

GEORGIEV, Z.; ANATKOV, At.; GIGOVA, D.; VELIZAROVA, K.; GORANOV, Em.;
TANKOVSKI, Iv.; DOBREVA, An.; NOEV, K.

On clinico-hematological forms of neoplastic leukemia. Suvr.
med. (Sofia) 15 no.12:13-22 '64.

1. NOEV, V. N., MESHCHANINOV, I. A., Engr.
2. USSR (600)
4. Steam Boilers
7. Deterioration in boilers due to brittleness.
Rab. energ. 2 No. 11, 1952

9. Monthly Lists of Russian Accessions, Library of Congress, March 1953, Unclassified.

TOSHKOV,As.; KUIUMDZHIEV,D.; NOEVA,K.

Penicillin and certain of its decomposition products as factors responsible for morphological changes in some bacteria. Izv. mikrob. inst.,Sofia no.11:191-199 '60.

(PENICILLIN pharmacol.)

(SALMONELLA pharmacol.)

(PROTEUS pharmacol.)

SOKOLOVSKA, M.; KRULJKOVSKA, M.; NOFER, G.

Some problems of health protection of women in industry. Cesk. zdravot
7 no.1:12-16 Jan 59.

1. Z Ustavu pracovnino lekarstvi v Lodzi, reditel doc. G. Nofer.
(INDUSTRIAL HYGIENE
female workers in Europe (Cz))

WRONSKA-NOFER, Teresa; NOFER, Jerzy; TARKOWSKI, Stanislaw

Impaired riacin metabolite excretion in animals poisoned with
carbon disulfide. Med. pracy 16 no.2:77-81 '65

1. Z Zakladu Toksykologii Przemyslowej Instytutu Medycyny Pracy
w Lodzi (Dyrektor: doc. dr. J. Nofer).

NOFER, J.; PODDEBNIAK, S.

Effect of hot microclimate in spinning and weaving plants on absenteeism due to diseases and on working efficiency of workers. *Med. pracy* 4 no.5: 325-342 1953. (CLME 25:5)

1. Of the Institute of Industrial Medicine (Head--Prof. E. Faluch, M.D.),
Lublin.

SOKOLOWSKA, M.; KROLIKOWSKA, M.; HOFER, J.

Certain problems of woman's health protection in industry; report of the Polish delegation. Pracovni lek. 11 no.1-2:61-67 Feb 59.

(INDUSTRIAL HYGIENE,

in Poland, gyn. serv. (Cz))

(GYNECOLOGY,

in indust. hyg. in Poland (Cz))

NOFER, Jerzy

Research on physiological and pathophysiological problems of
labor medicine in the light of technological progress. Nauka
polska 10 no.3:15-17 My-Je '62.

1. Instytut Medycyny Pracy w Przemysle Węglowym i Hutniczym,
Zabrze-Rokitnica.

*

NOFER, Jerzy (Warszawa)

Development and present state of industrial medicine in Poland.
Nauka polska 11 no.4:57-70 J1-Ag '63.

NOGA, E.

Should the Kvitkovic Machine-Tractor Station be reprimanded or recognized and rewarded? p. 118.

MECHANISACE ZEMEDLSTVI. Vol. 5, No. 6, Mar. 1955

SO: Monthly East European Accession, (EEAL), LC, Vol. 4, No. 9, Sept. 1955 Uncl.

NOGA, Jan, inz.; NOVAK, Jaromir, inz.

Boring and blasting operation in the limestone quarry Kotouc near Stramberk. Rudy 10 no.3:78-82 Mr '62.

1. Vitkovicke zelezarny Klementa Gottwalda, Kotouc - Stramberk.

NOGA, K.; BUZEK, Z.

Intensification of the melting down in arc furnaces with capacity up to 10 tons, with natural gas-oxygen burners. Sbor VSB Ostrava 9 no.1:51-58'63.

ZHUBB, L. E., NOGA, N.A.

Preheating of roller dies. Kuz.-shtan. proizv. 2 no.7:43 JI '60.
(MIRA 13:8)

(Forging machinery) (Dies (Metalworking))

SHARAPIN, Ye.F.; MOGA, N.A.

Resistance of roll dies. Luz.-shtan. proizv. 2 no.9:8-10
8 '60.

(MIRA 17:9)

(Dies (Metalworking))

SHARAPIN, Ye.F. & MOGA, N.A.

Determining the productivity of a forging die. Izv.vys.ucheb.zav.;
chern.met. no.7:111-116 '60. (MIRA 13:8)

1. Khar'kovskiy politekhnicheskii institut.
(Dies (Metalworking))
(Forging--Equipment and supplies)

S/182/60/000/009/008/012/XX
A161/A029

AUTHORS: Sharapin, Ye.F.; Noga, N.A.

TITLE: On the Durability of Roll Dies

PERIODICAL: Kuznechno-shtampovochnoye proizvodstvo, 1960, No. 9, pp. 8 - 10

TEXT: The dies concerned are chain link dies for outer chain links of the scraper conveyer of a coal cutter-loader ("combine"). Different steel grades were tested during a year at the "Svet shakhtera" Works in Khar'kov. The imprint is made in the top die, the bottom die is smooth. The dies developed networks of hot-fatigue cracks, particularly the dies from 4X882 (4Kh8V2) steel with a high RC hardness of over 50, or ruptures in the upper die and a peculiar wear pattern on the bottom die indicating slipping. The high protrusions of the top dies were wearing rapidly, as well as the opposite spots on the bottom dies, whilst the remainder of the imprint did not exceed the forging allowance. Optimum hardness values were found for the work surface of the dies from three steel grades (Table 2):

Card 1/2

S/182/60/000/009/008/012/XX
A161/A029

On the Durability of Roll Dies

Steel	Optimum Surface Hardness RC	Die Life Between Regrindings (Number of Stamped Chain Links per One Imprint)
5XHT (5KhNT)	44 - 48	1,550 - 1,800
4OXHMA (4OKhNMA)	42 - 46	1,400 - 1,500
4X8B2 (4Kh8V2)	44 - 48	2,300 - 2,500



The 4Kh8V2 grade was finally chosen for the dies. Water with 8% NaCl was used for lubricant and coolant in the tests. Wear was measured with a special device with needle tip and indicator (no other details are given). The tests show that wear was slowest in the first work period before regrinding. It increased after every regrinding because hardening was discontinued. It is possible to find the durability in separate work periods of the die by the given maximum forging allowance figures or any other data, and hence to determine the durability limit corresponding to the total regrinding allowance. There are 6 figures and 2 tables.

ZHUBR, L.N.; NOGA, N.A.

Design of guides with protective device against overloading.
Kuz.-shtam. proizv. } no.9:47 S '61. (MIRA 14:9)
(Forging machinery)

NOGA, N.A.; ZHUBER, L.N.

Inserts for forging dies. Mashinostroenie no.1:105-106 Ja-F
'62. (MIRA 15:2)
(Dies (Metalworking))

5/18 / 5 / 200/00 / 000/000
1038/5112

AUTHOR: Noga, N.

