

RUTH B. Leebny Ústav Janske lazne, neurologické oddělení v arábic Karelově.  
Výsledky aplikace metody sestry Kenny v Janských Lázních The Results of Sister  
Kenny's treatment in Janske Lazne Casopis Lekarů Ceskych, Prague 1949, 88/46  
(1334-1341) Tables 3

Sister Kenny's method is the best form of treatment. The spasms, contractions and contractures which may occur during the pre-paralytic stage may thus be prevented and contractures which have already occurred may be cured. The muscular spasms are probably due to irritation of the anterior horn cells or to involvement of the lateral horns of the spinal cord. By the use of this treatment, instituted at the onset of the disease, 80% of cures of the spasms and contractures, though not of the paralysis, were obtained with one course as against 20% by other methods. The duration of a course is six weeks. Hot fomentations and baths are given so long as spasms or contractures persist. Fomentations should be as many as possible daily. One to two baths daily, with exercises, are indicated in the early stages, with active and passive movements later. The fomentations and baths are contra-indicated in cases of paralysis of the respiratory muscles, owing to exhaustion of the patient. Re-innervation is dangerous, the fixation of muscles prohibiting movements and increasing contractures. Prochazka-Prague (XX,8,7)

SO: Neurology & Psychiatry Section VIII Vol 3 No 7-12

ROTH, Bedrich, As. dr.

Some general characteristics of the vegetative regulation with special reference to sleep. Cas.lek.cesk. 91 no.19:569-574 9 May 52.

1. Neurologicka klinika Karlovy university v Praze. Prednosta: profesor dr. Kamil Henner.

(SLEEP, physiology,  
autonomic NS regulation)

(AUTONOMIC NERVOUS SYSTEM, physiology,  
regulation of sleep)

ROTH, Bedrich, Dr.; SIMON, Jiri, Dr.

Clinical aspects of narcolepsy; report of 42 cases. Cas.lek.cesk.  
91 no.47:1462-1468 5 Dec 52.

1. Neurologicka klinika K.U. Prednosta: prof. dr. K.Henner.  
(SLEEP DISORDERS,  
narcolepsy, clin. aspects)

RDPH, B.

The influence of cardiazol and psychoton on the EEG in narcolepsy.  
Chekh. fiziol. 3 no.4:420-423 1954.

1. Neurological Clinic, Charles University, Prague.

(SLEEP DISORDERS,

narcolepsy, eff. of amphetamine & pentylentetrazole on EEG)

(ELECTROENCEPHALOGRAPHY, in various diseases,

narcolepsy, eff. of amphetamine & pentylentetrazole)

(AMPHETAMINE, effects,

on EEG in narcolepsy)

(PENTYLENETETRAZOLE, effects,

on EEG in narcolepsy)

ROTH, Bedrich, Dr.; TUHACEK, Milad, Dr.

Electroencephalographic findings in organic and so called functional hypersomnias. Neur. psychiat. cesk. 17 no.4:235-244 Aug 54.

1. Neurologicka klinika KU v Praze, prednosta prof. Dr. K.Henner  
(SLEEP DISORDERS  
hypersomnia, organic & funct., ECG)  
(ELECTROENCEPHALOGRAPHY, in various diseases  
hypersomnia, organic & funct.)

ROTH, B.

"A Case of Familial Occurrence of Essential Narcolepsy." p. 127 (CASOPIS LEKARU CESKYCH, Vol. 93, No. 4/5, Jan. 1954) Praha, Czechoslovakia

SO: Monthly List of East European Accessions, Library of Congress, Vol. 3, No. 4, April 1954. Unclassified.

*Roth, Bedrich, DR*  
ROTH, Bedrich, Dr.

Narcolepsy and epilepsy; clinical and encephalographic comparison.  
Neur. psychiat. cesk. 17 no.5:303-311 Oct 54.

1. Neurol. klin. v Praze; predn. Dr. Kamil Henner.

(EPILEPSY

comparison with narcolepsy, clin. & EEG aspects)

(SLEEP DISORDERS

narcolepsy, comparison with epilepsy, clin. & EEG aspects)

(ELECTROENCEPHALOGRAPHY, in various diseases

epilepsy & narcolepsy, comparison)

CZECHOSLOVAKIA/Human and Animal Physiology - (Normal and Pathological). Nervous System. Electroencephalogram of Man. T

Abs Jour : Ref Zhur Biol., No 4, 1959, 17915

Author : Roth, Bedrich

Inst : -

Title : Sleep Activity on EEG as Manifestation of Chronic Insufficiency of Wakeful State.

Orig Pub : Ceskosl. psychiatr., 1957, 53, No 3, 163-170

Abstract : The manifestation of pathological inhibition on the EEG in a number of diseases (narcolepsy, hypersomnia, organic diseases of the mesodiencephalic region as well as neuroses and pseudoneuroses) under certain conditions is similar to the manifestation of sleep inhibition but does not possess its dynamic properties. The sleep inhibition reflects the weakening of cortex afferentation in functional insufficiency of the non-specific activating system.

Card 1/1



ROTH, Bedrich, Dr.; VLACH, Vladimir, Dr.; LACIGA, Zdenek, Dr.

Lumbar anesthesia as a cause of spinal arachnoiditis. Prakt.lek.,  
Praha 35 no.7:150-153 5 Apr 55.

1. Neurologicka klinika Karlovy university v Praze, prednosta aka-  
demik Kamil Henner (for Roth, Vlach). 2. Neurologicka klinika Kar-  
lovy university v Plzni, prednosta prof. Dr. Vaclav Pitha (for Laciga).

(ARACHNOID, diseases,  
arachnoiditis, spinal, caused by lumbar anesthesia)

(ANESTHESIA, REGIONAL, complications,  
lumbar anesth. causing spinal arachnoiditis)

ROTH, Bedrich, Dr; SIMON, Jiri, Dr

Attempts to provoke attacks of narcolepsy. Neur.psychiat.cesk.  
7° no.2:127-130 Mar 55.

1. Neurologicka klinika Karlovy university, prednosta akademik  
Kamil Henner.

(SLEEP DISORDERS,  
narcolepsy, induced, eff. of sympathetic-parasympath.  
equilibrium)

(ELECTROENCEPHALOGRAPHY,  
in narcolepsy, induced, study of eff. of sympath.  
parasympath. equilibrium)

(SYMPATHETIC NERVOUS SYSTEM, physiology,  
eff. on induced narcolepsy, relation to parasympath.  
NS., EEG)

(PARASYMPATHETIC NERVOUS SYSTEM, physiology,  
eff. on induced narcolepsy, relation to sympath. NS.,  
EEG)

ROTH, BEDRICH

NEVSIMAL, Oldrich, Dr.; ROTH, Bedrich, Dr.

Electroencephalographic findings in hypocalcemic and hyperventilation tetany. Cas. lek. cesk. 44 no.13:330-339 25 Mar 55.

