

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510017-4  
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ZSAK, V.

Development of melting furnaces for steel foundries. p. 61.  
KOHASZATI LAPOK. (Magyar Banyaszati es Kohaszati Egyesulet) Budapest.  
Vol 11, no. 3, Mar 1956.

SOURCE: EEAL, Vol 5, no. 7, July 1956.

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V. Z. 5815

7

The Use of Oxygen-Enriched Air in the Operation of Blast-Furnace Converters. V. Zakh. (Izv. Akad. Nauk SSSR, 1960, vol. 5, July, pp. 173-180. (In Russian). The author investigates the factors influencing the carburization of the charge in open-hearth furnaces and converters and calculates the heat generated by the combustion of the various substances in the pig iron when its temperature is increased to 1800° C. These calculations are made for blast-furnace converter blowing ordinary air and for 20% and 35% oxygen enrichment. The importance of application of an oxygen-enriched blast for steel production by the duplex process is discussed.

Common Element

Metallurgical

ASA-SEA METALLURGICAL LITERATURE CLASSIFICATION

GROUP	SECTION	SUBSECTION	ALPHABETIC	NUMERIC
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

The Use of Oxygen-Enriched Air in the Operation of Bessemer Converters. V. Z. G. (Banyasa, ...). *Metallurgical Magazine*, 1940, vol. 8, July, pp. 411-420. (In this section) The author investigates the factors influencing the carburization of the charge in open hearth furnaces and converters and calculates the heat generated by the combustion of the carbon contained in the pig iron when its temperature is increased to 1800° C. These calculations are made for Bessemer converters blowing ordinary air and for 30% and 50% oxygen enriched air. The importance of application of an oxygen-enriched blast for steel production by the duplex process is discussed. p. 4.

ASS. S. I. A. METALLURGICAL LITERATURE CLASSIFICATION

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CA

Use of oxygen in the operation of the Bessemer converter and its future prospects. Viktor Zsák. *Bányász. Kohász. Lapok* 5(83), 413-20(1950). The factors influencing air blasts in open-hearth furnaces and converters are discussed, and the conditions of combustion in Bessemer converters are calculated, when using normal air blasts or blasts with an O content of 30-35%. The latter method makes possible the processing of ordinary white pig iron of low Si content in the converter. Practical tests are required to prove the suitability under conditions prevailing in Hungary. I. P.

C.A.

The manufacture of high-grade steel in Hungary. Viktor  
Zak. *Biznyis. Koshis. Lapok* 3, 103 N(1950). The  
current problems of the production of high grade  
steel are reviewed. E. Gou

ZSAK, V.

Metallurgic works of Reaumur; in commemoration of the 200th anniversary  
of his death. p.380

KOHASZATI LAPOK. (Magyar Banyaszati es Kohaszati Egyesulet)  
Budapest, Hungary  
Vol. 13, no.8, Aug. 1958

Monthly List of East European Accessions (EEAI) IC., Vol. 8, no.7, July 1959  
Uncl.



ZSAK, V.

Works of Marton and Gyorgy Kolozsvari, sculptors and sculpture founders. p219

KOHASZATI LAPOK, (Magyar Bányászati és Kohászati Egyesület)  
Budapest, Hungary  
Vol. 13, no.9, Sept. 1958

Monthly List of East European Accessions (EEAI) I.C., Vol. 6, no.7, July 1959  
Uncl.

ZSAKAY, Stefan

A plaster bed with segmental redressments for the treatment of scolioses. Acta chir. orthop. trauma. Cech. 28 no.2:147-149  
Ap '62.

1. Orthopedické oddelenie Trenč. Teplice, OUNZ Trenčín, prednosta  
MUDr. Stefan Zsakay.  
(CASTS SURGICAL) (SCOLIOSIS ther)

Distr: 4E4j

Physical and chemical study of the formation of species of molybdenum phosphomolybdate in aqueous solutions. R. Nijima and T. Sakai. *Acad. rep. populare Rusec, Bulina (Ch), Studii chim. 7, No. 1-4, 31-42 (1960)*. The following ternary systems were studied by conductometric, potentiometric, and photometric procedures:  $\text{NaH}_2\text{PO}_4\text{-(NH}_4\text{)}_6\text{Mo}_7\text{O}_{24}\text{-H}_2\text{O}$ ;  $\text{H}_2\text{PO}_4\text{-(NH}_4\text{)}_6\text{Mo}_7\text{O}_{24}\text{-H}_2\text{O}$ ;  $\text{H}_2\text{PO}_4\text{-molybdic acid-H}_2\text{O}$ . Heteropoly ions having Mo/P ratios of (1, 1.5, 2.5, 4, and 9) were formed in the 1st and 2nd systems, and of 1, 2, 4, 11, and 13 in the 3rd system. The ion having a Mo/P ratio of 1 is present at pH 2.3-4.0 and the ion having a Mo/P ratio of 9 is formed in solns. where  $[\text{Mo}] < 0.5 \text{ M}$ . The soly. of Na phosphomolybdate is higher than that of the corresponding ammonium salt, and the soly. of the latter decreases with increase in the number of Mo atoms. The intensity of the yellow color of phosphomolybdate increases with the degree of condensation, and the stability of the heteropoly ions increases with increase in acidity. R. Nijima

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*[Handwritten signature]*

ZSAKO, IOAN

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✓ The calculation of the hydrogen-ion concentrations of aqueous solutions of weak and medium strength acids on the basis of their dissociation constants. Zsako Ioan, Acad. Rep. Popular Romania, Filiala Cluj, ~~Stăruie~~ Cluj. Sec. 1, 6, 121-30(1955). Simple equations are given for the calcn. in the case of mono and polyacids, with an error smaller than 0.01 pH units. H. Lăpăniuc

*[Handwritten signature]*

6  
3-1712 (R) (S) (D)  
1-1111 (R) (D)

