spodumene and for the crystallization product of spodumene glass.

93

Rebark, T. K. (Physicochemical Institute Imani L. Ya. Karpov). Calculation of X-ray Scattering Electron Diamagnetic Susceptibility of Certain Molecular Crystals Containing the Silver-mer Carbon Ring With the Aid of the Free Electrons Model. The author thanks M. Kalichevaya and Ye. N. Samosulov for the numerical calculations, and Ye. N. Gur'yanova and M. M. Alimov for their suggestions.

96

Samoilov, G. Ya., and M. M. Ruslayeva (Institut obshchey i neorganicheskoy khimii (Institute of General and Inorganic Chemistry Imani M. S. Kurbatov). Temperature Dependence of Coordination Numbers of Alkali Metal Cations in Aqueous Solutions

103

Isel'da, O. A. (Ural'skiy politehnicheskii institut im. S. M. Kirova (Ural Polytechnic Institute Imani S. M. Kirova). Form of Surface Tension Isotherms

111

AVAILABLE: Library of Congress

Card 6/6

JN/dma/vc
10-20-60

BR'YEV, H. M.

S/139/60/000/005/015/031
E201/E191

AUTHOR: Ar'yev, A.M.

TITLE: The Effect of Temperature on Dielectric Properties²¹ and
Structure of Synthetic Ceresin

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Fizika,
1960, No. 5, pp 88-95

TEXT: The author measured the volume electrical resistivity (ρ_v), permittivity (ϵ), $\tan \delta$ and the volume thermal expansion coefficient (α) of polycrystalline synthetic ceresin (ozocerite)¹⁵ at various temperatures. Structure of this compound was studied by X-ray diffraction methods at the same temperatures. Diffraction patterns were obtained with an X-ray tube of **BCB** (BSV) type fitted with a copper anode and operating at 25 kV, 10 mA. To obtain diffraction patterns of heated samples, the usual Debye camera was modified to the form shown in Fig. 1. Ceresin was placed in the top section of a Pyrex tube (2 in Fig.1) located in a porcelain tube (5), and heated with a Nichrome spiral (6). A thermocouple junction (4) was placed at the lower end of a sample (3); the junction was above the heater and outside the


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S/139/60/000/005/015/031
E201/E191

The Effect of Temperature on Dielectric Properties and Structure of Synthetic Ceresin

X-ray beam. Measurements of ρ_v , ϵ and $\tan \delta$ were carried out using standard cylindrical aluminium electrodes (Ref. 3). The resistivity was obtained with the usual galvanometer circuit (Ref. 3); the galvanometer was of 3×10^{-10} A/mm sensitivity and its period was 14 sec. Values of ϵ and $\tan \delta$ were obtained at 50 c/s with a MW-1 (MSh-1) bridge. The temperature dependences were obtained at a 0.5 deg/min rate of heating. The volume thermal expansion coefficient was measured by A.P. Derevyannykh with a dilatometer shown in Fig. 1a. The temperature dependences of $\tan \delta$, $\ln \rho_v$ and ϵ are given in Fig. 2; the temperature dependence of $\log \alpha$ is given in Fig. 2a. Table 1 lists the magnitudes of several discontinuities of $\tan \delta$, ϵ , $\ln \rho_v$ and $\log \alpha$, expressed in percent change of a given quantity. Some X-ray diffraction results are shown in Figs. 3a, 3b, and Fig. 4. The discontinuities in the temperature dependences of α , $\ln \rho_v$, $\tan \delta$ and ϵ and the changes in the diffraction patterns at 45-55, 65-70, 85, 95-98 °C show that at

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S/139/60/000/005/015/031
E201/E191

The Effect of Temperature on Dielectric Properties and Structure
of Synthetic Ceresin

these temperatures some components of ceresin melt and the structure of its crystalline components is altered. The structure changes tend to increase the free energy of the lattice, which passes through several minima indicating formation of various crystalline species.

Acknowledgements are made to Senior Laboratory Assistants G.N. Solovskiy, A.F. Lapin, Tokarev, and to Laboratory Assistant V.A. Leonova for their help in experiments.

There are 4 figures, 1 table and 6 references: 5 Soviet and 1 English. ✓

ASSOCIATION: Novocherkasskiy zooveterinarnyy institut imeni 1-y Konnoy Armii (Novocherkassk Zoo-Veterinary Institute imeni First Cavalry Army)

SUBMITTED: November 9, 1959

Card 3/3

15.8540 abw 2209 2409 1372

27131

S/081/61/000/003/019/019
A166/A129

AUTHOR: Ar'yev, A. M.