1. Neurol. klinika K.U. v Praze; predn. akad. K.Henner.

(TETANY

hypocalcemic & with hyperventilation, diag., EEG)

(ELECTROENCEPHALOGRAPHY, in various diseases

tetany, hypocalcemic & with hyperventilation)

BC a-1

PROCESSES AND PROPERTIES INDEX

**Highly dilute flames of K-I<sub>3</sub>. E. E. Roth**  
(Magyar chem. Fol., 1934, 40, 65-81; Chem. Zentr., 1935, I, 2311).—The heat of the secondary gas reaction is sufficient to excite only the red, but not the violet, K doublet. The heat of dissociation of K<sub>2</sub> is calc. as 187 kg.-cal. from the diminution in light intensity on superheating the reaction zone.  
J. S. A.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

GROUP	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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CZECHOSLOVAKIA / HUNGARY

ROTH, B.; ROZSAHEGYI, I.; Neurological Clinic, Fac. of General Medicine, Charles University (Neurologicka Klinika Fak. Vseob. Lek. KU), Prague, Chief (Prednosta) Member of Academy K. HENNER; State Institute of Occupational Medicine, Budapest, Chief Prof Dr M. TIMAR [Original version not given].

"EEG Study of Decompression Disease."

Prague, Ceskoslovenska Neurologie, Vol 29, No 6, Nov 66, pp 386 - 390

Abstract [Authors' English summary modified]: 107 workers subjected to high pressure and decompression during their occupation were examined by EEG. In workmen who did not yet suffer from the disease, the EEG remains normal; workers who suffer only from the osteoarthritic form of the disease have nearly normal EEG. In the purely labyrinthine form, only 50% of the EEG are normal. In individuals who suffered from the nervous form of the disease, 66.7% of the recordings are not normal. It seems that EEG abnormality is due to disturbances in the higher divisions of the CNS. 2 Figures, 3 Western references. (Ms. rec. 1/1 16 Jun 65).

STREJCHYR, Vl.; HOUBOVA, J.; NEVSIMAL, O.; ROTH, B.

Pseudohypoparathyroidism in 2 sisters. Cesk. neur. 24 no.1:20-27  
Ja '61.

1. III detska klinika v Praze, prednosta prof. dr. O. Vychytil, Neuro-  
logicka klinika KU v Praze, prednosta akad. prof. K. Henner.

(PARATHYROID GLANDS dis)

ROTH, B.; SUNTYCH, F.

Electroencephalographic studies of chronic brucellosis. Rev. Czech. med. 7 no.2:100-109 '61.

1. Neurological Clinic, Charles University, Prague. Director: Academician K. Henner, M. D. Occupational Diseases Clinic, Charles University, Prague. Director: Prof. J. Teisinger, M. D.

(BRUCELOSIS physiol)  
(NEUROLOGIC MANIFESTATIONS)  
(ELECTROENCEPHALOGRAPHY)

CZECHOSLOVAKIA

N. ROTHOVA and B. ROTH, Third Pediatric Clinic (III. detska klinika)  
Head Prof Dr O. VYCHYTEL, and Laboratory for Psychophysiology of the  
Nervous System, Faculty of General Medicine, Charles University, Prague.

"Focal Reflex Epilepsy to Tactile Stimuli in a Child."

Prague, Czechoslovak Neurologie, Vol 25(59), No 1, Jan 53; pp 33-35.

Abstract [English summary modified]: Epileptic attacks in boy of 12  
were elicited by tactile stimulation of upper right thigh, buttocks and  
groin. Treatment with 'sudenton' produced marked improvement. Case  
report; 4 Czech and 1 Western text (Penfield & Jasper).

1/1



ROTH B. Neurologická Klinika Karlovy University v Hradci Kralove. Syndrom pachymeningitis cervicalis hypertrophica luetica prevazne vaskularniho typu  
Syndrome of leptic cervical hypertrophic pachymeningitis mostly of the vascular type Neurol Psychiat. cs. 1949, 12/6 (257-263)

In two cases an almost total flaccid paralysis of the upper extremities developed. The second case had a negative WR. The author explains the clinical findings as due to a lesion of the arteries supplying the ventral horns which are terminal arteries, while other spinal arteries have a considerable collateral circulation. The swollen meninges may also have played a part in the development of the paralysis.

Jirout-Prague

So: Neurology & Psychiatry Section VIII, Vol. 4, No. 1-6

DOSTALEK, C.; DOSTALKOVA, J.; ERLER, H.; NOVAK, V.; RUTH, B.

Temporary connection between heterorhythmic stimuli in the EEG records. *Activ. nerv. sup. (Praha)* 7 no.2:171-172 '65

1. Laboratory of Graphic Diagnostics, Czechoslovak Academy of Sciences, Prague. 2. C. Dostalek's address: Bulovka, Praha 8.

HAJEK, Frantisek, As., Dr.; ROTH, Bedrich, Dr.

Essential hereditary tremor (Miron's disease). Cesk. neur.  
19 no.1:59-63 Mar 56.

1. Neurologicka klinika KU v Praze, prednosta akademik Henner.  
(TREMOR,  
essential hered. (Cs))

ROTH, Bedrich, Dr.

Sleep drunkenness and sleep paralysis. Cesk. neur. 19 no.1:  
48-58 Mar 56.

1. Z neurologické kliniky Karlovy university v Praze, prednosta  
akademik Kamil Henner.

(SLEEP DISORDERS,

sleep drunkenness & sleep paralysis. (Cs))

SURNAME, Given Names

3

Country: Czechoslovakia

Academic Degrees:

Affiliation: Neurological Clinic, KU /Karlova univerzita; Charles University/  
Neurologicka klinika KU , Prague; Director: Academician K. HENNER,

Source: Prague, Prakticky Lekar, Vol 41, No 12, 1961, pp 550-551.

Data: "Tetonia and Epilepsy."

Authors: NEVSIMAL, Oldrich, MD

ROTH, Bedrich, MD

GPO 981643

NEVSIMAL, Oldrich; ROTH, Bedrich

Contribution to the problem of normocalcemic tetany. Cas.lek. cesk  
100 no.12:371-379 24 Mr '61.

1. Neurologicka klinika KU v Praze, prednosta akademik Kamil Henner.

(TETANY)

ROTH, D.;SIMEK, J.

Electroencephalographic finding in essential and symptomatic  
narcolepsy. Neur. psychiat. cesk. 15 no. 3-4:80-109 Aug 1952.  
(CJML 23:1)

1. Of the Neurological Clinic (Head--Prof. K. Hanner, M. D.)  
of Charles University, Prague.

ROTH, Eduard, inz.

Maintenance of aerial safety devices. Letecky obzor 8  
no.11:338-340 N '64.



L2981

S/058/62/000/011/060/061  
A160/A101

AUTHOR: Róth, Gejza

TITLE: A device for determining the input parameters of semiconductor triodes

PERIODICAL: Referativnyy zhurnal, Fizika, no. 11, 1962, 23, abstract 11-4-45u P  
(Czechosl. pat., cl. 21a<sup>4</sup>, 71, no. 99889, June 15, 1961)

TEXT: The measurings are carried out on two frequencies with the help of a bridge containing a differential transformer. The middle point of the latter is connected to the grounded lead-out of the indicating device and to the collector of the semiconductor triode subjected to tests. The measuring arm of the bridge, cut in between one end of the transformer winding and the ungrounded lead-out of the indicator, is formed by the circuit of the emitter and the base of the semiconductor triode. The compensation circuit, cut in between the other end of the winding and the unground lead-out of the indicator, contains the adjusting resistances which are successively connected, and the collector.

N. S.

[Abstracter's note: Complete translation]

Card 1/1

BOTH, G.

Frequency instability of the oscillators of receivers in tropical climates and the means of remedying this shortcoming. p.48. (Sdelovaci Technika. V ol. 5, no. 2, Feb. 1957. Czechoslovakia.)

SO: Monthly List of East European Accession (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

ROTH, Gh., dr.; SZABO, L., dr.