Distr: 4E2C

The colorimetric study of the heteropoly acids. II. The stability of the molybdophosphoric acids. I. Zeakó, and G. Balogh (Univ. "Bolyai," Cluj, Romania). Acad. rep. populare Române, Filiala Cluj, Studii cercetări chim. 10, 227-31 (1959) (Russian and French summaries, 232); cf. CA 54, 8420f. — The previously described solutions of 0.1M Na<sub>2</sub>PO<sub>4</sub> contg. various quantities of Na<sub>2</sub>MoO<sub>4</sub> were repeated. The absorptions of the solns., however, were detd. with different light filters: blue (420 mμ), green (533 mμ), and red (700 mμ). No essential difference between the absorption spectra of the unacid. and acid. heteropolyacids could be observed. From the results obtained it was concluded that the decolorization of the soln. by H<sub>2</sub>SO<sub>4</sub> is due to the formation of a new compd., probably with PO<sub>4</sub><sup>---</sup>, SO<sub>4</sub><sup>---</sup>, and MoO<sub>4</sub> groups. No sulfuric-molybdic complex could be detected. The calcd. avs. of the relations between the absorptions measured with blue, green, or red filters showed a great difference between the results obtained with HCl and H<sub>2</sub>SO<sub>4</sub>. III. The formation of the phosphomolybdotungstic heteropolyacids in aqueous solutions. I. Zeakó, (Univ. "Bolyai," Cluj, Romania). Ibid. 233-41. — A photocolorimetric study of the system phosphomolybdic acid (I), tungstic acid (II), and H<sub>2</sub>O was performed. Based on the higher stability of the colorless phosphotungstic acid aq. soln. it was expected that II will react with yellow, less stable I, thus reducing the absorption of the soln. The absorptions were detd. for 3 series of solns. In the 1st, the sum of concn. I + II was const.; in the 2nd the concn. of I; and in the 3rd the concn. of II were maintained const., whereas the concn. of the other

component was variable. (II was prepd. by mixing equiv. quantities of Na<sub>2</sub>WO<sub>4</sub> and H<sub>2</sub>NO<sub>6</sub>). The 3 other solns. were prepd. in which WO<sub>4</sub><sup>---</sup> was replaced by MoO<sub>4</sub><sup>---</sup>. The difference in absorption of these solns. and the 1st series of 3 solns. (ΔE) represented a function of the compn. of the system. In all 3 series the curve, ΔE, had a min. at the relation W:P = 4:1, thus indicating the formation of a 4-tungsto-bis(molybdophosphoric acid. A theoretical study of the relation between the extremes of the curves, ΔE and the compn. of the formed compd., was performed and it was found that in case of fairly stable complexes (K<sub>inst</sub> > 10<sup>-4</sup>) the compn. of the system at the extreme of the curve practically coincides with the compn. of the compd. formed. In case of very unstable complexes the extreme of the curve may be considerably displaced. A. Gottlieb

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28

ZSAKO, I.

Computation of hydrogen-ion concentration in electrolytic solutions. II.  
Aqueous solutions which contain several electrolytes are ideal. p. 67.

Academia Republicii Populare Romine. Filiala Cluj. STUDII SI CERCETARI DE  
CHIMIE. Cluj, Rumania. Vol. 9, no. 1/4, Jan./Dec. 1953.

Monthly List of East European Accessions (EEAI) Vol. 8, no. 7, July 1959.

Uncl.

ZSAKO, I.; BALOGH, G.

Colorimetric study of heteropolyacids. II. Stability of phosphomolybdic acids. Studii cerc chimie Cluj 10 no.2:227-232 '59. (EEAI 9:9)

1. Universitatea "Bolyai" - Cluj, Catedrele de chimie generala si chimie-fizica.  
(Acids) (Colorimetry) (Phosphomolybdic acids)  
(Sodium phosphates) (Sodium molybdates)

ZSAKO, I.

Colorimetric study of heteropolyacids. III. Formation of phosphomolybdic tungstic heteropolyacids in aqueous solutions. Studii cerc chimie (EAI 9:9)  
Cluj 10 no.2:233-243 '59.

1. Universitatea "Bolyai" - Cluj, Catedrele de chimie generala si chimie-fizica.

(Colorimetry) (Phosphomolybdic acids)  
(Tungstic acids) (Water) (Solutions)  
(Nitric acid) (Sodium tungstates)



ZHAKO, Ya. [Zsako, I.]; AL'MASHI, L. [Almasi, L.]; DZEGHODZHU, M.  
[Giurgiu, M.]; KHANTS, A. [Hantz, A.]

Physicochemical properties of O,O-dialkyl esters of aryl-  
sulfonamidophosphoric and thiophosphoric acids. Part 1:  
Acidity constants of some O,O-diethyl esters of arylsulfon-  
amidothiophosphoric acids in ethanol-water mixture and the  
applicability of Hammett equation to the above-mentioned  
compounds. Zhur. ob. khim. 35 no.10:1866-1871 O '65.

(MIRA 18:10)

1. Universitet im. Babesha-Boyai i Institut khimii Akademii  
nauk Sotsialisticheskoy Respubliki Rumynii, g. Kluzh.

ZSARA

The behavior of pyrophosphoric acid in aqueous solution. Ripan and J. Zalko, *Acad. Rep. Populare Romina, Bul. Cluj, Stiinta exacta chim.* 7, No. 1-4, 45-52 (1969). From pH and hydrolysis-rate measurements, it was found that, unlike concd. solns. of orthophosphoric acid, no abnormal acidity is found when solns. of 0.25-3.0M pyrophosphoric acid were used. Measurements, performed in a 1N H<sub>2</sub>SO<sub>4</sub> soln. at room temp., showed that the hydrolysis rate of molybdopyrophosphoric acid is much greater than that of pyrophosphoric acid. The hydrolysis of molybdopyrophosphoric and pyrophosphoric acids is a first-order reaction. The hydrolysis rate const. of pyrophosphoric acid is  $4.85 \times 10^{-4}/\text{sec.}$  and for molybdopyrophosphoric acid  $1.31 \times 10^{-3}/\text{sec.}$  Thus, it was proved that the presence of Mo groups within the coordination sphere of P atoms in pyrophosphoric acid results in an instability of the P-O-P bond. R. Mavrodineanu

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Distr: uE2c

✓ The hydrolysis of polyphosphoric acids and the problem of the existence of the acid  $H_4(PO_4)_2$ . (Janos Zsigmondy, *Studia Univ. Victor Babeş et Bolyai* 3, No. 4, Ser. 1, No. 1, 69-76 (1958)).—The abnormal acidity of concd. solns. of  $H_4(PO_4)_2$  is attributed either to the formation of polyphosphoric acids or to the formation of the acid  $H_4(PO_4)_2$ . The probability of the 1st hypothesis is small owing to the instability of polyphosphoric acids; the 2nd hypothesis appears possible. Although the ratio of ionic radii of  $P^{5+}$  and  $O^{2-}$  indicates a coordination no. 4, it is possible to have for the same ratio a coordination no. 6 under special circumstances ( $Cs_2GeCl_6$ ). The following observations are made on measurements at various intervals of the pH of a mixt. of polyphosphoric acids (5M  $P_2O_5/A.$ ), and by simultaneous detn. of the compn. of the mixt: (a) The pyro- and the triphosphoric acids are hydrolyzed even in very concd. solns., and the final product is  $H_4(PO_4)_2$ . (b) Hydrolysis in very concd. solns. is characterized by a decrease in pH, in contrast to the hydrolysis in dil. solns. where the pH increases. The data indicate that: (a) Hydrolysis of polyphosphoric acids in concd. solns. results in a strong acid as the final product, which is probably  $H_4(PO_4)_2$ . (b) Of the phosphoric acids, only the ortho presents an abnormality in concd. solns., behaving as a strong acid; hence it may be concluded that a coordination no. 6 is not possible at quinquivalent P if the coordinated group is greater than O. Robert A. Sanford