TITLE: The effect of the fin thickness on the efficiency and wear of forging rolls

PERIODICAL: Kuznechno-shtampovoye proizvodstvo, no. 2, 1962, 18-20

TEXT: The article deals with a method for rationally selecting fin thickness in forgings, and for choosing the optimum gap between the dies in roll forging. The forging of the outer chain links of a scraper conveyor of a coal combine was investigated at the zavod "Svet shakhtera" (Svet shakhtera Plant). Blanks 25 mm in diam, 225 mm in length from 5F2 (5G2) steel were tested, and 5 sets of forging rolls made from 4X88 (4Eh8V) steel of RC 44 hardness used. The temperature of fins could be 100°C or more below that of the base metal. The author concludes that: (1) in selecting the fin thickness, the elasticity of the rolls and the proper filling-in of the impression of the die passes should be considered; (2) a standardized optimum fin thickness should facilitate: (a) the removal of forged bars, (b) result in a high quality of forgings, and (c) a maximum efficiency and ultimate die durability. It is stated that the die wear was at its lowest when

Card 1/2

3/18./62/000/00 /003/006
0038/111

The effect of the fin thickness is

the fin thickness varied between 0.5-2.0 mm. **e**-162 (**S**-162) bracket type forging rolls are mentioned. There are 2 figures and 3 Soviet-bloc references. ✓

Card 2/2

NOGA, N.A.; ZHUBR, L.N.

Effect of the surface finish of roller dies on their wear
resistance. Kuz.-shtam. proizv. 4 no.7:8-10 J1 '62. (MIRA 15:7)
(Dies (Metalworking))

MAKSIMOV, N.V., inzh.; NOGA, N.A., inzh.; MISHCHENKO, I.A., inzh.

Increasing the strength of drawing die blocks. Mashinostroenie
no. 5:45-46 S-O '64 (MIRA 18:2)

NOGA, N.A., inzh.; ZHUBR, L.N., inzh.

Making and multiple reconditioning of upsetting dies. Mashinostroenie no. 5347-48 S-0 '64 (MIRA 18:2)

NOGA, T.

NOGA, T. Milling of grain obtained from neighboring localities in Rzeszow
Voivodeship. p. 26. Vol. 7, no. 10, Oct. 1956. GOSPODARKA ZBOZOWA.
Warszawa, Poland.

SOURCE: East European Accessions List (FEAL) Vol. 6, No. 4--April 1957

CRISTESCU, Cornelia; IONESCU, Victor; VLAICU, Stefania; ^{C14}NOGACEVSKI-RUSU, L.;
POPOVICI, Gigel

Precise positions of minor planets. Studii astron seismol 4 no.2:
321-361 '59. (EEAI 9:9)
(Planets)

CH
NOGACEVSI-RUSU, Ludmila

Determining the elements of the eclipsing variables W Delphini by
Russell's method. Studii astron seismol 4 no.2:363-367 '59.

(EAI 9:9)

(Stars) (Eclipses)

IONESCU VLASCEANU, Victor; NOGACEVSCHI RUSU, Ludmila

Exact positions of minor planets. Studii astron seismol 5 no.1:201-204
'60. (EEAI 10:3)

(Planets)

NOGACH, Zdenek [Nohac, Zdenek], zhurnalist; OBORSKIY, Stanislav,
zhurnalist; MOSKOVSKAYA, L.V. [translator];
KOLOMIYTSEVA, O.I., red.

[Trains are headed east] Poeszda idut na Vostok. Moskva,
Sovetskaiia Rossiia, 1964. 283 p. (MIRA 18:2)

NOGACHEVSKIY, I.I. [Nohachevs'kyi, I.I.]

Immunization reaction in vaccination at different intervals.
Report no.1. Dynamics of the formation of O and H agglutinins
in vaccinating at shorter intervals. Mikrobiol. zhur. 20.4:
40-44'58. (MIRA 16:8)

1. Kafedra mikrobiologii Kiyevskogo meditsinskogo instituta im.
akademika Bogomol'tsa.
(AGGLUTININS) . (VACCINATION)

HOVACHEVSKIY, I.I. [Hohachevs'kyi, I.I.]

Immunoreactions during vaccination at various intervals.
Report No.2: Dynamics of the formation of complement-fixing
antibodies at shortened intervals. Mikrobiol.zhur. 21 no.4:
53-57 '59. (MIRA 12:11)

1. Iz Kiyevskogo meditsinskogo instituta, kafedra mikrobiologii.
(COMPLEMENT)
(VACCINATION)

VASILENKO, A.G.; NOGACHEVSKIY, I.I.; DZIS', I.P.

Interrelations of autoinfection and leukopenia and connective
tissue mast cell reactions in radiation injury. Med. rad. 5
no.12:72-73 '60. (MIRA 14:3)

(RADIATION SICKNESS) (LEUKOPENIA)
(MAST CELLS)

NOGACHEVSKIY, I. I., Cand. Medic. Sci. (diss) "Experimental Study of Reactions of Immunity Under Different Patterns of Typhoid Vaccination," Kiev, 1961, 19 pp. (Acad. of Sci. UkSSR, Dept. of Biol. Sci.) 110 copies (KL Supp 12-61, 287).

VASILENKO, A.G.; NOGACHEVSKIY, I.I.

Role of biocenosis of the intestinal microflora following radiation.
Report No. 1: Interrelation of autoinfection, leucopenia, and the
role of latent infection following radiation. Zhur.mikrobiol.epid.i
immun. 33 no.5:117-118 My '62. (MIRA 15:8)

1. Iz Ternopol'skogo meditsinskogo instituta.
(INTESTINES—MICROBIOLOGY) (RADIATION—PHYSIOLOGICAL EFFECT)
(LEUCOPENIA)

PASECHNIK, I.Kh.; SYTNIK, I.A.; NOGACHEVSKIY, I.I.

Phagocytic activity of leucocytes during the treatment of
experimental hepatitis with vitamin B₆. Biul. eksp. biol.
i med. 59 no.6:46-49 Je '65. (MIRA 18:6)

1. Kafedra farmakologii (zav. - prof. N.P. Skakun) i kafedra
mikrobiologii (zav. - dotsent I.A. Sytnik) Ternopol'skogo
gosudarstvennogo meditsinskogo instituta.

NOGAIDELI, A.I.; TKESHELASHVILI, R.Sh.

Condensation of acetylene with acetone in the vapor phase in the presence of caustic soda deposited on activated gumbrin. Zhur. prikl. khim. 38 no.7:1639-1640 JI '65. (AIRA 18:7)

1. Tbilisaskiy gosudarstvennyy universitat.

RAFALSKI, Henryk, dr med.; NOGAL, Edward

Short method of indirect calculation of nitrogen in the body of
a rat as applied in studies on protein assimilation. Pt.1.
Roczn panst zakl hig 15 no.3:257-266 '64.

1. Department and Institute of General and Social Hygiene, School
of Medicine, Lodz. Acting head: [dr med.] H.Rafalski.

NOGALLER, A. M. Cand. Med. Sci.

Dissertation: "Clinical Observation, Treatment and Sequelae of Wounds of the Pleura and Lungs." First Moscow Order of Lenin Medical Inst. 31 Mar 47.

SO: Vechernyaya Moskva, Mar, 1947 (Project #17836)

NOGALNIK, H. H.

USSR

GERM

Influence of nutrition on inotropic activity of the blood serum of hypertensive patients. A. M. Nogalnik. *Travp. A. Ak. 23, No. 2, 47-51 (1951); Chem. Zentr. 1951, II, 4915.* MD

The feeding of a diet of apples, tomatoes, fruit and vegetable juices, and raw vegetables, all of which are recommended in cases of hypertension, for several days resulted in a decline in the inotropic activity, i.e., in the humoral factor of the serum which strengthens the activity of the isolated frog heart. When there was simultaneous hunger, no decisive effect was observed. After the eating of meat once or over a period (130 g. daily for 8-10 days) the inotropic activity of the serum increased in half the cases studied, while the general condition, blood pressure, and residual N of the blood remained unchanged. Only during early stages of the condition and in mild cases can the inotropic activity of the blood of hypertensive individuals be modified by treatment. M. G. Moore

Land Med Sci

Chemical Div., Egypt Lab., Clinic Therapeutic Nutrition,

Inst. of Nutrition, AMS USSR

NOGALLEP, A. M.