Some bioelectrical and clinical diagnostic aspects of traumatic epilepsy. Neuroliga (Bucur) 10 no.1:33-43 Ja-F'65.

1. Lucrare efectuata in Clinica de neurologie si in Clinica de neurochirurgie, Tg. Mures.

SZABO, L., dr.; ROTH, Gh., dr.

Epileptic bioelectrical changes in the late period of traumatic diseases without clinical manifestations of epilepsy. Neurologia (Bucur) 10 no.2:159-165 Mr-Ap'65.

1. Lucrare efectuata la Clinica de neurologie si Clinica de neurochirurgie, Tirgu Mures.

ROTH, Gh. dr.; NAGY, P., dr.

Some aspects of vascular myelopathies. (Problems of diagnosis and of clinical evolution). Med. intern. (Bucur) 17 no.6: 715-724 Je'65.

1. Lucrare efectuata in Clinica de neurochirurgie a Institutul medico-farmaceutic, Tirgu Mures (director: prof. T. Andrasofszky).

KOTH, GY.

AGRICULTURE

Periodicals LELESCITTSUDOMAN I KOZLEMENYEK No. 1, 1958

KOTH, GY. The selection forest. p. 49

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 5,  
May 1959, Unclass.

ROTA, N.

GEOGRAPHY & GEOLOGY

Periodicals STUDI SI CERCEA 1 DE GEOLOGIE-GEORAFIE Vol. 8, no. 1/2,  
Jan./June 1957

ROTA, N. Additions to the knowledge of minerals with titanium. II. Origin and  
expansion of titaniferous sands. p. 45.

Monthly List of East European Accessions (EEAI) IC. Vol. 8, No. 3, 3  
~~May~~ 1957, Unclass.  
March

ROTH, H.

Improvement of the rotary cuff knitters. Ind text Rum 12  
no.12:510-511 D\*61.

1. Intreprinderea de tricotaje "Agnita".



ANGELESCU, E.; DIMBOVICEANU, A.; ROTH, H.; NICOLAU, C.

Research on the proliferation of streptococcus in the presence of  
anesthesine and novocaine. Rev chimie 4 no.2:207-226 '59. (EEAI 9:7)

1. Institut de Serologie "Dr. I.Cantacuzino" et Laboratoire de  
Chimie organique de l'universite "C.I.Parhon" de Bucarest. 2.  
Comite de redaction, Revue de Chimie; Membre correspondant de  
l'Academie de la Republique Populaire Roumaine (for Angelescu).  
(Streptococcus) (Procaine) (Benzocaine)

*a* L 9855-66 EWP(t)/EWP(n)/EWP(b) JD/JAT(CZ)  
ACC NR: AF5023034 SOURCE CODE: GS/0054/65/000/009/0603/0606

AUTHOR: Heller, J.; Jager, G.; Roth, H.

83  
B

ORG: FIMA

ORG: Research Institute Manfred von Ardenne, Dresden-Weisser Hirsch (Forschungs-  
institut Manfred von Ardenne, Dresden-Weisser Hirsch)

TITLE: Heated vacuum tubes

SOURCE: Technik, no. 9, 1965, 603-606

TOFIC TAGS: electric engineering, electron tube, high vacuum

ABSTRACT: Three high-vacuum tubes developed by the M. Von Ardenne Research Institute are described. The tube requirements were: heating to 450C open or locked; use of materials with low steam pressure and/gas permeability; construction from heat-resistant materials; use of metal coating; and extremely low leakage rates. Tube NW32 is designed as a corner tube of simple construction, with a small disk, stem, jacket, and a short stroke. The total length is 168 mm. The flange coupling

1/2

DX: 621.646.2:662.987:621.52

L 9855-66

ACC NR: AP5023034

diameter is 90 mm. Tube NW100 is 713 mm long, its height is 140 mm, and its productive capacity is 230 l/sec. The tube orifice diameter is 107 mm. The heavy housing of V2A extra is provided with cooling grooves. The removable disk is secured from twisting on the stem by an adjustable spring. Tube NW250, with a nominal diameter of 250 mm, was constructed under orders from VEB Hochvakuum Dresden. The requirements were: production capacity of 3500 l/sec, leakage rate of  $10^{-13}$  torr l/sec, and after a test of 20 lockings with the same insulation, the leakage rate should be less than  $10^{-9}$  torr l/sec. Other requirements were: smaller size, smaller thermal capacity, hand manipulation, and lower production costs. These requirements were fulfilled and the tube dimensions were: total length 910 mm, height 325 mm, and disk diameter 190 mm. Orig. art. has: 4 figures.

SUB CODE: 09/ SUBM DATE: none NR REF SOV: 000/ OTHER: 002

*PC*  
2/2

Distr: 4E2c

A procedure for the concentration and separation of titanium- and zirconium-containing minerals, starting with the detritus products from the dacites of the Vladesa Mountains. C. Gh. Macarovici, E. Stoicovici, L. Creghidly, and H. Roth (Chem. Inst., Cluj, Romania). *Acad. rep. populare Romane, Studii cercetari chim.* 6, 51-7 (1958) (French and Russian summaries).—The raw material is submitted to a 1st sepn. in water; by gravitation the majority of the sterile material is eliminated. The material thus enriched in minerals is submitted to a selective electromagnetic sepn. done by a special instrument conceived for that purpose. The instrument is composed of an electromagnet and rotating disk whose distance from poles of the electromagnet can be varied, between which passes an endless band on which the mineral to be sepd. is placed. The width of this band is less than the diam. of the disk. When in operation the mineral is attracted to the disk which upon rotation brings it outside the field, and drops from the disk. By selecting the distance between the disk and the electromagnet and also the intensity of the current, many seps. can be made. In this case titaniferous magnetite is first sepd., then ilmenite, and finally titaniferous amphibole and Zr. A. Bostan

Distr: 4E2c

7  
1

A procedure for the concentration and separation of titanium and zirconium containing minerals, starting with the detritus products from the dacites of the Vladesasa Mountains. C. Gh. Macarovitch, B. Stolcovici, L. Czeglidy, and H. Roth (Chem. Inst., Cluj, Romania). *Acad. rep. populare Romine, Studii cercetari chim.* 6, 61-7 (1958) (French and Russian summaries).—The raw material is submitted to a 1st sepn. in water; by gravitation the majority of the sterile material is eliminated. The material thus enriched in minerals is submitted to a selective electromagnetic sepn. done by a special instrument conceived for that purpose. The instrument is composed of an electromagnet and rotating disk whose distance from poles of the electromagnet can be varied, between which passes an endless band on which the mineral to be sepd. is placed. The width of this band is less than the diam. of the disk. When in operation the mineral is attracted to the disk, which upon rotation brings it outside the field, and drops from the disk. By selecting the distance between the disk and the electromagnet and also the intensity of the current, many sepn. can be made. In this case titaniferous magnetite is first sepd., then limonite, and finally titaniferous amphibole and Zr. A. Besler

JH

ROTH, Hannelore; CZEGLEDI, L.; MACAROVICI, Const. Gh.

Composition and stability of complexes of Zr(IV) and Hf  
(IV) with D-gluconic and D-saccharic acids. Studii  
cerc chimie Cluj 14 no.1:69-80 '63.

1. Institute of Chemistry, Rumanian Academy, Cluj Branch.
2. Corresponding Member of the Rumanian Academy (for  
Macarovici).