✓ Physicochemical study of the formation of the molybdo-  
pyrophosphate in aqueous solutions. B. Blyuz and  
A. A. Zait, *Tr. populyarnykh seminarov, Sibirskiy  
institut khim.* 8, No. 1-3, 7-18 (1987). The following  
systems were studied by conductometric, colorimetric, and  
potentiometric methods:  $H_2P_2O_7-(NH_4)_2MoO_4-H_2O$  (I)  
and  $H_2P_2O_7$ -molybdic acid- $H_2O$  (II). The exptl. methods  
used were described earlier (cf. preceding abstr.). The  
hydrolysis of pyrophosphoric acid to give orthophosphoric  
acid was taken into account. The rate of hydrolysis in-  
creases in the presence of molybdates. By making the  
physicochem. measurements immediately after prepn. of  
the soln. it was possible to reduce hydrolysis to a min. In  
I 1-, 3-, and 5-molybdopyrophosphates occur, whereas  
in II 1-, 4-, 6-, 12-, and 18-molybdopyrophosphates occur.  
Six of these 7 complex ions were not known previously and  
only the 12-molybdopyrophosphate is known in salt form  
in the solid state. Colorimetric studies show that the  
intensity of the yellow color of the molybdopyrophosphates  
increases with increasing degree of coordination, except  
for 18-molybdopyrophosphoric acid which has an intensity  
similar to the 12 acid. The extinction of the soln. in D  
when the ratio  $Mo/P_2O_4^{4-}$  is between 3 and 19 is anomalous  
in that the extinction max. is displaced. When the ratio  
reaches 18/1, an inflection in the curve is observed and  
optn. occurs. This phenomenon is not caused by hydrolysis  
of pyrophosphoric acid but seems to be due to an intra-  
molecular transformation. A. Berlin

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ZSAKO, I.; ALMASI, Lucretia; GIURGIU, M.; HANTZ, A.

Constancy of acid dissociation of the O,O-diethylester of the p-iodine-phenyl-sulfonamidothiophosphoric acid in ethanol-water mixtures. Studii cerc chimie Cluj 14 no.2:271-280 '63.

1. Chair of Physical Chemistry, "Babes-Bolyai" University, Cluj, and the Institute of Chemistry, Rumanian Academy, Cluj Branch.

HUNGARY/General Problems of Pathology - Tumors. Comparison  
Oncology. Human Neoplasms

U

Abs Jour : Ref Zhur Biol., No 1, 1959, 4362

Author : Zsanbeky, P., Farkas, E.

Inst : -

Title : An Isolated Lymphogranulomatoma of the Spleen

Orig Pub : Orv. hetilap, 1955, 96, No 23, 637-639

Abstract : A case of isolated lymphogranulomatosis of the spleen  
in a 78-year-old woman is described. A considerable en-  
largement of the spleen was established at the autopsy;  
its dimensions were 22 x 14 x 15 cm, and the weight was  
1050 g. -- F. Gati

END

#1793

Card 1/1

- 59 -

SZELL, Kalman, Dr.; ZSAMBEKY, Pal, Dr.

Early and late postoperative hemorrhages of the stomach. Orv. hetil.  
99 no.52:1816-1822 28 Dec 58.

1. Vas megye Tanácsa "Markusovszky" Kórháza (igazgató: Kádas László dr.)  
I. sz. Sebészeti osztálynak (főorvos: Szabolcs Zoltán dr.) és I. sz.  
Belgyógyászati osztálynak (főorvos: Vasarhelyi Béla dr. egyet. m. tanár)  
közleménye.

(STOMACH, surg.)

compl., early & late postop. hemorrh. (Hun))

LUDWIG, Karoly, dr.; ZSAMBEKY, Pal, dr.; ISTVAN, Lajos, dr.

Hematologic and diagnostic aspects of our cases of systemic lupus erythematosus (Based on a 4-year observation of 22 patients.). Orv. Hetil. 105 no. 23:1058-1063 Ju 7 '64.

1. Országos Verellata Szolgálat, Szombathelyi Alkózpont,  
Vas megyei Tanács Markusovszky Kórház, Haematologiai és  
I. Belgyógyászati Osztály.



ZUBAKOV, V.A.

Correlating Quaternary deposits of the glacial and extraglacial  
zones of the Yenissy Valley, Siberia. Dokl. AN SSSR 120 no. 5:1093-  
1094 Je '58. (MIRA 11:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut.  
Predstavleno akademikom V.N.Sukachevym.  
(Yenissy Valley--Geology, Stratigraphic)

ZSAKO,

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CIA-RDP86-00513R002065510017-4  
CIA-RDP86-00513R002065510017-4"

RUMANIA/Inorganic Chemistry - Complex Compounds.

C.

Abs Jour : Ref Zhur - Khimiya, No 10, 1958, 31978  
Author : I. Zsako  
Inst : Academy of Sciences of Rumania, Cluj Branch.  
Title : Chronic-Phosphoric Acids.  
Orig Pub : Studii si cercetari chim. Acad. RPR Fil. Cluj, 1956,  
No 1-4, 53-59  
Abstract : The conductometric investigation of the system  $H_3PO_4 - H_2CrO_4 - H_2O$  revealed the existence of complex ions of three kinds, in which the ratio Cr : P is equal to 1 : 1, 2 : 1 and 4 : 1. It was established that the stability of heteropolyacids of orthophosphoric acid rises in the order Cr - Mo - W.

Card 1/1

ZSAKO, I.

RUMANIA / Physical Chemistry. Solutions. Theor.  
of Acids and Bases.

B

Abs Jour: Ref Zhur-Khimiya, No 11, 1958, 35522.

Author : Zsako Ioan

Inst : Not given

Title : Calculation of the Concentration of Hydrogen Ions in Dilute Aqueous Solutions and the Mean Acid Strength on the Basis of Dissociation Constants.

Orig Pub: Studii Si Cercetari Sciint. Acad. RPR Fil. Cluj.  
Ser. I., 1955, 6, No 3-4, 121-130.

Abstract: A general equation of the 6th order for the calculation of the concentration of hydrogen ions  $[H^+]$  has been investigated considering the water

Card 1/2

KERPEL-FRONIUS, E.; MESTER, A.; SZY, S.; BARKA, I.; ZSALAR, R.; KELEMEN, I.

Resorption of sugar and fat in experimental anhydremia and hypothermia. Acta med. hung. Suppl. 6 no.1:73-75 1954.