TITLE: The effect of plane-radial extension on the dielectric properties and structure of polyethylene

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 3, 1961, 615, abstract 3R26.
(Tr. Novocherk. politekhn. in-ta, 1959, no. 73, Raboty Kafedry fiz., 151 - 161)

TEXT: Measurements were made of the dependence of capacity and the tangent of the dielectric losses angle $\text{tg}\delta$ on the value of the plane-radial extension of a sample of polyethylene at frequencies of $2 \cdot 10^6$ and 50 cycles. At low extension values the capacity changes little, then rises rapidly with subsequent relative stabilization. $\text{Tg}\delta$ at low extension decreases quite rapidly, then occurs a zone where $\text{tg}\delta$ is almost completely unrelated to extension, followed by a new rise as deformation approaches the yield strength. The deformation is irreversible and hysteresis phenomena can be observed. Study of the roentgenograms shows that not only the Bröghof angles, but also the interplanar distances and the intensity of the diffraction lines change as a result of plane-radial extension. Calculation

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27131

S/081/61/000/003/019/019
A166/A129

The effect of plane-radial extension on the...

of the entropic force on the basis of Kun's theory shows that, with plane-radial extension, each molecule is acted on by a greater force than with linear extension to the same degree of deformation. Consequently, the recrystallization processes proceed more intensively with plane-radial than with monoaxial extension. The mechanism of molecular regrouping (re-orientation and recrystallization) leading to the effects observed and particularly to the appearance of a number of additional maxima on the capacity/extension curve is discussed. It is assumed that extension of the sample leads to a change in the relaxation times spectrum, especially in the low-frequency losses range.

Summary by Yu. Gotlib

[Abstracter's note: Complete translation]

Card 2/2

L 42971-65 EWT(m)/EPF(c)/EPR/EWP(j) /T Pc-l/Pr-l/Ps-l WW/RM
ACCESSION NR: AR5008931 S/0277/65/000/002/0027/0077

SOURCE: Ref. zh. Mashinostroitel'nyye materialy. konstruktivnyy raschet daniyev mashin. Otkrytyy vyp., Abs. 2 40 110

AUTHOR: Ar'yev, A. M.; Merzlyakov, V. V.; Pavskaya, L. M.

TITLE: Heat treatment of polycaprolactam and its effect on structure and mechanical properties

CITED SOURCE: Sb. tr. Kafedry fiz. Luganskiv mashinostroit. in-t. 4, 1964. 5-15

TOPIC TAGS: polycaprolactam, polymer tensile strength, polymer molecular weight, polymer structure, polymer heat treatment

TRANSLATION: The authors studied the effect of heat treatment (up to 7 hrs. at 70-80, 130-140 or 145-155C) on changes in molecular weight, structure and strength of polycaprolactam. The molecular weight and structure of polycaprolactam after heat treatment depends on the temperature and time of treatment. The strength of polycaprolactam after heat treatment depends on the temperature and time of treatment.

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L 42971-65

ACCESSION NR: AR5008931

initially, then dropped and increased again. However, the tensile strength of heat-treated caprone was higher in all cases, exceeding values for untreated samples by 50 to 100%.
... ..
... ..
system is maintained with a significant increase in molecular weight. Polycaprolactone exhibits the highest tensile strength during hours and after 6 hours of treatment. Bibli. with 6 titles.

SUB CODE: MT

ENCL: 00

By J.S.
2/2

L 55865-65 EWT(m)/EWG(v)/EWP(j)/I PC-4/pe-2 RM
ACCESSION NR: AR5014994 UR/0081/65/000/008/3077/3077

26
B

SOURCE: Ref. zh. Khimiya, Abs 8S468

AUTHOR: Ar'yev, A. M.; Merzlyakov, V. V.; Pavskaya, L. M.

TITLE: Effect of heat treatment of polycaprolactam on its structure and mechanical strength

CITED SOURCE: Sb. tr. Kafedry fiz. Luganskiy mashinostroit. in-t, v. 4, 1964, 5-15

TOPIC TAGS: polycaprolactam, polymer heat treatment, polymer strength, polymer structure/ capron

TRANSLATION: The effect of heat treatment (holding at 70-80, 130-140, and 145-155C for 7 hr.) on the change in molecular weight, structure, and strength of polycaprolactam was investigated. At all temperatures of heat treatment, the molecular weight increased with the holding time, particularly during the first 2-3 hr. The dependence of the tensile strength of the polyamide on the duration of heat treatment is not linear: it rises at first, slows down, then rises again, but the tensile strength of heat-treated capron was greater than that of

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L 55865-65

ACCESSION NR: AR5014994

the original samples in all cases. At 130-140C, the heat treatment should be applied only as long as the hexagonal system of symmetry is preserved while the molecular weight undergoes an appreciable increase. The greatest tensile strength was displayed by the polycaprolactan after 1.5 and 6 hr. of heat treatment. T. T.