ROTH, Hubert

Determination of boron in plants and soils by the ester method. Hubert Roth and Wilhelm Beck (Badischen Anilin- & Soda-Fabrik A.G. Ludwigshafen a. Rh., Ger.). *Z. anal. Chem.* 141. 411-18(1954).—To 1-2 g. of dry or freshly cut sample add 10-20 ml. of  $\text{Ca}(\text{OH})_2$  suspension, carefully evap. to dryness, and finally heat to  $600^\circ$  for 10 min. The original sample can be dried at  $80^\circ$  without fear of losing some  $\text{H}_3\text{BO}_3$ . From this point, proceed as described in the preceding abstr. for fertilizers. Very precise directions are given for the examn. of total B in soils.

W. T. Hall

I. ROTH, I. SUREGI, L. GORECZKY.

"Lead poisoning and hepatorenal syndrome." p. 423 (ACTA MORPHOLOGICA ACADEMIAE SCIENTIARUM HUNGARICAE, Vol. 2, no. 4, 1952, Budapest, Hungary)

SO: Monthly List of East European Accessions, L.C., Vol. 2 No. 7, July 1953, Uncl.



ROTH, Imre; GAAL, Magdolna; GORECZKY, Laszlo; SUMEGI, Istvan

Changes in the cellular composition of the islands of Langerhans in anaphylactic experiments. Experimental studies on the pathogenesis of diabetes mellitus. Kiserletes orvostud. 8 no.4:420-425 July 56.

1. Budapesti MAV Korhaz es Kozponti Rendelo.

(ALLERGY, exper.

anaphylaxis, eff. on cellular composition of islands of Langerhans in dogs, relations to diabetes mellitus pathogen. (Hun))

(ISLANDS OF LANGERHANS, pathol.

eff. of exper. anaphylaxis on cellular composition in dogs, relation to diabetes mellitus pathogen. (Hun))

SUMEGI, Istvan; GORECZKY, Laszlo; ROTH, Imre

Morphological data on the quantitative changes in protective substances of the serum in lead poisoning. Kiserletes orvostud. 8 no.4:428-438 July 56.

1. Budapesti MAV Korhaz es Kozponti Rendelointezet Prosecturaja, Kozponti Laboratoriuma es III. Belosztalya.

(LEAD POISONING, exper.

pathol. changes in NS of rabbits, immunobiol. aspects (Hun))

(NERVOUS SYSTEM, eff. of drugs on

exper. lead pois., pathol. changes, immunobiol. aspects (Hun))

SUMEGI, I.; GORECZKY, L.; ROTH, I.

No translation. Acta morph. hung. 4 no.4:463-474 1954.

1. Hungarian State Railways (MAV) Hospital, Budapest  
(NEOPLASMS, metab. in  
amyloid substance)  
(AMYLOID SUBSTANCE, metab.  
in cancerous tissue)

No 111 I

VAJDA, Gyorgy; GORECZKY, L.; ROTH, I.; SUMEGI, S.

Cytotropic effect of tumor cells. Acta microb. hung. 1 no.4:  
331-337 1954.

1. Aus dem Krankenhaus der Ungarischen Staatsbahnen.  
(NEOPLASMS  
tumor cells, cytotropic eff.)

ROTH, I.;GORECZKY, L.;ERZSBET, S.;SUMEGI, I.

Hepatitis and diabetes. Orv. hetil. 94 no.37:1031-1035 13 Sept 1953.  
(GLML 25:5)

1. Doctors. 2. Hungarian State Railroads Hospital.

GORECZKY, Laszlo; ROTH, Imre

On the determination of porphyrin precursors. Kiserl. orvostud.  
14 no.5:468-472 0 '62.

1. MAV-Korhaz es Kozponti Rendelo Intezet Laboratoriuma es III.  
Belosztalya.

(PORPHYRINS) (LEAD POISONING) (HEPATITIS) (URINE)

ROTH, E.

Morphological data on changes in the normal antibodies of the serum in lead poisoning. I. Simegi, L. Gereczky, and I. R6th (Hungarian State Railway's Hosp., Budapest). *Acta Morphol. Acad. Sci. Hung.* 7, 193-97 (1958) (in English). -- One ml./kg. body wt. of 2% Pb acetate was injected intravenously into rabbits. This was repeated every second day for 8-10 days. Up to 4000  $\gamma$  of porphyrin appeared (largely coproporphyrin of isomeric group III). Animals also developed anemia and low erythrocyte and hemoglobin. Vigorous porphyrin fluorescence was observed in the kidneys, liver, and other organs. Injection of 2.5 ml. of 0.1% hematoporphyrin (2500  $\gamma$  porphyrin)/kg. body wt. produced similar immunobiol. changes. 51 references.

M. Kautschke

HUNGARY

GORECZKY, Laszlo; ROTH, Irs; Laboratory and III. Department of Internal Medicine of the Central Ambulant Clinic and Hospital of MAV [Magyar Allamvasutak -- Hungarian State Railways], (MAV-Korhaz es Kozponti Rendelo Intezet Laboratoriuma es III. Belosztalya).

"On the Method of Determination of Porphyrin Precursors."

Budapest, Kiserletes Orvostudomany, Vol 14, No 5, Oct 62, pp 468-472.

Abstract: [Authors' Hungarian summary] In the various forms of porphyrinopathy the precursors assumed great significance as a result of recent researches. Instead of the originally used ion exchange resins others may also be used for analysis. Delta-amino levulinic acid was separated on the Bayer ion exchanger Lewatit S 100/1 57 with 1.0 N acetate instead of Dowex-50 and 0.5 N acetate. In thirty normal subjects, the average level was found to be 1.8 ml which is somewhat lower than previously reported. These analyses are especially important in the diagnosis of latent lead poisoning. [11 refs, predominantly Western.]

1/1



T-9

HUNGARY/Human and Animal Physiology - Endocrine Glands.

Abs Jour : Ref Zhur - Biol., No 7, 1958, 32048

Author : Roth Imre, Gaal Magdolna, Goreczky Laszlo, Sumagi Istvan

Inst : -  
Title : Change of Cellular Composition of Langerhans Island during Anaphylaxis. Experimental Investigation of the Pathogenesis of Diabetes.

Orig Pub : Kiserl. orvostud., 1956, 8, No 4, 420-425

Abstract : During spontaneous and experimental diabetes, a-cells predominate in the Langerhans island. The authors used the Masugi method for the purpose of changing the relationship of the a- and  $\beta$  cells. In normal dogs there are 9.9% a-cells. In healthy dogs, after the introduction into them of cat's antipancreatic serum, the content of  $\alpha$ -cells totals 7.7%; with the introduction of an antiserum obtained by the immunization of the pancreas of dogs with alloxanate diabetes, the number of  $\alpha$ -cells increased up to

Card 1/2

- 90 -

ROTH, Imre, Dr.

Porphyria and splenectomy. Orv. hetil. 100 no.35:1254-1260 30 Aug 59

I. M.A.V. Korhaz es Kozponti Rendelointezet (igazgato: Oo Iajos dr.)  
kozlemeny.

(PORPHYRIA, surg)

(SPLEEN, surg)

HUNGARY /General Problems of Pathology - Tumors. Immunity. U.