1. Kinderklinik der Medizinischen Universität, Pecs.

(BLOOD

anhydremia, eff. on gastrointestinal resorp. of sugar & fat in hypothermia)

(GASTROINTESTINAL SYSTEM, physiol.

absorp. of sugar & fat, eff. of anhydremia & hypothermia in rats)

(BODY TEMPERATURE

hypothermia, exper., eff. on gastrointestinal absorp. of sugar & fat in rats)

(DEHYDRATION, exper.

eff. on gastrointestinal absorp. of sugar & fat in hypothermic rats)

(GLUCOSE, metab.

gastrointestinal absorp., eff. of anhydremia & hypothermia in rats)

(FATS, metab.

gastrointestinal absorp., eff. of anhydremia & hypothermia in rats)

KERPEL-FRONIUS, Odon, dr.; BARKA, Ilona, dr.; MESTER, Antal, dr.; ZSAMAR,  
Erzsebet, dr.; SZY, Sandor, dr.; KELEMEN, Ilona, dr.

The resorption in experimental anhydremia and hypothermia. Orv. hetil.  
95 no.47:1292-1296 21 Nov 54.

1. A Pecsí Orvostudományi Egyetem Gyermekklinikájának (igazgató:  
Kerpel-Fronius Odon, dr. egyet. tanár) közleménye.

(FAT, metab.

gastrointestinal absorp. in exper. anhydremia & hypothermia  
in rats)

(GLUCOSE, metab.

gastrointestinal resorp. in exper. anhydremia & hypothermia  
in rats)

(BLOOD

anhydremia, eff. on glucose & fat resorp. by intestines  
in rats)

(BODY TEMPERATURE

hypothermia, exper., eff. on gastrointestinal glucose &  
fat absorp. in rats)

(WATER, in blood

defic., exper., eff. on gastrointestinal glucose & fat  
absorp. in rats)

ZSADANYI, G.

The register of street highways.

p. 210 (Kozlekedestudományi Szemle) Vol. 7, No. 6, June 1957, Budapest, Hungary

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

HUNGARY/Nuclear Physics - Installations and Instruments. C  
Methods of Measurement and Research

Abs Jour : Ref Zhur Fizika, No 8, 1959, 17148

Author : Kantor, Karoly; Zsdanszky, Kalman

Inst : -

Title : Automatic Cloud Chamber for the Investigation of Cosmic Rays

Orig Pub : Magyar fiz. folyoirat, 1958, 6, No 3, 191-208

Abstract : A thorough study is made of problems of the construction, preparation, and adjustment of an automatic cloud chamber, controlled by Geiger-Muller counters. The separate units of the chamber and the control circuits are described.

ZSAK, Zoltan (Budapest, H., Kiserokus u.15)

Results in seed investigation concerning the Nagyarpad finds  
from the Bronze Age. Botan kozl. 48 no.3/4:284-288 '60.

RUMANIA/Physical Chemistry - Solutions. Theory of Acids and Bases. B

Abs Jour : Ref Zhur Khimiya, No 19, 1959, 67341

Author : Zsako, I.

Inst : Rumanian Academy, Cluj Affiliate

Title : Calculation of Hydrogen Ion Concentration in Solutions of Electrolytes. II. Ideal Aqueous Solutions of Several Electrolytes.

Orig Pub : Studii si cercetari chim. Acad. RFR Fil. Cluj., 1958, 9, 1-4, 67-77

Abstract : It was established that in solutions of electrolytes the concentration of any ion (except  $H^+$  and  $OH^-$  as well as the concentration of undissociated acid and base molecules may be expressed as the product of the dissociated fraction of the particle in question and of its concentration. The dissociated fraction is determined as the

Card 1/2



Data on the diagnosis and therapy of solitary liver abscesses. Orv. hetil.  
99 no.33:1147-1150 17 Aug 58.

1. A Van Megyei Tanacs "Markusovasky" Korhaza I. sz. Belgyogyaszati  
Osztalyanak (foorvos: Vasarhelyi Bela dr.) es Montgenosztalyanak (foorvos:  
Hutas Imre dr.) kozlemenye.

(LIVER, abscess  
solitary, diag. & ther., case reports (Hun))

SOLYMOS, Bela, Dr.; VASARHELYI, Bela, Dr.; VASARHELYI, Pal, Dr.

Causes of atherosclerosis developing in hypertension. Orv. hetil.  
98 no.32:373-375 11 Aug 57.

1. A Vaszkaly Erika "Markovitsky" Korhaza (igazgato-fervos:  
Szvoda Jenő dr.) I. sz Belosztalyank (fervos: Vasarhelyi Bela dr.)  
es Kozonti laboratoriumanak (Solyoss Bela dr.) kozlemenye.

(ARTERIOSCLEROSIS, etiol. & pathogen.

hypertension, determ. of blood lipid changes (Hum))

(HYPERTENSION, compl.

arteriosclerosis, determ. of blood lipid changes (Hum))

(LIPID, in blood

in arteriosclerosis complicating hypertension (Hum))

NAGY, Margit, dr.; ZSAMBEKY, Pal, dr.; PINTER, Gyorgyne, dr.

Our experiences with epidemic ornithosis. Orv. hetil. 104  
no.48:2271-2274 1 D '63.

1. Vas megyei Tanacs "Markusovszky" Korhaz, Fertozo, I Belgyo-  
gyaszati es Tudobelgyogyaszati Osztaly.  
(ORNITHOSIS) (POULTRY DISEASES)  
(PNEUMONIA, VIRAL) (THORACIC RADIOGRAPHY)  
(OXYTETRACYCLINE) (OCCUPATIONAL DISEASES)

HUTAS, Iure, dr.; ZSAMBEKY, Pal, dr.

Certain problems in scleroderma. *Magy radiol.* 12 no. 4:193-303  
N '60.

1. Vas megye Tanácsa "Markusovszky" Korháza (igazgató főorvos:  
Cselko László dr.) Röntgenosztályának (főorvos: Hutás Iure dr.)  
és I. Belgyógyászati Osztályának (főorvos: Vasmárhelyi Béla dr.)  
közleménye.  
(SCLERODERMA)

HUNGARY/Pharmacology and Toxicology - Toxicology.

7-10

Abs Jour : Ref Zhur - Biol., No 14, 1958, 66484

Author : Kadas, L., Zsambeky, A.

Inst : Hungarian Academy of Science

Title : The Hormonal Therapy of Mercury Bichloride Poisoning.  
An Experimental Study.

Orig Pub : Acta med. Acad. sic. hung., 1956, 9, No 4, 363-379.