NOGALLEP, A.M.

Joint scientific conference on therapy held by institutes on
November 14-17, 1953 in Moscow. Vop. pit. 13 no.4:60-61 J1-
Ag '54. (MIRA 7:7)
(DIET IN DISEASE)

NOGALLER, A.M.

Use of therapeutic nutrition at health resorts and sanatoriums.
Vop. pit. 13 no.6:46-48 N-D '54. (MLRA 8:1)

1. Iz Bal'neologicheskogo instituta na Kavkazkikh mineral'nykh
vodakh, Pyatigorsk.
(DIMS, in various diseases,
in health resorts & sanatoria)

NOGALLER, A.M.

USSR/Medicine - Diets

FD-1757

Card 1/1 Pub 141-4/15

Author : Nogaller, A. M.; Vishnivskaya, Yu. S.; Makarova, L. A.; Prokopchuk
N. M.; Gyandzhetsyan, N. A.; Panova, V. A.

Title : An experiment on treating patients at a resort for chronic cholecystitis
with a diet rich in magnesium salts, vitamins, and plant matter.

Periodical : Vop. pit. 17-23, Jan/Feb 1955

Abstract : Compared the effect of the above diet on patients having chronic cholecys-
titis with a conventional diet. Improvements were noted in almost all
symptoms for patients receiving this diet. The diet had little effect on
chronic infected cholecystitis and on parasitic cholecystitis. Six tables.
Fourteen references (eleven USSR).

Institution: Clinical Department (scientific director - Professor A. S. Vishnevskiy)
Institute of Balneology on Caucasian mineral waters, and sanitariums
Nos 1, 5, and 7 of the Yessentukskiy Resort.

FD-3297

USSR/Medicine - Nutrition *Nogaller, D M*

Card 1/1 Pub. 141 - 12/19

Author : Nogaller, A. M.; Lugovoy, G. V., Petrova, Z. A.

Title : Application of bran meals in therapeutic nutrition

Periodical : Vop. pit., 39-41, Jul/Aug 1955

Abstract : Suggests use of bran for therapeutic nutrition since it has more protein and less carbohydrate in comparison to flour. Lists 15 recipes for preparation of dishes using bran. No references.

Institution : Sanitoria No 1 and No 2, Yessentuksk Resort

Submitted :

NOGALLER, A.M.

USSR/Medicine - nutrition

FD-3076

Card 1/1 Pub. 141 - 22/23

Author : Nogaller, A. M. (Reviewed by Paramonova, E. G.)

Title : Proper nutrition during hypertension

Periodical : Vop. pit., 59-60, May/Jun 1955

Abstract : Gives a favorable review of the above book which was written for the lay public. Lists a few shortcomings of the book, but recommends it for its prophylactic significance.

Institution :

Submitted :

NOGALLER, A.M.

V The physicochemical bile characteristics of sufferers from cholecystitis and their improvement following treatment at Essentuki mineral spa health resort. A. M. Nogaller and L. A. Makarova (Balneol. Inst., Essentuki, Caucasus). *Terap. Arkh.* 27, No. 3, 68-74 (1955).--The physicochem. characteristics of the bile of cholecystitis patients were: low bilirubin and bile acids, low cholate/cholesterol ratio, decreased sp. gr., high viscosity, and gradual return to normal following treatment at Essentuki mineral baths. A clinical improvement is noted at the same time. A. S. Mirkin

MD
①

NOGALLER, A.M.

Scientific conference of health resorts on therapeutic diet. Top.
pit. 15 no.5:62-63 8-0 '56. (MIRA 9:11)
(DIET IN DISEASE)

NOGALNER, A.M., kandidat meditsinskikh nauk; **KRASHNITSYA, G.M.**

Gastric secretion in patients with chronic cholecystitis and its modification during treatment at Essentuki. Terap.arkh. 25 no.3): 24-32 '56. (MLRA 9:8)

1. Iz Yessentukskogo klinicheskogo otdeleniya (zav. kandidat meditsinskikh nauk M.V.Churakova, nauchnyy rukovoditel' professor A.S.Vishnevskiy) Bal'neologicheskogo instituta na Kavkazskikh mineral'nykh vodakh

(CHOLECYSTITIS

chronic, causing gastric secretion insuff., ther., mineral water of Essentuki)

(GASTRIC JUICE

secretion insuff. caused by chronic cholecystitis, ther., mineral water of Essentuki)

(MINERAL WATER, ther. use

Essentuki mineral water in gastric secretion insuff. caused by chronic cholecystitis)

~~HOCALEER, A.M.~~; PLAKSIN, V.A.; TSESEL'SKIY, D.S.; LIBIN, A.L.; MEZENIN, N.N.;
CHIRKINTSEVA, M.F.; DEM'YANOVSKAYA, Z.F.

Using low-calory diets in the compound treatment of hypertension at
the Kislovodsk health resort. Vop.pit. 16 no.1:76-78 Ja-F '57.

(MIRA 10:3)

1. Iz Bal'neologicheskogo instituta na Kavkazskikh mineral'nykh
vodakh i sanatoriyev imeni Lenina, imeni X let Okt'yabrya, "Skala",
"Gornyak" No.3 i No.19 Kislovodskogo kurorta.

(HYPERTENSION) (KISLOVODSK--DIET IN DISEASE)

(DIET IN DISEASE)

NOGALIEB, A.M., kandidat meditsinskikh nauk

A rare case of gastrocolic fistula formed after repeated gastric resection for peptic ulcer. Sov.med. 21 no.1:115-116 Ja '57.

(MLRA 10:6)

1. Iz Yessentukskogo klinicheskogo otdeleniya. Bal'neologicheskogo instituta na Kavkazskikh Mineral'nykh Vodakh (dir. - dotsent I.S. Savoshchenko)

(GASTRECTOMY, compl.

gastrocolic fistula after repeated gastrectomy for peptic ulcer)

(STOMACH, fistula

gastrocolic, form. after repeated gastrectomy for peptic ulcer)

(COLON, fistula

same)

NOGALLER, H.V.

MAKAROVA, L.A.; NOGALLER, A.M.; CHURAKOVA, M.V. (Yessentuki)

Effect of Nagutskoye mineral water on some functions of the digestive apparatus. Klin.med. 35[1.e.34] no.1 Supplement:19 Ja '57.

(MIRA 11:2)

1. Iz Essentukskogo klinicheskogo otdeleniya (nauchnyy rukovoditel' - prof. A.S.Vishnevskiy) Bal'neologicheskogo instituta na Kavkazskikh Mineral'nykh Vodakh (dir. - dotsent I.S.Savoshchenko.

(DIGESTION)

(STAVROPOL TERRITORY--MINERAL WATERS)

NOGALLER, A.M. kand.med.nauk

Effectiveness of health resort treatment of chronic hepatitis and liver cirrhosis with lipotropic factors as a diet supplement.

Sov.med. 22 no.10:65-74 0 '58

(MIRA 11:11)

1. Iz Nesenetskogo klinicheskogo otdeleniya Bal'neologicheskogo instituta na Kavkazskikh Mineral'nykh Vodakh (dir. - dotsent I.S. Savoshchenko).