Abs Jour : Ref Zhur' - Biol., No 2, 1959, 3786

Author : Vajda Gyula, Goreczky Laszlo, Roth Lure, Simegi Istvan  
Inst : -  
Title : The Depressive Effect of Malignant Tumors on the Reticulo-Endothelial System

Orig Pub : Kiserl. Orvostud., 1957, 9, No 4, 396-400

Abstract : In rats with a Guerin carcinoma a Cryptococcus neoformans suspension injected intravenously was found to be eliminated from the blood only after 21 minutes (in the control, three to ten minutes). The elimination time of India ink was also delayed in cancerous rats (26 minutes compared with control of 10-15). The injection of defatted carcinoma tissue subcutaneously into rats for five to 10 days delayed the elimination of Congo red from the blood stream. -- A.N. Ivanov

Card 1/1

GORECZKY, L.; ROTH, I.; SUMEGI, I.; VAJDA, Gy.

Defense symptoms of the lead poisoning. Acta med. hung. Suppl.  
6 no.1:93-94 1954.

1. MAV - Krankenhaus, Budapest.  
(LEAD POISONING, exper.  
protective mechanism in rabbits)

ROTH, I., inz.

A new device for fixing electric wires on walls. Elektrotechnik  
17 no.1:25-26 Ja '62.

Wolfe, Gordon, 1964.

Clips from report for wire fixing, Mikrotechnika 12  
no. 5:181-182 Ja '64.

ROTH, Imre, dr.; GORECZKY, Laszlo, dr.; MOLNAR, Janos, dr.;  
SOMEGI, Istvan, dr.

Recent studies on porphyrin ointment. Orv. hetil. 96 no.29:767-769  
10 July 55.

1. A Budapesti MAV Korhaz es Kozponti Rendelo Intezet (igazgato:  
Oo Lajos dr.) kozlemenye.

(PORPHYRIN,  
ointment)

(OINTMENTS,  
porphyrin)

*ROTH, IMRE*

SUMEGI, Istvan; GORECZKY, Laszlo; ROTH, Imre

Recent studies on the incidence of amyloid substance in malignant tumors. Kiserletes orvostud. 6 no.4:350-360 July 54.

1. Budapesti MAV Korbaz.  
(NEOPLASMS, metab. in  
amyloid substance)  
(AMYLOID SUBSTANCE, metab.  
in neoplasms)



GORECZKY, Laszlo.; ROTH, Inre.; SUMEGI, Istvan.; VAJDA, Gyula.

Modification of content of protective substances in blood serum in acute lead poisoning. Kiserletes orvostud. 7 no.3:235-242 May 55.

1. Budapesti MAV-korhaz.

(LEAD POISONING, experimental,  
blood in, bactericidal & other protective properties)

(BLOOD , in various diseases,  
exper. lead pois., bactericidal & other protective  
properties)

ROTH, Imre, dr.; GORECZKY, Laszlo, dr.

Role of delta-amino-levulinic acid in the exposure to lead and in lead poisoning. Orv. hetil. 103 no.17:778-780 29 Ap '62.

1. MAV-Korhaz, III Belosztaly es Kozponti Laboratorium, Budapest.

(KETO ACIDS metab) (LEAD POISONING metab)

L 45525-65 EWG(v)/FS(v)-3/EEC(c)-2/FSS-2 ps-5/P1-4/po-4/pq-4/pae-2 TT

ACCESSION NO: AP5014791

RU/0005/64/008/009/0363/0369

56  
B

AUTHOR: Roth, Ionel (Engineer)

TITLE: Inclusion of the satellite communication systems into one world communication system

SOURCE: Telecommunicatii, v. 8, no.9, 1964, 363-369

TOPIC TAGS: telecommunication, artificial satellite, satellite communication, satellite communication system.

ABSTRACT: (Author's English summary modified) A discussion on the creation of a world-wide telecommunications network based on artificial satellites, and a brief description of the different types of satellite communication (e.g., with stationary satellites, subsynchronized satellites, etc.). Orig. art. has 4 figures.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: EC, SV

NO REF SOV: 000

OTHER: 007

JPRS

Card 1/1 mb

RODN, Lonel, ing.

Telecommunications by artificial earth satellites.  
Telecommunicatii 8 no.1:21-33 Ja-F'64.

ROTH, Ionel, ing.

Television in closed circuit. St si Teh Buc 15 no.6:35-37 Je '63.

1. Planning Institute for Transport and Telecommunications, Bucharest.

MARTON, György, ex-leveles gépészmérnök; HORVATH, Jozsef; HIRSCH,  
Lajos; KATH, Kalman

Some questions relating to the ventilation and dust extraction  
in foundries. Koh lap 96 no. 6; Suppl. (Székhely) 14 no. 6: 128-136  
to 131.

1. Designing Offices of the Ministry of Metallurgy and Machine  
Industry, Budapest.

Examination of potassium and iodine flames of high dilution at low pressures. *Bulletin Royal Magnan Chem. Fédéral* 40, (5 81(1934)). Behavior of  $K + I$  flames was similar to those of  $K + Cl$ , and  $Br$ , resp. A smaller difference was found in observing that a red doublet is emitted only when the produced lower energy rate of the secondary gas reaction is not enough for the emission of the violet doublet of  $K$ . The decrease of light connected with the increase of temp. of the reaction area was more exactly examd. and quant. analyses were made to det. the heat of dissoci. of  $K$ . The result was 18.7 kcal., in good agreement with the newest spectroscopic data. Also the const. of the elementary processes could be detd. from the distribution curves and the variation of the sp. light emission with temp. and  $K$  pressure.

S. S. de Finlay

METALLURGICAL LITERATURE CLASSIFICATION

112

PROCESSES AND PROPERTIES

Muscle proteins of fish. Iva Roth (Univ., Königs-  
berg). *Biochem. Z.* 318, 74-84(1947). -A 0.01 M KCl  
soln. buf'ed with NaHCO<sub>3</sub> to pH 8 exts. from fish-  
muscle p. 3 protein fractions. On continued dialysis,  
as the pH drops to 7.0 and the ionic strength to 0.21,  
a protein fraction ppts. showing flow double refraction,  
abnormally high viscosity, ability to form fibers, relative  
viscosity, isoelec. point at pH 5.4; it is identified as acto-  
myosin (Szent-Györgyi). Myosin could not be identified.  
Small amts. of protein of indefinite nature were pptd.  
between ionic strengths of 0.20 to 0.01, but below this  
limit a protein fraction ppts. which is marked by low and  
normal viscosity and by isoelec. point of pH 5.0; it corre-  
sponds to globulin X in fish. The remaining protein is an  
albumin which resembles the mammalian myogen, except  
that its isoelec. point of pH 6.1, and flocculation on either  
the alk. or acid side, is more like that of the frog.

S. Morgulis

METALLURGICAL LITERATURE CLASSIFICATION

REGIONAL SOCIETY



ROTH, GRACE,  
LOUIS E. FRICKMAN, Ann. Internal Med. 13, 2235-40 (1940)

BC

23

Microdetermination of rubidium and caesium in organic compounds. H. ROTH (Mikrochem., 1937, 21, 227-230).—The material is evaporated down with  $H_2SO_4$ , and Rb and Cs are finally weighed as sulphates.  
J. S. A.