Abstract : Male rats weighing 250-300 g were given 5 ml of a 0.1% solution of mercury bichloride (I) into the stomach through a catheter. Simultaneously, 0.25 mg. of cortisone (II) or ACTH alone, or ACTH with II, or 0.05 mg of testosterone (III) or 1.5 ml of BAL were administered b.i.d. for 18 days. Two to 9 days after poisoning the mortality rate among the experimental rats, as compared to controls, was decreased and was 30% in those which had

Card 1/2

KADAS, Laszlo; ZSAMBEKY, Pal

New experimental data on the hormone therapy of sublimate poisoning.  
Kiserletes orvostud. 9 no.3:246-254 July 57.

1. Vas megyei Tanacs Markusovszky Korhas Prosecturaja es I. sz.  
Belgyogyaszati Osztalya.

(MERCURY, tox.

mercuric chloride, eff. of ACTH, cortisone, dimercaprol  
& testosterone in exper. pois. in rats (Hun))

(ACTH, eff.

on exper. mercuric chloride pois. in rats, with cortisone  
(Hun))

(CORTISONE, eff.

on exper. mercuric chloride pois. in rats, with ACTH (Hun))

(DIMERCAPROL, eff.

on exper. mercuric chloride pois. in rats (Hun))

(TESTOSTERONE, eff.

same)

HUTAS, Imre, dr.; ZSAMBEKY, Pal, dr.

Tracheopathia chondro-osteoplastica. Magy. radiol. 9 no.1:17-22 Apr 57.

1. Vas megyei Tanacs Korhaza (igazgato: Szvoboda Jenő dr. főorvos)  
Röntgenosztálynak (főorvos: Hutas Imre dr.) és I. sz. Belgyógyászati  
Osztálynak (főorvos: Vasarhelyi Béla dr.) közleménye.

(TRACHEA, dis.

tracheopathia chondro-osteoplastica, radiodiag. (Hun))

ZSAMBKY, Pal, dr.; FARKAS, Elemer, dr.

Isolated lymphogranulomatosis of the spleen. Orv. hetil. 96 no.23:  
637-639 5 June 55

1. A Vas megyei Tanacs Markusvaszky Korhaza, Szombathely (igazgato:  
Szvboda Jenő dr.) I. sz. Belgyogyaszati Osztalyanak (foorvos:  
Vasarhelyi Bela dr.) es Prosecturajanak (foorvos: Kadas Laszlo dr.)  
kozlemeny.

(HODGKIN'S DISEASE,  
spleen, isolated)

(SPLEEN, neoplasms,  
Hodgkin's dis., isolated)



ISTVAN, Lajos, dr.; ZSAMBEKY, Pal, dr.

Peritoneal dialysis. Orv. hetil. 97 no.19:507-513 6 May 56.

1. Vas megyei Tanacs Markusovasky Korhaza (igazgato-foorvos: Szyoboda, Jeno, dr.) Vertransfusios (foorvos: Istvan, Lajos, dr.) es I. sz. Belgyogyaszati Osztalyanak (foorvos: Vasarhelyi, Bela, dr.) kozlemenye.

(DIALYSIS

peritoneal, in renal insuff. (Hun))

(KIDNEYS, dis.

insuff., ther., peritoneal dialysis (Hun))

ZSAMBKY, Pal, dr.; FARKAS, Mleser, dr.

Isolated lymphogranulomatosis of the spleen. Orv. hetil. 96 no.23:  
637-639 5 June 55

1. A Vas megyei Tanacs Markusvassky Korhaza, Szombathely (igazgato:  
Szyboda Jenő dr.) I. sz. Belgyógyászati Osztályának (főorvos:  
Vasarhelyi Béla dr.) és Prosecturájának (főorvos: Kadas László dr.)  
közleménye.

(HODGKIN'S DISEASE,  
spleen, isolated)  
(SPLEEN, neoplasms,  
Hodgkin's dis., isolated)

ZSAMBEKY, Pal, dr.,; PARKAS, Mlemer. dr.

Isolated lymphogranulomatosis of the spleen. Orv. hetil. 96 no.23:  
637-639 5 June 55

1. A Vas megyei Tanacs Markusvazky Korhaza, Szonbathely (igazgato:  
Szvboda Jenő dr.) I. sz. Belgyogyaszati Osztalyanak (foorvos:  
Vasarhelyi Bela dr.) es Prosecturajanak (foorvos: Kadas Laszlo dr.)  
kozlemenyse.

(HODGKIN'S DISEASE,  
spleen, isolated)

(SPLEEN, neoplasms,  
Hodgkin's dis., isolated)

**ZSAMBEKY, Pal, dr.; MOLNAR, Miklos, dr.; PATAKY, Gyorgy, dr.**

**New data on the problem of porphyria. Magy. helyv. arch.  
9 no.1:12-17 Feb 56.**

**1. Vas megyei Tanacs, Markusovszky Kórház Szombathely  
(igazgató: Szvoboda, Jeno dr.) I. sz. Belosztályának (főorvos:  
Vasarhelyi, Bela dr.) és Kósponti Laboratóriumának (főorvos:  
Solymoss, Bela dr.) közl.**

**(PORPHYRIA**

**various forms, differ. diag. & ther. (Hun))**

ZSAMBOKY, Jozsef

Application of physical gas analysis in the automation of food  
industry technological processes. Elela ipar 18 no.8/9:287-289  
Ag-S '64.

1. Instrument Industry Research Institute, Budapest.

**ZBARKO, Ferenc**

**Air pollution reduction in Pecs. Pecsí mész szentl 6 no.1:12-15 Ja-  
Mr '61.**

PAPP, Andras, dr.; VAMOS, Geza, dr.; ZSARNAY, Albert

Our experiences with training courses for technicians.  
Tuberkulozis 16 no.4/5:131-133 Ap-May '63.

1. Az Ailami Fodor Jozsef Tbc Gyogyintezet kozlomenye.  
(TUBERCULOSIS, PULMONARY)  
(OCCUPATIONAL THERAPY)  
(REHABILITATION)  
(VOCATIONAL EDUCATION)

**ZSARNAY, Tibor**

Questions relating to the construction of water power plants  
and hydraulic energy accumulators with the view of the  
efficiency in investments. Hidrológiai közlöny 38 no.4:  
273-281 Ag'58.



ZSARNAY, T.

Reduction of prime cost and the power economy. n. 241  
(MAGYAR ENERGIAGAZDASAG. Vol. 3, no. 7, July 1955. Budapest.)

SO: Monthly List of East European Accession. (EEAL). Lc. Vol. 4 Nov. 11 Nov. 1955 Uncl.

ZSARNAY, T.

Geography & Geology

"HIDROLOGIAI KÖZLÖNY. HYDROLOGICAL JOURNAL"

Problems related to the construction of water-power plants and hydraulic accumulators  
from the viewpoint of the effectiveness of investments. p. 253

Vol. 33, No. 4, Aug. 1958

Monthly List of East European Accessions (EMAI), LC, Vol. 3, No. 4, April 1959  
Unclas.