(HEPATITIS, ther.

chronic, lipotropic factors as diet supplement (Rus))

(LIVER CIRRHOSIS, ther.

lipotropic factors as diet supplement (Rus))

(LIPOTROPIC FACTORS, ther. use

chronic hepatitis & liver cirrhosis as diet supplement (Rus))

(HEALTH RESORTS,

ther. of chronic hepatitis & liver cirrhosis, with lipotropic factors as diet supplement (Rus))

NOGALLER, A.M., kand.med.nauk

Late results of treating chronic cholecystitis at Yessentuki. Vop.
kur. fizioter. i lech.fiz.kul't. 23 no.2:97-103 Kr-Ap '58.
(MIRA 11:6)

1. Iz Yessentukskogo klinicheskogo otdeleniya Bal'neologicheskogo
instituta na Kavkazskikh Mineral'nykh Vodakh (dir. - dotsent I.S.
Savoichenko)

(GALL-BLADDER--DISEASES) (YESSENTUKI--HYDROTHERAPY)

NOGALLER, A.M.

First All-Urussian Conference on Nutrition Problems at Resorts,
Sanatoria, and Rest Homes. Vop. pit. 18 no. 6:81-83 N-D '59.
(MIRA 14:2)

(DIET IN DISEASE)

NGGALLER, A.M.

Conference on the one hundred-fiftieth anniversary of the
Essentuki Health Resort. Vop. kur., fizioter. i lach. fiz.
kul't. 24 no. 4:381-382 J1-Ag '59. (MIRA 13:8)
(ESSENTUKI—HEALTH RESORTS, WATERING PLACES, ETC.)

NOGALLER, A.M., kand.med.nauk

Blood protein fractions in chronic diseases of the liver and of the biliary tract and their changes following resort therapy at Essentuki [with summary in English]. Terap.arh. 31 no.3:53-61
Mr '59. (MIRA 12:4)

1. Iz Yessentukskoy kliniki Bal'neologicheskogo instituta na Kavkazskikh mineral'nykh vodakh.
(LIVER DISEASE, therapy.
complex resort ther., eff. on blood proteins (Rus))
(CHOLECYSTITIS, ther.
same)
(BLOOD PROTEINS, in var. dis.
cholecystitis & liver dis., eff. of complex spa ther.
(Rus))

NOGALLER, A. M., Doc Med Sci -- (diss) "Chronic cholecystitis and its health-resort treatment (from the experience of the work in the Yessentukiye)." Moscow, 1960. 23 pp; (First Moscow Order of Lenin Medical Inst im I. M. Sechenov); 250 copies; price not given; list of authors' work at end of text (15 entries); (KL, 19-60, 137)

NOGALLER, A.M., kand.med.nauk

Study of the cutaneogalvanic reflex as an index of the reactivity
of the nervous system in chronic cholecystitis. Uch.zap.Pyat.gos.
nauk.-issl.bal'n.inst. 3:139-158 '60. (MIRA 15:10)
(GALL BLADDER--DISEASES) (NERVOUS SYSTEM) (ELECTROPHYSIOLOGY)

NOGALLER, A.M., kand.med.nauk

Cutaneous neuroreflex vascular reactions in chronic cholecystitis
and their changes under the influence of health resort treatment at
Yessentuki. Uch.zap.Pyat.gos.nauch.-issl.bel'n.inst. 3:159-176 '60.
(GALL BLADDER—DISEASES)
(YESSENTUKI—HEALTH RESORTS, WATERING-PLACES, ETC.)
(REFLEXES)

NOGALLER, A.M.; DUBINSKIY, R.A.

Milk protein-enriched therapeutic diets in chronic diseases of
the liver, biliary tract, and intestines. Vop. pit. 19 no. 6:76-79
N-D '60. (MIRA 13:12)

1. Iz Gosudarstvennogo nauchno-issledovatel'skogo bal'neologicheskogo
instituta na Kavkazskikh Mineral'nykh Vodakh, Pyatigorsk.
(MILK—THERAPEUTIC USE) (DIGESTIVE ORGANS—DISEASES)

NOGALLER, A. M. (USSR)

"Differentiated dietetic therapy for chronic diseases of liver and biliary tracts"

Paper presented at the Third International Congress of Dietetics, London, 10-14 July 1961.

BLOKH, R.L.; NOGALLEN, A.M.

General principles for the differentiated use of a therapeutic diet at a health resort in diseases of the digestive organs. Vop. pit. 21 no.1:9-13 Ja-F '62. (MIRA 15:2)

1. Iz Gosudarstvennogo nauchno-issledovatel'skogo bal'neologicheskogo instituta na Kavkazskikh Mineral'nykh Vodakh, Pyatigorsk.
(DIET IN DISEASE) (DIGESTIVE ORGANS...DISEASES)

NOGALLER, A.M., prof.

Some frequent mistakes in the diagnosis and treatment of chronic
cholecystitis. Sov.med. 25 no.5:35-41 My '62. (MIRA 15:8)

1. Iz kafedry propedevtiki vnutrennikh bolezney (zav. - prof.
A.M. Nogaller Astrakhanskogo meditsinskogo instituta imeni A.V.
Lunacharskogo.

(GALL BLADDER--DISEASES)

NOGALLER, A.M., prof. (Astrakhan')

Results of the third International Dietology Congress. Sov.med.
26 no.12:121-123 D '62. (MIRA 16:2)
(DIET--CONGRESSES)

NOGALLER, A.M.

Effect of health resort treatment in Yessentuki on disorders of lipoid and protein metabolism in chronic cholecystitis and hepatitis. Vopkur., fizioter.i lech.fiz.kul't. 27 no.3:197-205 My-Je '62. (MIRA 15:9)

1. Iz Yessentuiskoy kliniki (zav. - kand.med.nauk A.M.Nogaller) Bal'neologicheskogo instituta na Kavkazskikh Mineral'nykh Vodakh (dir. - dotsent I.S.Savoghenko).

(YESSENTUKI--HEALTH RESORTS, WATERING-PLACES, ETC.)

(METABOLISM, DISORDERS OF) (GALL BLADDER--DISEASES)

(LIVER--DISEASES)

NOGALLER, A.M., kand.med. nauk

Cutaneous galvanic reflex and its use in clinical practice.

Vop.kur., fizioter. i lech. fiz. kul't. 27 no.4:333-339

Jl-Ag'62

(MIRA 16:11)

1. Iz Yessentukskoy kliniki (zav. - kand.med.nauk A.M.Nogaller)
Bal'neologicheskogo instituta na Kavkasskikh Mineral'nykh Vodakh
(direktor - dotsent I.S. Savoshchenko).

*

NOGALLER, A. M., prof.

Classification of chronic gastritis. Terap. arkh. 34 no.4:
108-110 '62. (MIRA 15:6)


1. Iz kafedry propedavicheskoy terapii Astrakhanskogo meditsinskogo
instituta.

(STOMACH--INFLAMMATION) (NOSOLOGY)

NOGALLER, A.M.

4 P.M.

The effect of high-protein diet on chronic diseases of liver and intestine.
A. M. NOGALLER. *Astrakhan Medical Institute, U.S.S.R.*

 We examined patients with chronic enteritis and colitis, hepatitis and liver cirrhosis who had received approximately 150 g. protein a day. The enrichment of the diet with protein was carried out by increasing the quantity of meat, fish and curd, or by special protein food (hydrolyzed blood, milk or fish products).

The high protein diet improved the state of patients as shown by clinical and laboratory data.

There was improvement of absorption and digestive function of intestine, vitamin balance (Röntgen and rectoscopy data).

We observed also the improvement of lipoid balance (the increase of lecithin and lecithin-cholesterol coefficient, the normalization of ketone bodies in blood), of antitoxic, prothrombin and fermentative functions of liver.

The enrichment of food ration with protein is recommended during the chronic phase of the disease, not in the acute period.

6th International Congress on Nutrition, Edinburg
9-15 August 1963

NOGALLER, A.M.

Differentiated diet therapy in chronic diseases of the liver
and bile ducts. Vop. pit. 22 no.2:3-10 Mr-Apr '63.
(MIRA 17:2)

1. Iz kafedry propedevticheskoy terapii (zav. - prof.
A.M. Nogaller) Astrakhanskogo meditsinskogo instituta imeni
A.V. Lunacharskogo.