459-51A METALLURGICAL LITERATURE CLASSIFICATION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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1ST AND 2ND ORDERS													PROCESSES AND PROPERTIES INDEX													3RD AND 4TH ORDERS												
BC																										1-3												
<p>Determination of nitrogen in diazo-compounds. H. Born (Mikrochem., Molisch Festschr., 1936, 376—378).—Certain diazo-compounds (e.g., the diazo-ketones of unsaturated acids) are decomposed catalytically by CuO at room temp., thus giving low val. for N. Such materials are weighed in a Sn foil capsule, which is embedded in the CuO tube filling. J. S. A.</p>																																						
A S M S L A METALLURGICAL LITERATURE CLASSIFICATION																																						
GROUPS													SUBGROUPS													REVISIONS												
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z													1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39													1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39												

BC u-3

*Pressure regulator for carbon and hydrogen  
determination. H. ROTH. (Mikrochem., Molisch  
Festschr., 1936, 373-374).—Apparatus is described.  
J. S. A.*

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND ORDERS      2ND AND 3RD ORDERS

OPEN      COMMON ELEMENTS      COMMON VARIABLES

GROUPS      1ST AND 2ND ORDERS      2ND LETTERS      1ST AND 2ND LETTERS

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

*bc* *A-1*

COMMON ELEMENTS

OPEN MATERIALS INDEX

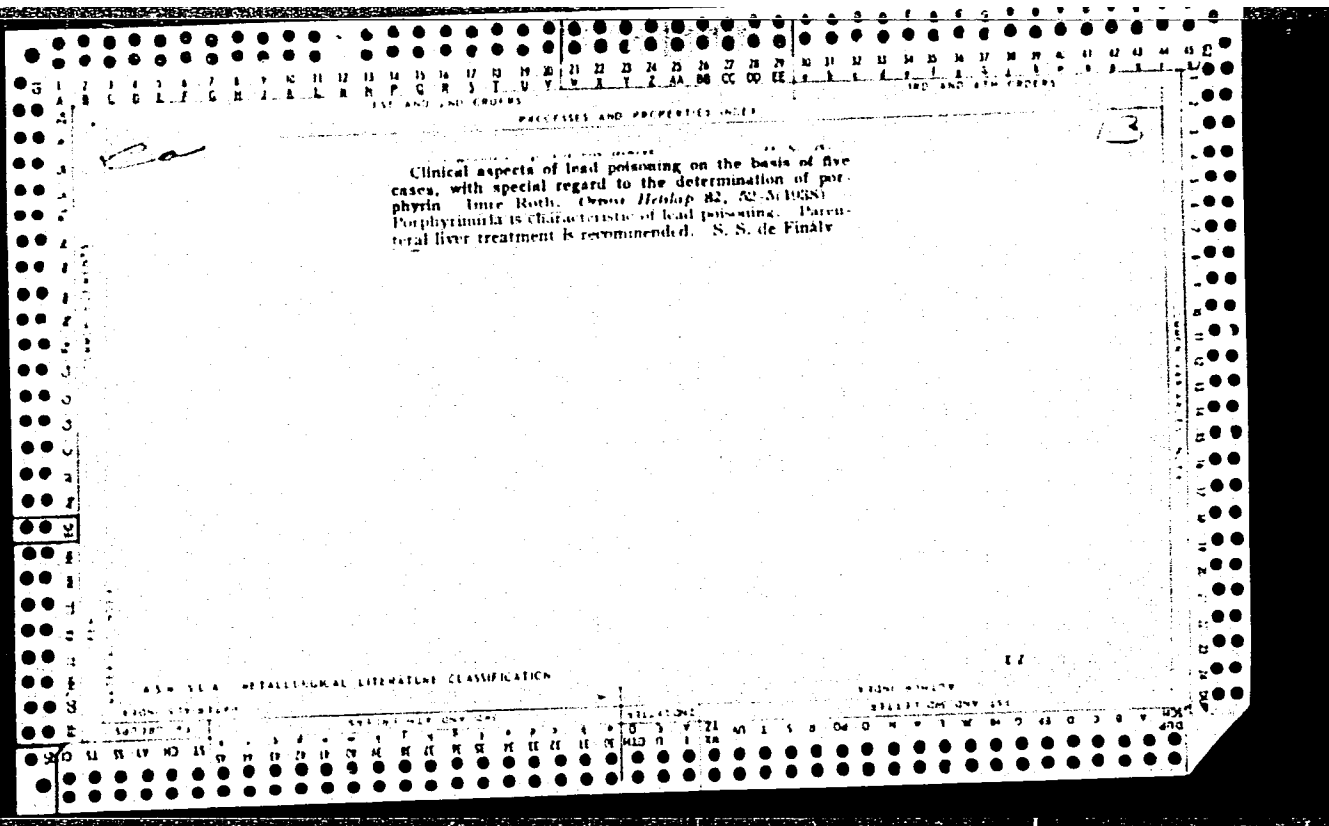
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