ZSARNAY, T.

Hidrologiai Kozlony. (Magyar Hidrologiai Tarsasag) Budapest.  
Vol. 09, no. 2, 1958.

Problems related to the construction of water-power plants and hydraulic accumulators  
from the viewpoint of the effectiveness of investments. p. 273.

SO: Monthly List of East European Accessions (EMAL) LC, Vol. 8, No. 4, April 1959.  
Uncl.

ZSARNAY, T.

Decrease of prime cost and the power economy. p. 138.  
EMITOANYAG, Budapest, Vol. 7, no. 4, Apr. 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955,  
Uncl.

ZSARY, A. (Budapest, XI., Muegyetem rakpart 3); KABAI, I.  
(Budapest, XI., Muegyetem rakpart 3)

Endurance test on cogwheels. Periodica polytechn eng 7  
no.4:299-321 '63.

1. Lehrstuhl für Maschinenelemente der Technischen Uni-  
versität, Budapest. Vorgelegt von Prof. Dr. I. Vörös.

ZSARY, Arpad (Budapest, XI., Magyarom rakpart 3)

Tension tests on closed connecting rod heads. Pt.1. Periodica  
polytechn eng 8 no.3:325-342 '64.

1. Lehrstuhl fur Maschinenelemente, Technische Universitat, Budapest.  
Submitted February 29, 1964.

ZSARY, Arpad, okleveles gépészmérnök, egyetemi docens

Optical stress tests on divided connecting bar heads. Járnu  
mezo gép 12 no.1:2-12 Ja '65.

ZSARY, Arpad, okleveles gépészmérnök

Fatigue test of connecting rod materials. Gép 16 no. 3:103-110  
Mr '64.

1. Chair of Machine Elements, Budapest Technical University.



KABAI, Imre, kutatomernok; ZSARY, Arpad, docens

Fatigue testing methods and values of wheel root fatigue in steel toothed wheels. Gep 16 no.12:461-473 D '64.

1. Scientific Research Institute of Automobile Transportation, Budapest (for Kabai). 2. Chair of Mechanics and Machine Elements of the Technical University of Building and Transportation, Budapest (for Zsary).

ZSARY, Antal, oklevules gepeszmernok

Fatigue tests on wrist pins. Jarmu mezo gep 12 no.3:81-87 Mr '65.

ZSAVORONKOV, N. M. [Zhavoronkov, N. M.]

Chemical engineering in the Soviet Union. Magyar lap 19  
no. 2: 59-66 F '64.

1. D. I. Mendelejev Vegyipari Intezet, Moszkva.

Schacke, F. H.

The employment of boric oxide in the glass industry.

Glashutte, Vol. 59, pp. 846-9; Chem. Zentr. Vol. 1930, I, p. 679.

Chem. Abs., Vol. 25, p. 2256



H/012/60/000/012/001/001  
B009/B057

AUTHOR: Zsdánszky, Kálmán  
TITLE: Development of Nuclear and Isotope-technical Instruments in  
Hungary  
PERIODICAL: Mérés és Automatika, 1960, Vol. 8, No. 12, pp. 365-367

TEXT: This is a summary of the development of home-produced nuclear and isotope-technical instruments, based on tests conducted by the National Bureau of Metrology. The Central Research Institute of Physics of the Hungarian Academy of Sciences, established in 1950, developed some instruments for physical research. The commercial production of some of these, which were applicable in other fields of isotope technique, started in 1954. In 1938 the Eötvös Loránd Radium and X-Ray Institute constructed a "portable" dose meter weighing 120 kg (Fig. 1). In 1955 the Metrimex Foreign Trade Enterprise exhibited in Moscow 10 Hungarian nuclear instruments and accessories. In 1960, 80 types of such instruments were being produced in Hungary. Such instruments and accessories had to meet specific requirements: transformers and connectors of some kv with minimum

Card 1/3

Development of Nuclear and Isotope-technical  
Instruments in Hungary

H/012/60/000/012/001/001  
B009/B057

leakage current, insulation resistances of about  $10^{12}$  ohms were needed; dose and dosage rate meters had to be portable and transistorized. Some geophysical sounding instruments had to be used over a wide temperature range. Geiger-Müller tubes and scintillation crystals were required. The National Bureau of Metrology had to tool up for the absolute measurement of X-ray and radioactive radiation units in the 60 keV - 200 keV energy range for the development of national reference standards for the examination of the energy spectrum of  $\gamma$ -emitters, for impulse tests (measurement of resolving power, of overload capacity, and linearity of impulse amplifiers), for the measurement of the activity of  $\gamma$ -emitters. Instruments are standardized to meet dimensions of the standard 19" rack, dose meters have to meet the specifications of the Dosimetric Symposium held under the auspices of the International Atomic Energy Agency, Vienna 1960. The Central Research Institute of Physics elaborated specifications for rectifiers used in nuclear instruments. The Committee of Nuclear Instruments of the Scientific Institute for Measuring Technique and Automation, the Committee for Instrumentation and Measuring Technique, and the National Bureau of Metrology are helpful in development. Basic types of instruments are being developed; instruments used for specific

Card 2/3

ZSDANSZKY, Kalman

Development of nuclear instruments and isotope techniques in Hungary.  
Meres automat 8 no.12:365-367 '60.

1. Az Orszagos Meresugyi Hivatal tudomanyos osztalyvezetoje.



19  
3  
Automatic Wilson chamber for cosmic-ray research  
Károly Kántor and Kálmán Zsidovits. Magyar Fizika  
Folyóirat 6, 191-200 (1953) (in Hungarian). An electrically  
controlled Wilson cloud chamber was constructed. The  
signal was given by a coincidence unit. The Geiger-Müller  
tubes were arranged below and above the sensitive vol. of  
the cloud chamber. Schematic diagrams of the circuit and  
photographs of the parts and of the whole chamber are given.  
E. Kántor

ZSDANSZKY, K.; KANTOP, F.

"Automatically-operating Wilson Chamber for the investigation of cosmic radiation." p. 191.

MAGYAR FIZIKAI FOLYOIRAT. (Magyar Tudományos Akademia). Budapest, Hungary,  
Vol. 6, No. 3, 1958.

Monthly list of East European Accessions (FEAT), LC, Vol. 8, No. 8, August  
1959.  
Uncla.

HUNGARY/Electricity - General

G-1

Abs Jour : Ref Zhur - Fizika, No 5, 1958, No 10869

Author : Koch Hozsef, Zsdanszky Kalman

Inst : Not Given

Title : Compensation Method for Measuring Large Voltages

Orig Pub : Magyar fiz. folyoirat, 1957, 5, No 3, 245-246

Abstract : No abstract

Card : 1/1

Festival of Soviet films in our motion-picture theaters. p. 17., (REFUTES,  
Budapest, Hungary), Vol. 3, No. 1, Jan. 1955.