SUP CODE: MT

ENCL: 00

amm
Card 2/2

AR'YEV, A.M. [Ar'iev, A.M.]; MERZLYAKOV, V.V.; PAVSHAYA, L.M. [Pavs'ka, L.M.];
TARASHCHANSKIY, A.G. [Tarashchans'kyi, A.H.]

Increasing the mechanical strength of polycaprolactam during the
thermal processing. Khim.prom. [Ukr.] no.2:10-11 Ap-Je '65.
(MIRA 18:6)

AR'YEV, A.M. [Ar'iev, A.M.]; NIKITENKO, B.V.

Single crystals in large polycaprolactam bars. Ukr. fiz. zhur.
10 no.7:802-803 J1 '65. (MIRA 18:9)

1. Luganskiy mashinostroitel'nyy institut.

БУРЯК, Константин Фодорович, шефер; АРЬЕВ, А.Ю., ред.

[20 years behind the wheel] 20 let za rulem. Arkhangel'sk,
Severo-Zapadnoe knizhnoe izd-vo, 1964. 29 p.

(MIRA 18:8)

AR'YEV, M., professor, zasluzhenny dyatel' nauki

Letter to the editor. Terap. arkh. 26 no.3:89 My-Je '54. (MLBA 7:9)
(ASTHMA)

AR'YEV, M.I.

Pathology of rupture of the ventricular septum in infarction of the myocardium. Sovet.vrach.sbom. no.17:25-27 S '49. (GIMI 19:2)

1. Leningrad.

AR'YEV, M. Ya. and AR'YEVA, Ye. M.

"Postwar Pathology," Klin. med., 26, No.1, 1948

Prof. Doctor, Clinic of Internal Diseases, Leningrad Stomatological Inst.

AR'YEV, M. Ya. Prof. Honored Worker of Science, Leningrad

"In Connection with Prof. L. M. Rakhlin's Observations on M. Ya. Ar'yev's
and Ye. P. Kartsevaya's Work 'Hypo- and Anoxy-Myocardia'," Klin. med., 26,
No.4, 1948

AR'YEV, M. Ya.

24073

AR'YEV, M. Ya. Ob ostrykh gepatitakh virusnoy etiologii (Bolezni' Botkina.)
Vrachob., Delo, 1949, No. 8, STB. 679-94.

SO: Ictopis, No. 32, 1949.

AR'YEV, M. Ya.

"Review of Prof. Yu. I. Arkuskiy's Monograph 'X-Ray Diagnostics of Diseases of the Heart and Blood Vessels'," Klin. med., 27, No.6, 1949

AR'YEV, M.Ya., professor, zasluzhenny deyatel' nauki. (Leningrad)

Cardiac asthma; clinical problems and pathogenesis. Klin. med.
34 no.1:82-87 Ja '56. (MLRA 9:5)

1. Iz kliniki vnutrennikh bolezney stomatolgoicheskogo fakul'teta
Leningradskogo sanitarno-gigiyenicheskogo instituta.
(DYSPNEA, PAROXYSMAL
clin. aspects & pathogen.)

AR'YEV, M.Ya., zasluzhenny deyatel' nauki, professor (Leningrad)

On A.F.Tur's article published in "Klinicheskaya meditsina,"
No.8, 1956. concerning my report on the pathogenesis of cardiac
asthma. Klin.med. 35 no.3:153 Mr '57. (MIRA 10:7)

(ASTHMA)

AR'YEV, Moisey Yakovlevich; RAVKIND, B.M., red.; SAFRONOVA, I.M.,
tekh. red.; BUGROVA, T.I., tekhn. red.

[Cardiac asthma] Serdechnaia astma. Leningrad, Medgiz, 1962.
66 p. (MIRA 15:7)

(ASTHMA) (HEART—DISEASES)

AR'YEV, T.I.

Pathology of local and general cooling off. Klin.med., Moskva
(CIML 19:2)
no.3:15-24 Mr '50.

1. Of the Group for the Study of Cryopathology of the Academy of
Medical Sciences USSR (Head of Group -- Prof. S.S.Girgolav, Active
Member AMS USSR), Leningrad.

ARYEV, T. Ya.

Frostbite.

New Findings Re the Pathology and Clinical Concept of Frostbite

Sovetski Vrachebny Zhurnal, 1938, 7, 392-402

ARYEV, T.Ya.