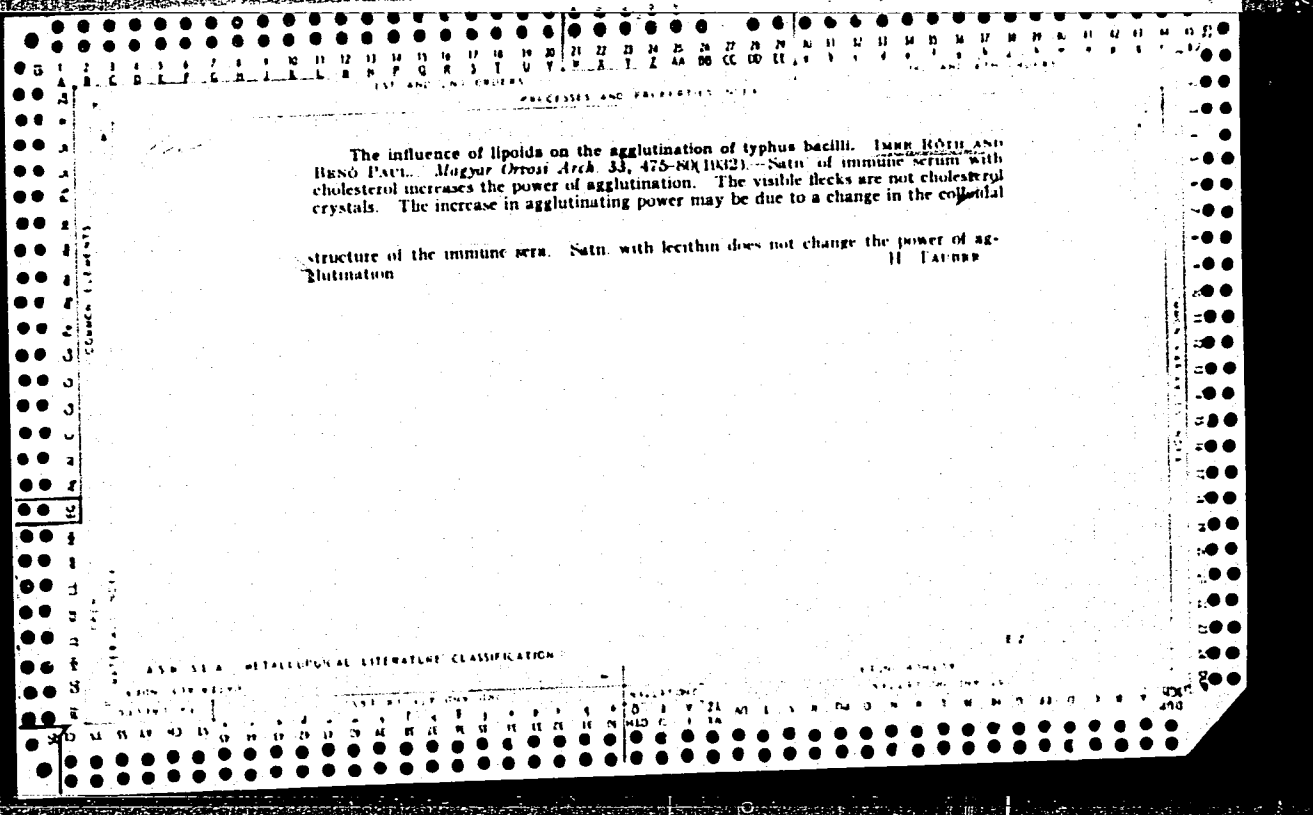
REGIONAL BOMLUV

REGIONAL BOMLUV

GROUP	CLASSIFICATION	ISSUE	DATE	NO.	...
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COMMON ELEMENTS





*S. of C. I.*

*Mechanical Boots;  
Miscellaneous*

**Weatherstrip.** J. W. ROTH, Austrian P. 168301, Appl. 13.2.50, Acc. 18.10.70. A device for the hermetic sealing of folding and other doors, hatches, windows, roller shutters, and refrigerators, consists of a rubber sealing strip the solid part of which fits in a swallowtail groove of the door while a hollow tubular part projects. On the part of the frame opposite the sealing strip a U-shaped groove is provided into which the strip is pressed when the door is closed whereupon the tubular portion is deformed and gives the sealing effect.

60M222323.1

*col. 21*

ASTM S1.4 METALLURGICAL LITERATURE CLASSIFICATION



WPTI, J.

Future tasks of the periodical Voda. p. 2. VOD. (Ustredni sprava vodniko gospodarstiv) Praha. Vol. 35, no. 1, Jan. 1956.

SOURCE: East European Accessions List, Vol. 5, no. 9, September 1956

ROTH, L.

PAUNESCU-PODEANU, A.; BERINDE, L.; GEORGESCU, I.; SGAVFRDIA, C.; ROTH, L.; SANDOR, S.;  
LUPEA, V.; REICHTATH, S.

Antibody disease, A case of complex disorder of the process of  
antibody formation. Med. int., Bucur. 9 no.6:915-920 June 57.

(ANTIBODIES

form. disord. causing defic. of immunizing antibodies  
& excess of allergizing & aggressive antibodies.)

BROTANEK, V.; KAZDA, S.; ROTH, L.

A method for studying uterine blood flow in pregnant women. *Physiol. Bohemoslov.* 11 no.4:358-363 '62.

1. Institute for the Care of Mother and Child and Research Institute for Communications, Prague.

(PREGNANCY)

(UTERUS)

(BLOOD CIRCULATION)

(BODY TEMPERATURE)

ROTH, Ladislav

Thermistor bridges for temperature measurement and control.  
Sdel tech ll no.3:91-92 Mr '63.

ROTH, Ladislav, inz.

Cryotronics, a new branch of science. Sdel tech 11 no.10:  
363-365 0 '63.

ROTH, Ladislav, inz.

Thermistors with a positive temperature coefficient. Sdel  
tsch 12 no.8:285-287 Ag '64

ROTH, Ladislav

Compensation circuits with thermistors. Sdel tech ll no.9:  
359-360 S '63.

DINU, I.V., dr.; ROTH, L., dr.

Presence of anti-lung antibodies in the blood of asthmatic patients. Med. intern. (Bucur.) 16 no.12:1471-1476 D '64

1. Lucrare efectuata in clinica a II-a medicala, Institutul Med., Timisoara, (director: prof. A. Paunescu-Podeanu)



ROTH, Ladislav

The characteristics of thermistors. J del tech 9 no.9:327-329 S '61.

RUMANIA/Human and Animal Physiology. Blood

T-4

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 65190

Author : Aubert H., Roth L., Krausz N., Weinrauch F.

Inst : -

Title : A Study of the Etiology, Pathogenesis and Prognosis of Myelopathy.

Orig Pub : Med. interna, 1956, 8, No 2, 192-202

Abstract : The prognosis in myelopathy depends upon the etiological factor and the degree of disturbance in bone marrow function. Toxic and allergic myelopathies differ pathogenetically. The former arise following chronic intoxication with various chemical substances, the latter when there is increased sensitivity to certain substances. The tonsillar focus can lead to the development of panmyelopathy, in the mechanism of which perivascular, perisinus or allergic edema plays an important role. The differential diagnosis of toxic and allergic myelopathy is difficult. With the former there is a sudden onset with a serious condition and rapid improvement;

Card : 1/2

RUMANIA/Human and Animal Physiology. Blood

T-4

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 65190

the latter is characterized by an acute course and a lowly progressive worsening. The eosinophilogram is important in the diagnosis, as is the anamnesis of the patient. The prognosis is more favorable for allergic toxico-infectious myelopathies.-- S.N. Fayn

Card : 2/2

AUBERT, H., Prof.; ROTH, L., dr.; KRAUSZ, N., dr.; WEINRAUCH, F., med.

Etiopathogenesis and prognosis of myelopathy. Med. int., Bucur.  
8 no.2:192-202 Apr-May 56.

1. Clinica i medicala, Timisoara.

(BONE MARROW, diseases

allergic, toxic & syphilitic, etiol. & progn.)

(SYPHILIS, complications

myelopathy, progn.)

(ALLERGY

allergic myelopathy, etiol. & progn.)

PAUNESCU-PODEANU, A., prof.; GEORGESCU, I., dr.; HAMMER, A., dr.; MICLEA, F., dr.;  
ROTH, L., dr.; DANCAU, G., dr.

Phenylbutazone in the treatment of phlebothrombosis. Some  
new data on the mechanism of action. Med. int., Bucur. 12 no.1:  
151-157 Ja '60.

1. Lucrare efectuata in Clinica a II-a medicala, I.M.F. Timisoara.  
(THROMBOSIS, therapy)  
(PHENYLBUTAZONE, therapy)

GAVRILESCU, S., Dr.; GAVRILESCU, M., dr.; ROTH, L., dr.; BERCOVICI, L., dr.

Posthepatitis hemolytic phenomenon. Med. int., Bucur. 9 no.1:  
123-130 Jan 57.

1. Lucrare efectuata in Clinica I medicala, Timisoara.

(ANEMIA, HEMOLYTIC, case reports  
post-hepatitis hemolytic anemia)

(HEPATITIS, complications  
anemia, hemolytic)

(HYPERSPLENISM, case reports  
hemolytic, post-hepatitis hypersplenism)

DINU, I.V., dr.; ROTH, L., dr.; DINU, N., dr.; HAMMER, A., chim.;  
GAVRILESCU, M., dr.

Research on the reticulohistiocytic system in allergy. Influence  
of cortisone treatment. Med. intern. 15 no.4:439-445 Ap '63.

1. Lucrare efectuata in Clinica a II-a medicala, I.M. Timisoara  
(prof. A. Paunescu-Podeanu),

(RESPIRATORY ALLERGY) (DRUG ALLERGY)

(RETICULOENDOTHELIAL SYSTEM)

(PHAGOCYTOSIS) (CORTISONE)

(URTICARIA)

Z/014/62/000/003/002/004  
E192/E582

AUTHOR: Roth, L.