APROSINA, Z.G., kand. med. nauk; AFANAS'YEVA, K.A., kand. med. nauk;
AKHREM-AKHREMOVICH, R.M., prof.; BLYUGER, A.F., doktor med.
nauk; BONDAR', Z.A., prof.; VASILENKO, V.Kh., prof.; KIKODZE,
I.A., kand. med. nauk; LINDENBRATEN, L.D., prof.; LOGINOV,
A.S., kand. med. nauk; MANSUROV, Kh.Kh., prof.; NAZARETYAN,
Ye.L., kand. med. nauk; NOGALLER, A.M., prof.; PLOTNIKOV,
N.N., prof.; SEMENDYAYEVA, M.Ye., kand. med. nauk; TAREYEV,
Ye.M., prof.; TAREYEV, I.Ye., kand. med. nauk;
TER-GRIGOROVA, Ye.N., prof.; CHERNYSHEVA, Ye.V., kand. med.
nauk; SHVARTS, L.S., prof.; MYASNIKOV, A.L., prof., zam. otv.
red.; BOGOSLAVSKIY, V.A., red.; SEMENDYAYEVA, M.Ye., red.

[Multivolume manual on internal diseases] Mnogotomnoe rukc-
vodstvo po vnutrennim bolezniam. Moskva, Meditsina. Vol.5.
1965. 724 p. (MIRA 18:9)

1. Deystvitel'nyy chlen AMN SSSR (for Tareyev, Ye.M.,
Vasilenko, Myasnikov).

NOGALLER, A.M., prof.

Reviews and bibliography. Sov.med. 28 no.7:155-156 JI '65.
(MIRA 18:8)

NOGALLER, A.M., prof. (Astrakhan'); VARIN, I.Ye. [deceased]; GOLOVINA, V.T.

Reviews and bibliography. Vop. kur., fizioter. i lech. fiz.
kul't. 30 no.1:87-89 Ja-F '65 (MIRA 18:8)

NOGALLER, M. L.

NOGALLER, M. L. -- "Innervation of the Arteries of the Large Intestine."
Sub 16 Jun 52, First Moscow Order of Lenin Medical Inst. (Dissertation
for the Degree of Candidate in Medical Sciences).

SO: Vechernaya Moskva January-December 1952

NOGALLER, M.L.

Effect of *Fraxinus caucasicus* on morphological changes in the skin
and its nerve elements. Farm. i toks. 21 no.4:80-83 J1-Ag '58
(MIRA 11:11)

1. Kafedra farmakologii (zav. - prof. S.D. Sokolov) Fyatigorskogo
farmatsevticheskogo instituta.

(PLANTS,

Fraxinus caucasicus, eff. on skin & skin nerve
supply (Rus))

(SKIN, effect of drugs on

Fraxinus caucasicus, on skin & skin nerve supply
(Rus))

MOGALSKI, K.

How it is possible to shorten the time of repairing machine tools. p. 237.
(PRZEMYSŁ DRZEWNY. Vol. 7, No. 8, Aug. 1956, Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 12, Dec. 1957.
Uncl.

NOGANDZHI, A. I.

Nogandeli, A. I. "5.7 demethyloctene, 1 in 3 diol 5.7" Trudy Tbilis. gos.
un-ta im. Stalina, Vol. XXXIa, 1948, (in Georgian, resume in Russian),
- Biblio; 7 items

SO: U-4934, 29 Oct 53 (Ietopis 'Zhurnal 'nykh Statey, №. 16, 1949)

NOGATYREV, O.M.

Unsolved problems. Apt. delo 10 no.4:54-57 JI-Ag '61. (MIRA 14:12)

1. Apteka No.74, Novoshakhtinsk.
(DRUGSTORES)

1. NOGAY, A.
2. USSR (600)
4. Cotton Growing
7. Efficient labor organization on the collective farm, Khlopkovodstvo 3 no. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

NOGAY, V.A., SHRAYBER, S.B.

Wet enriching of rock products. Stroi. Mat. 10 no.6:
12-14 Jo '64. (MIRA 17:10)

NOGAY, Yu. F.

SHKUTA, A.A., gornyy inzhener.; NOGAY, Yu. F., gornyy inzhener.

Mining inclined and flat veins by the longwall advanced method with roof caving. Gor. zhur. no.2:18-21 F '57. (MLRA 10:4)

1. Treat Altayzologo (for Shkuta).
2. Rudnik Oktyabr'skiy (for Nogay)
(Mining engineering) (Shale)

AYTASHEV, G.A.; ISAKOV, V.A.; NOGAY, Yu.T.; KHARTOVICH, Yu.I.

Ways of improving the mining of valuable ore deposits with unstable
enclosing rock. Trudy Inst.gor.dela AN Kazakh.SSR 14:18-27 '64.
(MIRA 18:1)

7-3

The addition of hydrogen to acetylene derivatives.

XXX. Catalytic hydrogenation of symmetrical dimethyl-
 diisopropylbutynediol. Yu. S. Zalkind and A. I.
 Novitski. *J. Gen. Chem. (U. S. S. R.)*, 1962, 4(1939);
 cf. *C. A.* 56, 2880. -- To (100 ml), prepd. from 137 g
 (1.16 mole) and 32 g. Mg in 200 ml. Et₂O, the reaction mixt.
 (21 g. $\text{Mg}(\text{C}_2\text{H}_5)_2$) at 0° in 3 hrs., the reaction mixt.
 allowed to stand 12 hrs., decanted, with dil. AcOH,
 extd. with Et₂O and the residue from Et₂O is fractionated
 to give (1) $\text{C}_2(\text{OH})(\text{C}_2\text{H}_5)_2$ (B), b.p. 120-2°, m. 78-80°
 (ligroin). 1 in alc. contg. cobalt Pd is hydrogenated
 to 1 dimethyl-diisopropylbutanediol, b.p. 119-21°, d₄²⁰
 0.8344, n_D²⁰ 1.4615. 1 is hydrogenated 3 times faster
 than dimethyl-diethylbutynediol but considerably faster
 than tetraethylbutynediol. Chas. Blanc

AD-55A METALLOGICAL LITERATURE CLASSIFICATION

PRECEDENCE AND PRIORITY INDEX

BC
A-3

Action of bromine on ethylenic groups. J. E. McMurry and A. J. Koenigs, J. Gen. Chem. Res., 1933, 4, 100-102. (13-0113), and Br in CCl₄ as a solvent suitable for bromination. J. E. McMurry, J. Gen. Chem. Res., 1933, 4, 103-104. (13-0114).

2,3-Dibromo-1,4-dioxane, m.p. 52-53° with 20% benzene in CH₂Cl₂ in AcOH (13-0115).

1,4-Dioxane, m.p. 52-53° with 20% benzene in CH₂Cl₂ in AcOH (13-0116).

1,4-Dioxane, m.p. 52-53° with 20% benzene in CH₂Cl₂ in AcOH (13-0117).

1,4-Dioxane, m.p. 52-53° with 20% benzene in CH₂Cl₂ in AcOH (13-0118).

1,4-Dioxane, m.p. 52-53° with 20% benzene in CH₂Cl₂ in AcOH (13-0119).

1,4-Dioxane, m.p. 52-53° with 20% benzene in CH₂Cl₂ in AcOH (13-0120).

1,4-Dioxane, m.p. 52-53° with 20% benzene in CH₂Cl₂ in AcOH (13-0121).

1,4-Dioxane, m.p. 52-53° with 20% benzene in CH₂Cl₂ in AcOH (13-0122).