Frostbite. Translations from the Russian of a collection of sixteen papers published between 1939 and 1944; titles as follows:

(*) New Findings Re the Pathology and Clinical Concept of Frostbite. Sovetski Vrachebny Zhurnal, 1939, 7, 392-402.

Translation-2524467 30 Apr 1954.

GIRGOLAV, S. S. ; ARYEV, T. Ya.

Clinical Handling and Treatment of Frostbite.

Vrachebnoye Delo. 1940, 6, 416

20302. ^{Ar'ev, T. Ia.} AR'EV, T. IA. — Profilaktika otmorozhenii. (Voенно-meditsinskiй zhurnal, Dec. 1946. no. 12, p. 3-8) *Title tr.:* The prophylaxis of frostbite.

Contains a review article based on the experience of World Wars I and II, and dealing with the causes of frost injury: low temperature, moisture, mechanical slowing of circulation (e. g. through tight clothing, footwear), general and local decrease of resistance. This is followed by a discussion and presentation of preventive measures of three kinds: (1) group prophylaxis (organization of hygienic field covers and quarters; proper food supply, etc.); (2) proper and hygienic clothing and footgear; (3) personal hygiene. The problem of foot-wear and -care is discussed in detail.

Copy seen: DLC.

AR'EV, T. I.

20303. AR'EV, T. I.Â. Zamerzanie. (*In*
Énstsiklopedicheskiĭ slovar' voennoi meditsiny, ed. E. T. Smirnov, Moskva, 1947,
t. 2, col. 751-53) *Title tr.*: Freezing.
(*In Encyclopedic dictionary of war medicine*)

Contains a definition of the term as applied to human beings and information on the critical temperature of hypothermic death, symptoms at various lowered body temperatures, mass occurrences of freezing in peace and war. Successive symptoms during freezing, therapy, and prophylaxis are discussed. Bibliography is given under the heading: "Otmorozhenie" (Frostbite). *Copy seen*: DSG.

PA 10/49T78

AR'YEV, T. YA.

USSR/Medicine -- Bones, Diseases
Medicine -- Osteomyelitis

Mar/Apr 48

"Myoplasty for Bone Cavities Caused by Chronic
Osteomyelitis," T. Ya. Ar'yev, Clinic of Hosp
Surg, Mil Med Acad imeni S. M. Kirov, 9 pp

"Vest Khirurgii" Vol LXVIII, No 2

Describes development of myoplasty since first
proposed by Prof Schulten of Helsingfors in
1897. Gives details of its application in cases
of bone cavities caused by chronic osteomyelitis.

10/49T78

SMIRNOV, Ye.I., general-polkovnik meditsinskoy sluzhby, glav. red.; GIRGOLAV, S.S., general-leytenant meditsinskoy sluzhby, otv. red.; ANICEKOV, N.N., general-leytenant meditsinskoy sluzhby, red.; YELANSKIY, N.N., red.; LEVIT, V.S., red.; PRIOROV, N.N., zasluzhenny deyatel' nauki, prof., red.; RUFANOV, I.G., red.; SHAMOV, V.N., general-leytenant meditsinskoy sluzhby, red.; ARIYEV, T.Ya., red.; SAMOTKIN, B.A., kand. med. nauk, podpolkovnik med. sluzhby, red.

[Soviet medicine in the Great Patriotic War 1941-1945] Opyt sovetskoi meditsiny v Velikoi Otechestvennoi voine 1941-1945 gg. Moskva, Medgiz. Vol.4. 1949. 547 p. (MIRA 14:6)

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Girgolav, Shamov).
 2. Deystvitel'nyy chlen Akademii nauk SSSR i Akademii meditsinskikh nauk SSSR (for Anichkov)
- (WORLD WAR, 1939-1945—MEDICAL AND SANITARY AFFAIRS)
(SKULL—WOUNDS AND INJURIES)

115 1-4 1 100

AR'EV, T. YA.

23644.

KHRONICHESKIY OGNESTREL'NIY OSTEOMIELIT I EGO LECHENIYE. (PO OPYTU VELKOY OTECHESTV VOYNY 1941-1945 GG) KHRURGIYA, 1949, NO. 7, s. 35-50.--BIBLIOGR: S. 49-50.

SO: LETOPIS' NO. 31, 1949

1/18 1-23 1-14

20298. AR'EV, T. IĀ. K voprosu o patologii i klinike obshchego i mestnogo okhlazhdeniĀ. (Klinicheskai meditsina, 1950. t. 28, no. 3, p. 15-24) *Title tr.:* On the problem of the pathology and clinical aspects of general and local hypothermia.