SO: Monthly List of East European Acquisitions, (SEAL), LC, Vol. 4, No. 5,  
May 1955.

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510017-4  
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510017-4"

ZSEBŐK, Janos, nyugalmazott cukorgyári penztáros

The 90-year-old Acs Sugar Factory. Cukor 14 no. 8:227-228  
Ag '61.

**ZSEBOK, Z.**

Neurotrophic bone deformations. *Magy. radiol.* 4 no. 1:23-32  
Feb 1952. (CIMA, 22:4)

1. Doctor. 2. Roentgen Department (Head Physician -- Prof.  
Dr. Zoltan Zsebok, Second Surgical Clinic (Director -- Prof.  
Dr. Endre Hedri), Budapest Medical University.

ZSEBOK, Z.

Angiography od tumours of the extremities. Acta chir. acad. sci.  
Hung. 4 no. 4: xiv-xix '63

\*

**ZSEBOK, Z.**

~~SECRET~~  
The excretion of intravenous cholecystographic media and a comparison with liver function tests. Orv. hetil. 93 no. 16:471-474  
20 Apr 1952. (CLML 23:3)

1. Doctor. 2. Roentgenological Department (Head Physician -- Prof. Dr. Zoltan Zsebok), Second Surgical Clinic (Director -- Prof. Dr. Endre Hedri), Budapest Medical University.



ZSEBOK, Z.; ZOLTAN, L.

Roentgenotherapy of brain tumors. *Magy. radiol.* 5 no.2:87-92 May 1953.  
(*CLIN* 24:3)

1. Doctors. 2. Second Surgical Clinic (Director -- Prof. Dr. Andre Hedri) and the Roentgen Department (Head -- Docent Dr. Zoltan Zsebok) of the Nerve Surgery Institute (Head -- Docent Dr. Ianslo Zoltan), Budapest Medical University.

GEROELY, E.; ZSEBOK, Z.

Diagnosis of gastric cancer and surgical findings. Orv. hetil, 94  
no. 42:1165-1168 18 Oct 1953. (CIML 25:5)

1. Doctors. 2. Second Surgical Clinic (Director -- Prof. Dr. Endre  
Hedri), Budapest Medical University.

859. ZSEBÖK Z., MOLNÁR R. and GERGELY M. 1. chir. Klin. und 2. chir. Klin., med. Univ., Budapest. \* Über die Rolle der Röntgenuntersuchung bei der Differentialdiagnose der Appendicitis. The value of X-ray examination in the differential diagnosis of appendicitis. ACTA MED. ACAD. SCIENT. HUNG. (Budapest) 1954, 6/suppl. 1 (101-102). Illus. 1

In 80% of the patients with the diagnosis of chronic appendicitis, the appendix was not filled with radiopaque substance. In 20% filling was observed.

Röhrl - Kiel

ZSEBOR, Zoltan, dr., az orvostudományok kandidátusa

Röntgen diagnosis of cranial injuries. IK. Magyar, radiol. 6 no.4:  
150-154 Oct 54.

1. A Budapesti Orvostudományi Egyetem II. sz Sebészeti Klinika  
(igazgató: Hadri Endre dr. egyetemi tanár) röntgenosztályának  
közleménye.

(CRANIUM, wds. & inj.  
diag., x-ray)

(WOUNDS AND INJURIES  
cranium, diag., x-ray)

ZSEBOK, Zoltan, dr.; MOLNAR, Renso, dr.

Problems in radiotherapy of cervical cancer. Magyar. oncol. lap.  
17 no.3:160-166 May 54.

1. A Budapesti Orvostudományi Egyetem II. sz. Sebészeti Klinikája  
(igazgató: Hedri Endre dr. egyetemi tanár) Röntgenosztályának  
(főorvos: Zsebok Zoltan dr. kandidátus) és II. sz. női klinikájának  
(igazgató: Zoltan Imre dr. egyetemi tanár) közleménye.

(CERVIX, UTERINI, neoplasma,  
ther., radiol.)

(RADIOTHERAPY, in various diseases,  
cancer of uterine cervix)

ZSEBOK, Zoltan, dr.; MOLNAR, Rezsó, dr.

Problems in radiotherapy of cervical cancer. II. Methods of radiotherapy. *Magy. noorv. lap.* 17 no. 5: 276-288 Sept 54.

1. A Budapesti Orvostudományi Egyetem II. sz. Sebészeti Klinikája (Igazgató: Hedri Endre dr. egyetemi tanár) Röntgenosztályának (Főorvos: Zsebok Zoltan dr. candidatus) és II. sz. Női klinikájának (Igazgató: Zoltan Imre dr. egyetemi tanár) közleménye.  
(RADIOTHERAPY, in various dis.  
cancer of cervix, methods & results (Hun)  
(CERVIX, UTERINE neoplasms  
radiother., methods & results)

ZSEBOK, Zoltan; GERGELY, Rozso; GERGELY, Magda

\*\*\*\*\*

Effect of contrast media used in angiocardiology on vasomotor and respiratory function. Orv hetil 95 no.13:352-354 Nr '54.  
(HEAL 318)

1. A Budapesti Orvostudományi Egyetem II. sz. sebészeti klinikájának (igazgató: hadri Endre dr. egyetemi tanár) közleménye.  
(BLOOD PRESSURE, eff. of drugs on  
\*contrast media used in angiocardiology)  
(ANGIOGRAPHY  
\*angiocardiology, eff. on blood pressure & resp. in animal)  
(RESPIRATION, eff. of drugs on  
\*contrast media used in angiocardiology)  
(CONTRAST MEDIA  
\*in angiocardiology, eff. on blood pressure & resp. in animal)

ZSEBOK, Zoltan, dr.; CSOKA, Imre, dr.

Modern bronchography. Orv hetil 95 no.21:582-585 My '54. (REAL 3:8)

1. A Budapesti Orvostudományi Egyetem II. sz. Sebészeti Klinikája  
(igazgató: Hadri Endre dr. egyetemi tanár) röntgencsontalyanak  
(vezető: Zsebok Zoltan dr. kandidátus és az Allami Kórházi Tudorbeteg  
szanatórium (igazgató: Dessauer Pál dr.) közleménye.

(BRONCHI, radiography

\*contrast media, iodopyracet)

(CONTRAST MEDIA

\*iodopyracet, in bronchography)



ZSEBOK, Zoltan, dr.

Pioneers in Hungarian radiology: Dr. Vilmos Czunft, 1897-1945.  
Magy. radiol. 7 no.4:193-197 Oct 55.

1. Kossuth-dijas egyetemi docens.  
(BIOGRAPHIES  
Czunft, Vilmos.)

ZSEBOK, Z.,; SZABADKAI, F.