1,4-Dioxane, m.p. 52-53° with 20% benzene in CH₂Cl₂ in AcOH (13-0123).

1,4-Dioxane, m.p. 52-53° with 20% benzene in CH₂Cl₂ in AcOH (13-0124).

1,4-Dioxane, m.p. 52-53° with 20% benzene in CH₂Cl₂ in AcOH (13-0125).

1,4-Dioxane, m.p. 52-53° with 20% benzene in CH₂Cl₂ in AcOH (13-0126).

1,4-Dioxane, m.p. 52-53° with 20% benzene in CH₂Cl₂ in AcOH (13-0127).

1,4-Dioxane, m.p. 52-53° with 20% benzene in CH₂Cl₂ in AcOH (13-0128).

1,4-Dioxane, m.p. 52-53° with 20% benzene in CH₂Cl₂ in AcOH (13-0129).

1,4-Dioxane, m.p. 52-53° with 20% benzene in CH₂Cl₂ in AcOH (13-0130).

1,4-Dioxane, m.p. 52-53° with 20% benzene in CH₂Cl₂ in AcOH (13-0131).

1,4-Dioxane, m.p. 52-53° with 20% benzene in CH₂Cl₂ in AcOH (13-0132).

1,4-Dioxane, m.p. 52-53° with 20% benzene in CH₂Cl₂ in AcOH (13-0133).

1,4-Dioxane, m.p. 52-53° with 20% benzene in CH₂Cl₂ in AcOH (13-0134).

1,4-Dioxane, m.p. 52-53° with 20% benzene in CH₂Cl₂ in AcOH (13-0135).

1,4-Dioxane, m.p. 52-53° with 20% benzene in CH₂Cl₂ in AcOH (13-0136).

1,4-Dioxane, m.p. 52-53° with 20% benzene in CH₂Cl₂ in AcOH (13-0137).

1,4-Dioxane, m.p. 52-53° with 20% benzene in CH₂Cl₂ in AcOH (13-0138).

1,4-Dioxane, m.p. 52-53° with 20% benzene in CH₂Cl₂ in AcOH (13-0139).

1,4-Dioxane, m.p. 52-53° with 20% benzene in CH₂Cl₂ in AcOH (13-0140).

1,4-Dioxane, m.p. 52-53° with 20% benzene in CH₂Cl₂ in AcOH (13-0141).

1,4-Dioxane, m.p. 52-53° with 20% benzene in CH₂Cl₂ in AcOH (13-0142).

1,4-Dioxane, m.p. 52-53° with 20% benzene in CH₂Cl₂ in AcOH (13-0143).

1,4-Dioxane, m.p. 52-53° with 20% benzene in CH₂Cl₂ in AcOH (13-0144).

1,4-Dioxane, m.p. 52-53° with 20% benzene in CH₂Cl₂ in AcOH (13-0145).

1,4-Dioxane, m.p. 52-53° with 20% benzene in CH₂Cl₂ in AcOH (13-0146).

1,4-Dioxane, m.p. 52-53° with 20% benzene in CH₂Cl₂ in AcOH (13-0147).

1,4-Dioxane, m.p. 52-53° with 20% benzene in CH₂Cl₂ in AcOH (13-0148).

1,4-Dioxane, m.p. 52-53° with 20% benzene in CH₂Cl₂ in AcOH (13-0149).

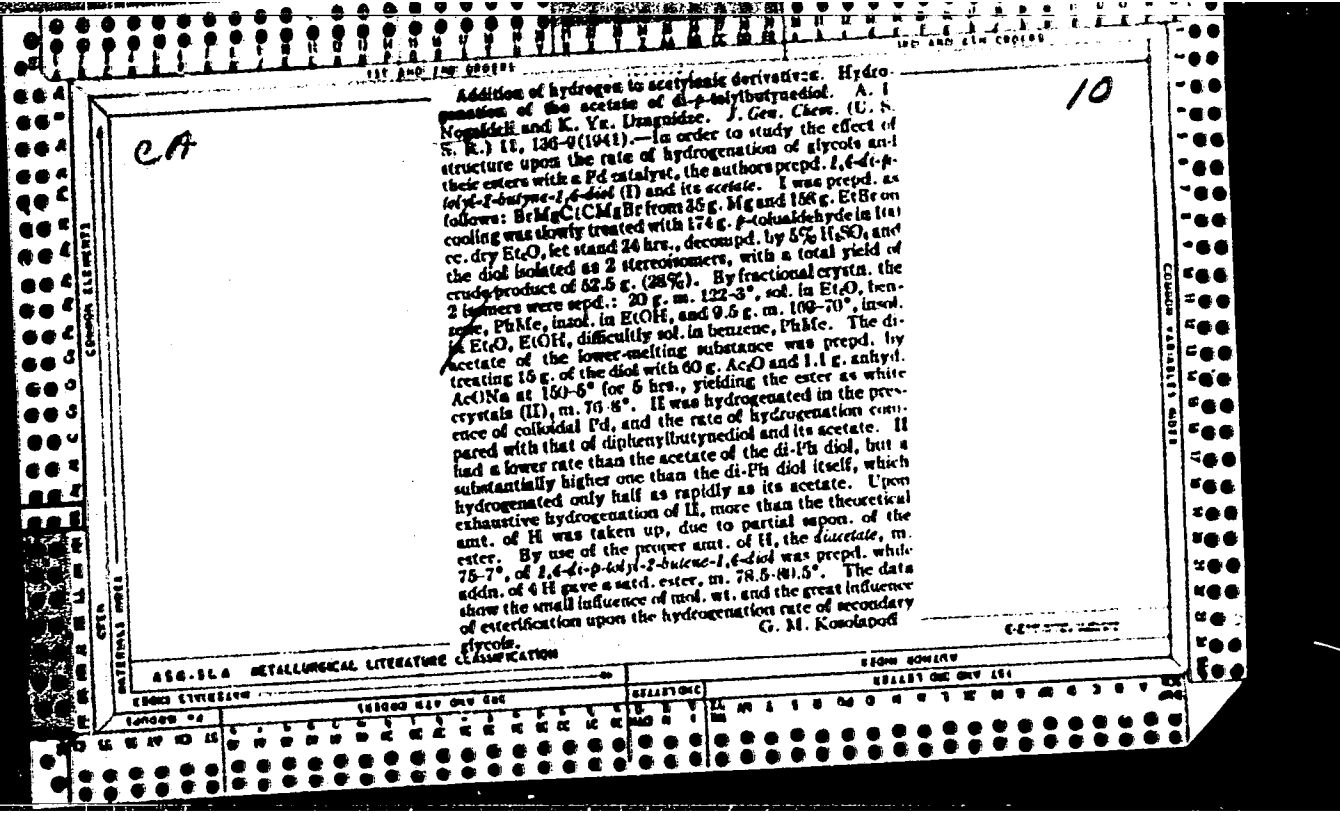
1,4-Dioxane, m.p. 52-53° with 20% benzene in CH₂Cl₂ in AcOH (13-0150).

R. T.

654-554 METALLURGICAL LITERATURE CLASSIFICATION
13-0113

EDOM SYNDICATE
EDOM BOWLER

EDOM 56
EDOM 57
EDOM 58
EDOM 59
EDOM 60
EDOM 61
EDOM 62
EDOM 63
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EDOM 99
EDOM 100



Nogaideli, A. I.

Nogaideli, A. I. "The sythesis of p-tolyl acetylanyl and its compression with the use of cuprous chloride," Trudy Tbilis, gos. un-ta im. Stalina, Vol. XXXIz, 1948, p. 7-11 (In Georgian, resume in Russian)

SO: U-4934, 29 October 1953, (Letopis 'Zhurnal 'nykh Statey, No. 16, 1949)

NOGATYREV, O.M.