Contains a general account and review of the problem with sections on: the effect of cold on the life of warm-blooded animals and on their tissues in culture; on their physiology, especially heart function, blood circulation and on the nervous system; physiology and pathology of general and local hypothermia (frost-bite); therapy in its general and practical aspects; various views and methods of therapy. Bibliography (9 items).

Copy seen: D.L.C.

Ar'ev, I Ya
20301. AR'EV, T. IĀ., and others.
Otmorozheniĭa. (In: Opyt sovetskoi
meditsiny v Velikoi Otechestvennoi Volne
1941-1945 gg. Moskva, Medgiz, 1951. t.
1, p. 191-331, illus. plates, diagrs.,
tables) Other authors: V. S. Gamov, S. S.
Girgolav and D. G. Rokhlin. Title tr.:
Frost injuries. (In: Practice of Soviet
medicine during the Great Patriotic
War 1941-1945).

Contains an extensive monograph on
frostbite written by leading Russian
authorities, with the following chapters:
1. Historical data (p. 194-95), dealing
with frostbite losses in wars since
Napoleon's Russian campaign. 2. Sta-
tistical data (p. 196-210) on localization,
extent, degree of damage; wound and
frost damage combined, freezing to death.
3. Etiology and pathogenesis of frost
injury (p. 211-37), dealing with kinds of
frost damage; theory of pathogenesis;

with frostbite losses in wars since Napoleon's Russian campaign. 2. Statistical data (p. 196-210) on localization, extent, degree of damage; wound and frost damage combined, freezing to death. 3. Etiology and pathogenesis of frost injury (p. 211-37), dealing with kinds of frost damage; theory of pathogenesis; disseminative necrosis; conditions creating and assisting frostbite: mechanical impediments to circulation, local and general loss of resistance, effect of the tactical position. 4. Some data on tissue changes due to frostbite (p. 238-39). 5. Diagnosis (p. 241-51), presenting general and x-ray diagnosis. 6. Classification and symptomatology of frostbite (p. 252-59), discussing four degrees of frostbite, symptoms, x-ray pictures, etc. 7. Complications (p. 260-80), deal-

20301

CONT.

ing with local complications of soft
tissues, joints and bones; general com-
plications; late complications and se-
quelae. 8. Therapy (p. 281-321), in-
cluding first aid; conservative therapy;
surgical therapy; post-operative treat-
ment; therapy according to the degree
of frostbite. 9. Prophylaxis (p. 322-23),
collective and general. 10. Results and
conclusions (p. 326-31), stressing the
value of instructing the soldier about
frostbite and its prophylaxis; the im-
portance of proper clothing and shoe gear;
the great success of therapy by quick
re-warming, and the preference for early
amputation and neurectomy.

Copy seen: DLC.

AR'YEV, T.Ya.; NIKITIN, G.D.

Transplantation of muscle flaps from one extremity into the other in plastic repair of bone cavities. Vest. khir. 71 no.2:23-31 1951.
(CINL 20:8)

1. Of the Department of Hospital Surgery of the Military Medical Academy imeni S.M. Kirov (Head of Department—S.S. Gergolav).

AS LEV, I. Ya.

SMIRNOV, Ye.I., general polkovnik meditsinskoy sluzhby, glavnyy redaktor;
GIRGOLOV, S.S., otvetstvennyy redaktor; ANICHKOV, N.N., redaktor;
YELANSKIY, N.N., redaktor; LEVIT, V.S., redaktor; PRIOROV, N.N.,
redaktor; RUFANOV, I.G., redaktor; SHAMOV, V.N., redaktor; AR'YEV,
T.Ya., redaktor; BAKULEV, A.N., redaktor; ZHMUR, V.A., professor,
redaktor

[Experience acquired by Soviet medicine in the Great Patriotic War,
1941-1945] Opyt sovetskoi meditsiny v Velikoi Otechestvennoi voine
1941-1945 gg. Moskva, Gos. izd-vo meditsinskoi lit-ry. Vol.11. 1952.
415 p. (MLRA 8:2)

1. Deystvitel'nyy chlen Akademii nauk SSSR i Akademii meditsinskikh
nauk SSSR (for Anichkov) 2. Deystvitel'nyy chlen Akademii meditsin-
skikh nauk SSSR (for Bakulev)
(Spine--Wounds and injuries)

HR YE. T. Ya.

MIKHAYLOVA, O.A. (Saratov); AR'YEV, T.Ya., professor.

Displacement of the heart into the free abdominal cavity as a result of a traumatic defect of the diaphragm. Khirurgia no.6:75-76 Je '53.