TITLE: Czechoslovak thermistor types

PERIODICAL: Sdelovaci technika, no. 3, 1962, 91 - 94

TEXT: Catalogue data and some constructional details (drawings and photographs) of a number of Czechoslovak-made thermistors, types TR and TR-N2, are given. For the purpose of comparison, similar data are also given for various types of thermistors made in the USSR, Germany, Holland, Great Britain and Poland. Czechoslovak thermistors are principally of the rod and plate type and their maximum dissipation powers range from 1.25 - 5 W. The thermistors TR001-750 and TR 001-2500 are used primarily for protecting the heaters in radio receivers, while TR 003-750 and TR 002-1100 are used for protecting the heaters and for starting small motors. Types TR 005-10 and TR 005-20 are used for the thermal compensation of the resistances with positive temperature coefficients and for measurement and control of low temperatures. There are 10 figures.

Card 1/1

ROTH, L.

Ret. R20

Types of thermistors made in Czechoslovakia. Sdel tech 10 no. 3:  
91-94 March '62.



PAUNESCU-PODEANU, A., prof.; ROTH, L., dr.; MICLEA, F., dr.; BALTACEANU, O.,  
dr.

Larval pulmonary forms of rheumatic infection in patients with mitral  
valve disease. Med. intern., Bucur 12 no.10:1513-1522 0 '61.

1. Lucrare efectuata in Clinica a II-a medicala, Timisoara.  
(RHEUMATIC FEVER case reports) (MITRAL VALVE dis.)

ROTH, Ladislav, inz.

Nomogram for determining the temperature relations of a  
conductor resistance. Sdel tech 13 no.1:40, 3 of cover  
Ja '65.

CA

22

Chemical composition of the waters of deep borings in Hungary and Transylvania (Rumania). Károly Telegdi Roth. *Földtani Közlemények* 80, 17-18(1939).—The chem. compn. of 20 water samples (including 107 previously unpublished analyses) is given. The data for waters from artesian wells of the Great Hungarian Plain and from various petroleum wells support the theory of Schmitt, Szádeczky-Károly, and Tomor that the NaCl content of such waters in the Pannon formation gradually decreases with decreasing depth, being related to the gradual diln. of the Pannon salt sea. Among the chem. properties related to petroleum formation, the high NaHCO<sub>3</sub> content of waters is outstanding. The high soda content of the waters of the Bukkstek oil field may be due to a reversible reaction between gaseous CO<sub>2</sub> and NaCl or possibly to a recent formation caused by decompn. of deep eruptive rocks rich in Na, such as diabase. 11 references. István Finály.

L 12830-66

ACC NR: AP6005722

SOURCE CODE: CZ/0082/65/000/003/0239/0239

AUTHOR: Roth, M.; Hanak, L.

ORG: Neurological Clinic, Medical Faculty, J. Ev. Purkyne University, Brno  
(Neurologicka klinika lekarske fakulty UJEvP)

TITLE: Correlation of pneumoperimyelographical and clinical pictures of spinal atrophies [This paper was presented at the meeting of Slovak neurologists at Modra-Harmonia, 25-27 June 64.]

SOURCE: Ceskoslovenska neurologie, no. 3, 1965, 239

TOPIC TAGS: anatomy, neurology, central nervous system

ABSTRACT: X-ray and arterial anatomy of the spine is discussed. 9 patients with spinal restriction near its caudal end are described. Where the pneumoperimyelographical picture is distinct it corresponds topically to the neurological symptomatology. Where the restriction is not too far advanced, the correlation between the clinical and the PMG picture is less obvious. The atrophy in the caudal end of the spine is explained by insufficient blood circulation in the region of the artery of lumbal intumescence.

[JPRS]

SUB CODE: 06 / SUBM DATE: none

Card 1/1

HW

14  
B

ROTH, MIKLOS

ARTERIES--TRANSPLANTATION

Conservation and transplantation of arteries. L. Shin, D. Bertsi,  
D. Gal, E. Ormosh. Khirurgia no. 10:70-75 0 '53

Experimental transplantation of the preserved aorta. Miklos Roth.  
Khirurgia no. 10: 76-78 0 '53

ROTH, Miklós.

Experimental transplantation of the preserved aorta. Khirurgia no.10:76-78  
0 '53. (MLRA 6:11)

1. Iz kliniki usovershenstvovaniya khirurgov (direktor - professor Imre  
Litman) Budapeshtskogo universiteta. (Aorta) (Arteries--Transplantation)

ROTH, MIKLOS

Hungary (USSR)/Medicine - Transplantation Oct 53  
of Blood Vessels

"Experimental Transplantation of Preserved Aorta,"  
Miklos Roth, Clinic of Advanced Training for Sur-  
geons, Budapest

Khirurg, No 10, pp 76-78

This is a brief resume of expts started in 1951. Recent work revealed that whole blood is unsuitable as a preservation medium for arteries. It produced thrombosis in the transplants. Suggests effective preservation medium consisting of Ringer's soln + 10% of blood plasma + 5,000 units of penicillin per 1 ml of soln. Gives 10-14 days as the

273T44

time limit for the preservation of blood vessels. Longer preservation creates the hazard of a rupture of the transplant. Further research in this field is continuing.

273T44

ROTH, Miklos, dr.

Surgery of duodenal diverticulum. *Magy. sebeszet* 7 no.4:286-294  
Aug 54.

1. A Budapesti Orvostudományi Egyetem Sebesztovábbképző Kliniká-  
jának közleménye. Igazgató: Littmann Imre dr. egyetemi tanár.  
(DUODENUM, diverticula  
surg.)



ROTH, M.

"Soviet mathematicians in support of Rumanian mathematicians at the University of Moscow", p. 388; "Issued by the Rumanian Society of Mathematics and Physics, Monthly". (GAZETA MATEMATICA SI FIZICA, SERIA A., Vol. 6, no. 8/9, Aug./Sept. 1954, Bucuresti, Rumania.)

SO: Monthly List of East European Accession, (EEAL), LC, Vol. 4, No. 5, May, 1955, Uncl.

ROTH, Miklos, dr.

Retrosternal extrapleural replacement of the esophagus with the small intestine. Magy. sebeszet 8 no.2:109-112 Apr 55.

1. A Budapesti Orvostudományi Egyetem Sebesztovábbképző Klinikájának közleménye. Igazgató: Littmann, Imre dr. egyet. tanár.

(TRANSPLANTATION,  
intestine, small, esophagoplasty, retrosterna  
extrapleural.)

(INTESTINE, SMALL, transplantation,  
esophagoplasty, retrosternal extrapleural.)

(ESOPHAGUS, surgery,  
esophagoplasty with small intestine.)

ROTH, Miklos, dr.; JONA, Istvan, dr.

Importance of percutan in splenoportographic diagnosis. Orv.  
hetil. 96 no.29:785-790 17 July 55.

1. A Budapesti Orvostudományi Egyetem Sebesztovábbképző Klinikájának  
(igazgató: Littmann Imre dr. egyet. tanár) közleménye.

(ANGIOGRAPHY,

splenoportography, percutan in)

(SPLEEN, blood supply,

splenoportography, percutan in)

(VEINS, PORTAL SYSTEM, radiography,

splenoportography, percutan in)

ROTH, Miklos, dr.

Surgical case of acquired bronchoesophageal fistula. Orv. hetil.  
96 no.52:1448-1449 25 Dec 55.

1. A Budapesti Orvostudományi Egyetem Sebész Továbbképző  
Klinikájának (igazgató: Littmann Imre dr. egyet. tanár) közl.

(ESOPHAGUS, fistula

bronchoesophageal, acquired, non-neoplastic, surg.

(Hun))

(BRONCHI, fistula

same)

(FISTULA

same)