What we saw at the Stavropol Territory Branch of the Main
Administration of Pharmacies. Apt.delo 8 no.3:42-45 Ky-Je
'59. (MIRA 12:8)

1. Upravlyayushchiy aptekoy No.74 (g.Novoshakhtinsk Rostovskoy
oblasti).

(STAVROPOL TERRITORY--PHARMACY)

AYTASHEV, G.A.; SHKUTA, L.A.; NOGAY, Yu.T.

Working of an inclined Espe lede. Izv. AN Kazakh. SSR. Ser.
gor. dela no.1:3-9 '59. (MIRA 12:9)
(Kazakhstan--Mining engineering)

USSR:

✓ Action of unsaturated organomagnesium compounds on α,β -unsaturated ketones. A. I. Nogaldei and G. Ya. Dvinskii (I. V. Stalin State Univ., Tiflis). *Sbornik Statei Otschei Khim.* 2, 1832-8 (1953). — To EtMgBr with 27 g. EtBr in 54 ml. Et₂O was added 26 g. PhC₆H₅ with ice cooling, followed by addn. of 33 g. benzalacetone in 100 ml. Et₂O; the mixt. was stirred 6 hrs., allowed to stand 2 days at room temp., refluxed 1 hr., treated with 5% H₂SO₄ with ice cooling, and the combined Et₂O exts., in presence of pyrogallol, were evapd., yielding 33 g. 1,5-diphenyl-3-methyl-1-penten-4-yn-3-ol, m. 60-8° (from ligroin). EtMgBr was treated with 66.2 g. CH₂:CHC:CH (2.5 times theoretical) in 100 ml. Et₂O and after 3 days standing, the mixt. was treated with 58 g. benzalacetone in Et₂O with cooling; after 3 days the mixt. was refluxed 1 hr. and hydrolyzed by 15% aq. (NH₄)₂SO₄ with ice cooling, followed by treatment of the residue with 1-2% H₂SO₄. The combined Et₂O exts. gave 62 g. oily product which on distn. gave 38 g. 1-phenyl-3-methyl-1,6-heptadien-4-yn-3-ol, b. 145-6°, d₄²⁰ 1.07201, n_D²⁰ 1.58134. If in the above reaction mesityl oxide (30 g.) is used, there is obtained 51% 5,7-dimethyl-1,6-octadien-3-yn-3-ol, b. 74-6°, d₄²⁰ 0.9081, n_D²⁰ 1.4660.
G. M. Kosolapov

RH

NOGAYDELI, A.]

3

USSR :

✓ Rate of hydrogenation of 2,5-dimethyl-3-heptyn-2,5-diol and 3,6-dimethyl-4-nonyn-3,6-diol. A. L. Novakov (I. V. Stalin State Univ., Tiflis). *Sovetskii Khimicheskiy Zhurnal*, 2, 1630-6 (1953).—To EtMgBr from 110 g. EtBr was added in 2 hrs. 42 g. $\text{Me}_2\text{C}(\text{OH})\text{C}(\text{CH}_3)_2$ in Et_2O and the mixt. was stirred 4 hrs. at room temp., then with cooling it was treated with 42 g. MeEtCO in Et_2O , allowed to stand 24 hrs. and was hydrolyzed with moist Et_2O and 5% $(\text{NH}_4)_2\text{SO}_4$. The Et_2O exts. yielded a viscous liquid, which was treated with steam to remove the unreacted carbinol, and the residue was taken up in Et_2O and distd. yielding 18.5 g. 2,5-dimethyl-3-heptyne-2,5-diol, b_p 110-11°, d_4^{20} 0.8577, n_D^{20} 1.45993. This was hydrogenated over Pd in EtOH at room temp. and pressure; the rate of reaction is less than that of tetramethylbutynediol by some 50%; the heptyne analog, thus obtained, b_p 118°. Similar reaction with $\text{EtMeC}(\text{OH})\text{C}(\text{CH}_3)_2$ gave 3,6-dimethyl-4-nonyn-3,6-diol, b_p 109-10°, m 35-4°. Hydrogenation of this over Pd in EtOH gave the nonene analog, b_p 106-7°, d_4^{20} 0.92901, n_D^{20} 1.4601. The rate of hydrogenation was considerably less than that of the above diol (30%). In both cases increase of the amount of catalyst used increased the hydrogenation rate.

G. M. Kosolapoff

NOGAYBEEI, A I

USSR.

✓ Synthesis of acetylenic diketones. A. I. Nogaybii, K. Tashkurbayev, and A. B. Zhurav (Leningrad State Univ., Leningrad). *Sbornik Nauch. Obzrachet. Khim.* 2, 1639-41 (1953). To 4 g. (PhCHOHC₂)₂ in 60 ml. Pt₂O was added in 10 min. 30 g. K₂Cr₂O₇, 28 g. concd. H₂SO₄ and 99 ml. H₂O, below

27°. After stirring 5 hrs. there was obtained 60% (D₂C₂), m. 111-12° (from EtOH); the same product forms even without the solvent. Similarly (p-MeC₆H₄CHOHC₂)₂ gave after 10 hrs. 38.4% (p-MeC₆H₄CO₂C₂), m. 98-100° (if the original diol m. 122-3°). A 80% yield is attained by keeping the mixt. at 50°. If the diol used is the isomer, m. 108-70°, the reaction is very slow and after 22 hrs. yields 48% of the same product; remizabovane, m. 162-4°. G. M. Kosolapov

2

Handwritten initials or mark.

NO GAYDECI, A. I.

②

Hydrogenation of acetylenic γ -diketones. A. I. Nogaidell
Dokl. Akad. Nauk SSSR, 1950, 300116. *Sovetsk. Khim. Obshchestvo*
Khim. 2, 1642-3 (1953).—Hydrogenation of diacetylacetone
over Pd in KOH at room temp. gave $H_2C=CH-C(=O)CH_3$,
m. 144.5°. Similar hydrogenation of 1,4-di-*p*-tolyl butyne-
1,4-dione gave (*p*-MeC₆H₄COCH₂)₂, m. 158-60°; semi-
carbazone, m. 204-5°. Both ketones hydrogenated more
rapidly than did the analogous acetylenic diols; there was
no change of the rate of reaction after addn. of 1 mole H.
The tolyl deriv. reacted more rapidly than the Ph analog.
G. M. Kosolapoff

NOGAYDELI, A. I.

USSR/Chemistry

Card : 1/1

Authors : Nogaydeli, A. I., and Shvaniradze, R.

Title : Synthesis of diacetylene glycols in the presence of Cu_2Br_2

Periodical : Zhur. Ob. Khim., 24, Ed. 6, 1025 - 1026, June 1954

Abstract : It was established, experimentally, that Cu_2Br_2 as well as Cu_2Cl_2 are excellent condensing media, during the derivation of diacetylene glycols from mono-substituted acetylene carbinols. The reaction of an equimolecular mixture of dimethylacetylenil and cyclopentylacetylenil carbinols, in the presence of Cu_2Br_2 , yielded a nonsymmetrical glycol - 2-methyl-6-(1'-oxycyclopentyl)-hexadiene-2, 5-ol-2. Two references.

Institution : The I. V. Stalin State University, Tbilissi

Submitted : November 22, 1953

NOGAYDELI, A. I.

USSR/Chemistry

Card : 1/1

Authors : Nogaydeli, A. I., and Gogiberidze, E. P.