(MIRA 6:8)

(Heart--Displacement)

AR'YEV, T.Ya.

[Plastic muscle surgery for bone cavities] Myshechnaia plastika
kostnykh polestei. Moskva, Medgiz, 1955. 174 p. (MIRA 9:6)
(BONES--SURGERY) (MUSCLE)

USSR/Human and Animal Morphology - Normal and Pathological. S
Anomalies of Development and Pathological Anatomy

Abs Jour : Ref Zhur Biol., No 11, 1958, 50440

Author : ~~Ar'yev, T.Ya.~~

Inst : -

Title : On the Diagnosis, Distribution in Tissues Course and Outcome of Necrosis.

Orig Pub : Eksperim. Khirurgiya, 1956, No 5, 10-17

Abstract : The course and outcome of necrosis in 29 sick animals with gangrene of the extremities, necrotized transplants, osteonecrosis and massive exfoliation of the skin were traced. Apart from this, an ischemic gangrene of an extremity was induced in 44 rabbits by applying a tourniquet. Histological investigation showed that tissues which are less differentiated die more slowly. In the organization of necrosis, the morphological structure of necrotic tissues remains unchanged for a prolonged time

Card 1/2

- 55 -

USSR/Human and Animal Morphology - Normal and Pathological. S
Anomalies of Development and Pathological Anatomy

Abs Jour : Ref Zhur Biol., No 11, 1958, 50440

and provides a reason for considering these tissues as
living ones. -- K.N. Monakova

Card 2/2

AR'YEV, T.Ya.; KUTAMONOVA, N.I.

Surgical methods in bilateral severance and macerations of the lower extremities. Ortop.travm. i protes. 17 no.6:120 N-D '56. (MIRA 10:2)

1. Iz khirurgicheskoy kliniki (zaveduyushchiy - professor T.Ya. Ar'yev) 1-y klinicheskoy bol'nitsy im. V.I.Lenina v Saratove.
(EXTREMITIES, LOWER--SURGERY)

AR'YEV, T.Ya.

On the death of S.S. Girgolav (1881-1957) Khirurgiia 33 no.8:132-133
Ag '57. (MIRA 11:4)
(GIRGOLAV, SEMEN SEMENOVICH, 1881-1957)

AR'YEV, T.Ya., prof.; POVSTYANOV, N.Ye.

Primary surgical treatment of burns; determination of the concept; indications, technic, and results [with summary in English].
Khirurgiya 33 no.9:14-22 S '57. (MIRA 11:4)

1. Iz khirurgicheskoy kliniki (zav. - prof. T.Ya.Ar'yev) i-y
Sovetskoy kliniki imeni V.I.Lenina. Saratova
(BURNS, surg.)

KOLESNIKOV, I.S., prof.; AR'YEV, T.Ya., prof.

Local treatment of burns. Khirurgia 35 no.7:26-30 J1 '59.

(MIRA 12:12)

1. Iz 1-y gosspital'noy khirurgicheskoy kliniki (nach. - prof. I.S. Kolesnikov) Voenno-meditsinskoy ordena Lenina akademii im. S.M. Kirova.

(BURNS, therapy)

KOLESNIKOV, I.S.; AR'YEV, T.Ya.

Classification of burns. Nov. khir. arkh. no.2:18-24 ~~Mr~~-Ap '60.
(MIRA 14:11)

1. Kafedra gospi'tal'noy khirurgii 1 (nachal'nik - prof. I.S.Kolesnikov)
Voyenno-meditsinskoy ordena Lenina akademii imeni S.M.Kirova.
(BURNS AND SCALDS---CLASSIFICATION)

AR'YEV, T.Ya., polkovnik meditsinskoy sluzhby, prof.

Clinical aspects and operative treatment of burns. Voen.-med. zhur.
no.8:20-23 Ag '60. (MIRA 14:7)

(BURNS AND SCALDS)

KOLESNIKOV, I.S.; AR'YEV, T.Ya.

Lesions of the locomotor apparatus in burns and principles of
treatment. Ortop., travm. i protez. 21 no.11:3-7 '60.

(MIRA 14:4)

(BURNS AND SCALDS) (EXTREMITIES (ANATOMY)—WOUNDS AND INJURIES)

KOLESNIKOV, I.S.; AR'YEV, T.Ya.

Various controversial questions in the current treatment of burns.
Vest.Khir. 84 no.6:48-53 Je '60. (MIRA 13:12)
(BURNS AND SCALDS)

AR'YEV, Tuviy Yakovlevich, prof.; TIMOFEYEV, N.S., red.; KHARASH,
G.A., tekhn. red.