Title : Reaction of magnesiumbromodimethylacetylenilcarbinol with o-salicylaldehyde

Periodical : Zhur. Ob. Khim., 24, Ed. 6, 1044 - 1045, June 1954

Abstract : The reaction of magnesiumbromodimethylacetylenilcarbinol with o-salicylaldehyde, resulted in the synthesis of a new phenol alcohol: 1-o-hydroxyphenyl-4-methylpentyne-2-diol-1, 4. This compound, when heated to a temperature of 100 , acquires a rose-color and during further temperature increases, it changes into violet and finally brown color. The very same change in color is observed during the storage of the crystal for a period of 3-4 months. Three references.

Institution : The I. V. Stalin State University, Tbilisi

Submitted : November 26, 1953

NOGAYDELI, A. I.

✓ Synthesis of the acetic ester of 2,7-dimethyl-3,5-octadiyne-2,7-diol and its catalytic hydrogenation. A. I. Nogaideli and G. M. Kosolapoff (State Univ., Tiflis). *Zhur. Obshch. Khim.* 25, 114-17; *J. Gen. Chem. (U.S.S.R.)* 25, 97-9 (1955) (Engl. translation).—Heating 10 g. 2,7-dimethyl-3,5-octadiyne-2,7-diol with 60 g. Ac_2O and 1.3 g. $NaOAc$ 5 hrs. at 165-65° gave 60% of the corresponding diacetate, b_p 148-51°, m. 31-2° (from EtOH), d₄²⁰ 1.0380, n_D²⁰ 1.4908. This hydrogenated over Pt black in EtOH (978 ml. H utilized in 1 hr. by 2.5 g. ester) yielded 22.5% *iso-Pr* $CH_3CH_2CH_2CH_2CMe_2OAc$, b_p 72-4°, d₄²⁰ 0.8658, n_D²⁰ 1.4260, and mainly (the actual yield unstated) $(CH_3CH_2CMe_2OAc)_2$, b_p 105-8°, d₄²⁰ 0.9736, n_D²⁰ 1.4430. When 6 moles H were added to the unsatd. ester, only the former ester was obtained. Hydrogenation over Pt-starch gave 20% of the above monoester and mainly the diester, whose const. were identical with the above. G. M. Kosolapoff

NOG

(1)

NOGAYDILI, A.I.; DZAGNIDZE, K.Ya.

Synthesis and hydrogenation of 2,4,7,9-tetramethyl-decyne-5-tetraol-2,4,7,9. Zhur.ob.khim. 25 no.2:304-306 F '55. (MLRA 8:6)

1. Tbilisskiy Gosudarstvennyy universitet.
(Decynetetraol)

NOGMYDELI, A. I.

~~Synthesis and hydration of α -methyl-1-hepten-4-yne-3,6-diol. A. I. Nogmydeli, K. Ya. Dragolize, and N. Gridya. J. Gen. Chem. U.S.S.R. 25, 2189-91 (1955) (Engl. translation).--See C.A. 50, 02651.~~

DM ³

4

NOGAYDELI, A. I.

✓ Synthesis and hydration of 6-methyl-1-hepten-4-yne-3,6-diol. A. I. Nogaydeli, K. Ya. Dzaukidze, and N. Uridiya (State Univ., Tiflis). *Zhur. Obshch. Khim.* 25, 2225-6 (1953). — EtMgBr from 93 g. EtBr treated with 33 g. Me₂C(OH)C:CH, followed by 49 g. CH₂:CICH₂O gave after hydrolysis 13 g. 6-methyl-1-hepten-4-yne-3,6-diol, b.p. 100-7°, n_D^{20} 0.9088, n_D^{25} 1.4772. Hydrogenation of this over Pt in EtOH gave 2-methyl-2,5-heptanedial, b.p. 63-7°, d_4^{20} 0.8395, n_D^{20} 1.4285, also formed from hydrogenation with Pd catalyst. The 1st 4 H atoms add more rapidly than the last 2 H atoms.
G. M. Kosolapoff

7

PM

NOGAYDELI, A. I.

79-1-24/63

AUTHORS: Nogaydeli, A. I. , Dzagnidze, K. Ya. , Papava, R.

TITLE: The Synthesis of 6-Methyloctene-1-in-4-Diole-3,6 and 7-Methyloctene-2-in-5-Diole-4,7, and Their Catalytic Hydrogenation (Sintez 6-metilokten-1-in-4-diola-3,6 i 7-metilokten-2-in-5-diola-4,7 i ikh kataliticheskoye gidrirovaniye)

PERIODICAL: Zhurnal Obshchey Khimii, 1958, Vol.28, Nr 1, pp.116-119(USSR)

ABSTRACT: In the preceding paper it was stated that the bromomagnesium derivative of dimethylacetylenylcarbinol at -7°C normally enters into reaction with acrolein and forms eninglycol-6-methylheptene-1-in-4-diole-3,6. In the presence of colloidal palladium this glycol energetically binds 4 hydrogen atoms, the binding of the last two hydrogen atoms taking place more slowly. It was of interest to synthesize other homologues of the given class as well and to examine their type of hydrogenation in the presence of catalysts. 6-methyl-1-in-4-diole-3,6 (formula I) was obtained according to Jotsich, Zh.I. from methyl-ethyl-acetylenylcarbinol and acrolein. A closer examination of the hydrogenation showed that in the presence of

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The Synthesis of 6-Methyloctene-1-in-4-Diole-3,6 and 7-Methyloctene-2-in-5-Diole-4,7, and Their Catalytic Hydrogenation

platinum black their reaction velocity decreases and that after the binding of the two or four hydrogen atoms no change manifests itself. In the presence of palladium, however, eninglycol reacts like the first homologues by more energetically binding the first four hydrogen atoms, whereupon the sudden change takes place, i.e. the last two hydrogen atoms are bound considerably more slowly. The final product represents a mobile fat. The analysis yielded a saturated glycol, 3-methyloctandiole-3,6. A second eninglycol, 7-methyloctene-2-in-5-diole-4,7 (II) was synthesized from the crotonic aldehyde and dimethylacetylenylcarbinol. On hydrogenation of this product with colloidal palladium an abrupt decrease in the reaction velocity after the binding of two hydrogen atoms manifests itself. After treatment of the hydrogenation product a thick oil was obtained whose analysis proved to be saturated glycol-2-methyloctandiole-2,5. There are 2 tables, and 1 reference, which is Slavic.

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The Synthesis of 6-Methyloctene-1-in-4-Diole-3,6 and 7-Methyloctene-2-in-5-Diole-4,7, and Their Catalytic Hydrogenation

ASSOCIATION: **Tbilisi State University**
(Tbilisskiy gosudarstvennyy universitet)

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1. Chemistry 2. Catalytic properties 3. Hydrogenation

AUTHORS: Nogaydeli, A. I., Gonadze, G. M. 79-28-4-16/60

TITLE: Synthesis of the Acetic Ester of Di-(Oxycyclohexyl)-
Butadiene-1,3 and Its Catalytic Hydration (Sintez uksusno-
kislogo efira di-(oksitsiklogeksil)-butadiina-1,3 i yego
kataliticheskoye gidrirovaniye)

PERIODICAL: Zhurnal Obshchey Khimii, 1958, Vol. 28, Nr 4,
pp. 921-922 (USSR)

ABSTRACT: In the previous paper (Reference 1) the synthesis of the
acetic ester 2,7 dimethyloctadiene-3,5 - diol -2,7 was
described. In the present paper the authors synthesized
the acetic ester of di-(oxycyclohexyl)-butadiene-1,3 in
the same way, however, at lower temperatures; they exa-
mined its catalytic properties and described them for the
first time. The investigations showed that in the presence
of colloidal palladium the hydrocarbon, the saturated al-
cohol acetate, and the diacetate of saturated glycol are
formed, when 8 hydrogen atoms are added. In the presence
of platinum black the ester is unable to bind more than 6

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