[Burns; what one should know about burns] Ozhogi; chto po-
lezno znat' ob ozhogakh. Leningrad, Medgiz, 1961. 47 p.
(MIRA 15:7)

(BURNS AND SCALDS)

AR'YEV, T.Ya.

Modern free dermatoplasty and its place in treating patients with
surgical diseases. Khirurgiia no.8:64-67 Ag '61. (MIRA 15:5)

1. Iz gosital'noy khirurgicheskoy kliniki No.1 (nach. - prof.
I.S. Kolesnikov) Voenno-meditsinskoy ordena Lenina akademii
imeni S.M. Kirova. (SKIN GRAFTING)

GEORGIYEVSKIY, A.S., general-leytenant meditsinskoy sluzhby, prof.;
AR'YEV, T.Ya., polkovnik meditsinskoy sluzhby, prof.; SHEYNIS,
V.N., polkovnik med.sluzhby, doktor med.nauk

Organizational and clinical principles for medical aid and treat-
ment of burns under the condition of modern war. Voen.-med.zhur.
no.10:21-26 0 '61. (MIRA 15:5)
(BURNS AND SCALDS) (MEDICINE, MILITARY)

AR'YEV, T.Ya.

Modern therapy for burns. Vest.derm.1 ven. 35 no.4:3-8 Ap '61.
(MIRA 14:5)

1. Iz gospital'noy khirurgicheskoy kliniki No.1 (nach. - prof.
I.S. Kolesnikov) Voenno-meditsinskoy ordena Lenina akademii
imeni S.M. Kirova.
(BURNS AND SCALDS)

AR'YEV, T.Ya. (Leningrad)

Burn disease (clinical aspects, pathogenesis, principles of
treatment). Klin.med. no.3:7-19 '62. (MIRA 15:3)
(BURNS AND SCALDS)

AR'YEV, T. Ya., prof.

Effect of surface skin losses on lethality, pathogenesis and
therapeutic principles in burn disease. Khirurgia 38 no.7:
101-106 J1 '62. (MIRA 15:7)

1. Iz Voenno-meditsinskoy ordena Lenina akademii imeni S. M.
Kirova.

(BURNS AND SCALDS)

AR'YEV, T.Ya. (Leningrad F-2, ul. Dostoyevskogo, d.2, kv.8)

Surgery in burns; a critical review of contemporary foreign literature. Ortop., travm.i protes. 23 no.11:76-86 N '62. (MIRA 16:4)

1. Iz Voenno-meditsinskoy ordena Lenina akademii imeni S.M. Kirova.

(BURNS AND SCALDS)

(SURGERY, OPERATIVE)

AR'YEV, T.Ya., prof.(Leningrad); BABCHIN, I.S., prof.(Leningrad);
VAYNSHTEYN, V.G., prof. (Leningrad); GORODETSKIY, Ye.M.,
kand. med. nauk (Moskva); GRATSIANSKIY, V.P., prof.
(Leningrad); KORNEV, P.G., prof.(Leningrad); KAPLAN, A.V., prof.
(Moskva); LEVIT, V.S., zasl. deyatel' nauki, prof.[deceased];
PSHENICHNIKOV, V.I., prof.(Moskva); RUFANOV, I.G., prof.
(Moskva); SITENKO, V.M., prof.(Leningrad); SMIRNOV, Ye.V., prof.
(Leningrad); FRIDLAND, M.O., zasl. deyatel' nauki, prof.(Moskva);
SHEYNIS, V.N., doktor med. nauk, (Leningrad); SHLAPOBERSKIY,
V.Ya., prof.(Moskva); VISHNEVSKIY, A.A., prof., red.; GOL'DGAMMER,
K.K., red.; BEL'CHIKOVA, Yu.S., tekhn. red.

[Specialized surgery] Chastnaia khirurgia; rukovodstvo dlia vra-
chei v trekh tomakh. Pod red. A.A. Vishnevskogo i V.S. Levita.
Moskva, Medgiz. Vol.3.[The extremities] Konechnosti. 1963. 670 p.
(MIRA 16:5)

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for
Kornev, Rufanov).

(EXTREMITIES (ANATOMY))--SURGERY

AR'YEV, T.Ya., prof. (Leningrad)

Contemporary treatment of burns. Vest. khir. 92 no.1:116-118
Ja '64. (MIRA 17:11)

AR'YEV, T. Ya., prof. (Leningrad)

Surgery in burns. Khirurgia 39 no.12:29-31 D '63
(MIRA 18:1)

AR'YEV, T., prof., general-major meditsinskoy sluzhby

Burns and their treatment. Voen. znan. 41 no.9:18-19 S '65,
(MIRA 18:10)

AR'YEV, Yu.A., inzh.; PAVLUSHKOV, V.V., inzh.; CHEZHEV, V.A., inzh.

Cantilever erection of reinforced-concrete spans made of
blocks with dry seams. Transp. stroi. 13 no.1:17-22 Ja '63
(MIRA 18:2)

AR'YEV, Yuriy Alekseyevich; PA VLUSHKOV, Vladimir Vsevolodovich;
CHEZHIN, Vladimir Aleksandrovich; IVANOVSKAYA, K.M., red.

[Cantilever erection of reinforced concrete bridges] So-
oruzhenie zhelezobetonnoogo mosta naveznoi sborkoi. Mo-
skva, Transport, 1965. 31 p. (MIRA 18:4)

^A
AR'YEV, Yu., inzh.

Over-all reconstruction of bridges. Zhel. dor. transp. no.3:74-76
'47. (MIRA 13:2)
(Leningrad--Railroad bridges--Repairing)

AR'YEV, Yuriy Alekseyevich; LUGA, Aleksandr Aleksandrovich; PAVLUSHKOV,
Vladimir Vsevolodovich; SOBAKIN, Aleksandr Vladimirovich;
CHEZHIN, Vladimir Aleksandrovich; SERGHEYEV, A.F., red.; GALAKTIONOVA,
Ye.N., tekhn.red.

[Constructing large bridges with supports on pile rafts] Postroika
bol'shogo mosta s oporami na svainykh rostverkakh. Moskva, Nauchno-
tekh.isd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR,
1959. 50 p. (MIRA 13:4)

(Bridges--Foundations and piers)

AR'YEV, Yu.A.; TELENKOVA, O.N., inzh.; TIGAZIN, G.A.

Experience in using a helicopter in the construction
of an automobile bridge. Transp.stroi. 14 no.12:11-15
D '64. (MIRA 1961)

AR'YEVA, Ye.M.

Plasma proteins in rheumatism and subacute septic endocarditis.
Klin.med.,Moskva 29 no.1:75-76 Jan 51. (CML 20:5)

1. Leningrad.

AR'YEV/A, Ye.M., kand.med.nauk

Clinical and electrocardiographic observations of bilateral ligation of the internal mammary artery in patients with chronic coronary insufficiency. Terap.arkh. 33 no.2:28-33 P '61.

(MIRA 14:3)

1. Iz terapevticheskogo otdeleniya bol'nitsy imeni Uritskogo (nauchnyy rukovoditel' - prof. V.I. Molesov), Leningrad.
(CORONARY HEART DISEASE) (ELECTROCARDIOGRAPHY)

AR'YEVA, Ye.M.

Immediate and late results of a bilateral ligation of the
internal thoracic artery in chronic coronary insufficiency.
Trudy Inst. klin. i eksper. kard. AN Gruz. SSR 89555-557 '69.
(MIRA 17:7)

1. Institut Fiziologii AN SSSR, Leningrad.

ARYKHOV, S.G., inzh.; TENENGOL'TS, S.M., inzh.

Self-regenerating filter for feed-water purification. Energetik
9 no.7:20-22 J1 '61. (MIRA 14:9)
(Feed-water purification)

ARYKIN, I. G.

USSR/Geophysics - Canal Construction

Jun 51

"The Tractor Aggregate SUTA-1 (T-106) in Irrigation-Conservation Works," I. G. Arykin, Cand Tech Sci, M. P. Lebedev, V. Ye. Yuzvuk, Engineers

"Gidrotekh i Meliorat" No 6, pp 71-75

Describe tech characteristics of so-called universal tractor aggregate SUTA-1 (T-106), e.g., 80 hp, wt of dragline with tractor and bulldozer: 18,200 kg, grab bucket with tractor and bulldozer: 18,400 kg, piledriver with tractor and bulldozer: 18,600 kg, crane with tractor and bulldozer: 17,500 kg. Now it is being proposed that shovel be added to attachments of this tractor to increase its usefulness.

186T37

ARYKIN, I. G.

7671. ARYKIN, I. G. -- Pamyatka po tekhnike bezopasnosti rabochemy na molevom splave. M. - L., Goslesbumizdat, 1954. 135. 11 sm. (M-VO lesnoy prom-sti SSSR. Upr. Truda, zarabotnoy platy i tekhnikebezopasnosti). 88.000 ekz. 5K. - V vyp. dan. sost I. G. ARYKIN - (55-4142) 634.982.54:658.283

SO: Knizhnaya Letopsis', Vol. 7, 1955