Significance of roentgenographic examination in diagnosis of peptic ulcer. Acta med. hung. 8 no.1:61-80 1955.

1. Rontgenabteilung der I. Chirurgischen Universitätsklinik, Budapest.

(PEPTIC ULCER, diagnosis,  
x-ray)

540. ZSEBÖK Z. 1.chir. Univ.-Klin., neurochir. Inst., Budapest. \*Röntgenbehandlung bei Hirntumoren mit besonderer Hinsicht auf die neuronalen Geschwülste. X-ray therapy in cerebral tumours with special regard to neuroectodermal tumours ARCH.GESCH.FORSCH. 1955, 8/3 (246-257) Graphs 4 Tables 2 Illus. 3  
During 52 months in the years 1948-1952, a total of 168 patients were treated with X-ray therapy for a brain tumour, 101 of them being neuroectodermal tumours. In every case, doses of 3,000 to 10,000 r. were applied without radiation injuries. Inoperable patients were ameliorated and often able to work after treatment.

Körbler - Zagreb (V, 8, 1)

ZSEBOK, Zoltan, dr.; MOLNAR, Rezzo, dr.

Alterations of the sigmoid flexure in relation to adnexitis.  
Magy. noorv. lap 18 no.5:257-262 Sept 55.

1. A Budapesti Orvosegyetem I. sz. Sebészeti Klinikája (Igazgató:  
Hedri, Endre dr. egyetemi tanár) Röntgenosztályának (Vezető:  
Zsebok, Zoltan dr. egyetemi docens) és II. sz. Női Klinikájának  
(Igazgató: Zoltan, Imre dr. egyetemi tanár) közleménye.

(COLON, diseases

sigmoiditis in adnexitis, x-ray diag.)

(ADNEXITIS, complications

sigmoiditis, x-ray diag.)

ZSEBOK, Zoltan, dr.

The problem of protection against roentgen rays. Orv. hetil. 96  
no.39:1077-1081 25 Sept 55

1. A Budapesti Orvosegyetem I. sz Sebészeti Klinika (igazgató:  
Hedri Endre dr. egyet. tanár) Röntgenosztályának (vezető: Zsebok  
Zoltan dr. egyetemi docens) közleménye  
(ROENTGEN RAYS, injurious effects,  
protection)

ZSEBOK, Zoltan, dr.

Pioneers of the Hungarian radiology; Dr. Jenő Holzwarth, 1874-1922. *Magy. radiol.* 8 no.4:193-197 Nov 56.

(BIOGRAPHIES

Holzwarth, Jenő, biobibliog. (Hun))

EXCERPTA ICA Sec.14 Vol.11/12 Radiology Dec 57  
ZSEBOK Z  
2101. GERGELY R. and ZSEBOK Z. *Clin. Chir.* 1, Univ. de Budapest. \*De la lymphangiographie. *Lymphangiography* PRESSE MED. 1956, 64/94  
The technique can be summed up as follows: small incision between two toes, usually between the first and the second. Into the subcutaneous cellular tissue of the wound, a small quantity of a dye is injected. Subsequently, one should look preferably in this tissue for vessels stained blue by the injected dye. Thereafter, the contrast fluid is injected in one of these vessels through a small-calibre needle. The contrast medium is usually either 70% ioduron or triopaque ('400'). It is difficult to determine the optimum period after which to take the radiograph, because certain pathological conditions influence the rate of filling of a lymphatic district.

CONT.

The quantity of contrast medium injected varies between 3 and 5 ml. A useful scheme of the vessels to be radiographed may be the following: 1) the group of lymphatic vessels which originate from the medial part of the foot and ascend parallel with the tibia keeping on the medial side of the leg. 2) The group of lymph vessels which originate from the lateral part of the foot and pass obliquely over the tibia upwards. 3) The lymph vessels which run near the Achilles tendon and then upwards behind the tibia or between the tibia and the peroneus.

Bellion - Turin

EXCERPTA MEDICA Sec.14 Vol.11/5 Radiology May 57.

869. ZSEBÖK Z. Röntgenabt., 1. Chir. Univ.-Klin., Budapest. \* Bronchographie im Schichtbild. Tomographic bronchography Z. TUBERK. 1936, 108/3-4 (173-177) Illus. 7

A description of the advantages of tomographic visualization of the contrast-filled bronchial tree. Illustrations are presented which show that changes can in this manner be detected which cannot be demonstrated by survey bronchography.

Hertz - Tönshelde (XV, 14)



~~ZSEBOK Zoltan, dr.~~

Dr Gusztav Grossmann, 1878-1957. Magy. radiol. 9 no.1:1-3 Apr 57.  
(BIOGRAPHERS,  
Grossmann, Gusztav, biobibliog. (Hun))

ZSEBOK, Zoltan, dr.

Experiences and observations in Germany. *Magy. radiol.* 9 no.1:51-57  
Apr 57.

(RADIOLOGY,  
in Germany (Hun))

ZSEBOK, Zoltan; GERGELY, Rezső; CSILLAG, Antal

Interspongiosa functional venoscopy and venography. *Magy. radiol.* 9  
no.2:78-84 July 57.

1. A Budapesti Orvostudományi Egyetem I. sz. Sebészeti Klinikája  
(igazgató: Hedri Endre dr. egyet. tanár) Röntgenosztályának (vezető:  
Zsebok Zoltan dr. egyet. docens) közleménye.

(ANGIOGRAPHY

interspongiosa funct. venoscopy & venography (Hun))

ZSEBOK, Z.; MESZAROS, Gy.

Surgical and radiographic anatomy of the pancreas. Acta med. hung.  
11 no.1:139-158 1957.

1. Rontgenabteilung der I. Chirurgischen Klinik der Medizinischen  
Universität, Budapest.

(PANCREAS, radiography  
anat. & surg. aspects (Ger))

SOMOGYI, Barnabas, dr.; FURKA, Sandor, dr.; ZSEBOK, Zoltan, dr.

Results of late clinical and roentgenographic examinations in dorsolumbar spine fractures. Orv. hetil. 98 no.28:763-768 14 July 57.

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(BREAST NEOPLASMS, ther.

radiother. with radical mastectomy, follow-up (Hun))

(RADIOTHERAPY, in various dis.

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(CHOLANGIOGRAPHY

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(GASTRIC JUICE

acidity determ. by tubeless method using gastrotent tablets (Hun))

(GASTRITIS, diag.

chronic evaluation of x-ray findings by determ. of gastric acidity by tubeless method using gastrotent tablets (Hun))

HUNGARY

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Abstract: The problem of lack of specialists for a routine X-ray of people in the age group most susceptible to stomach carcinoma and the limitation of X-ray in the demonstration of early malignancies as well as some statistics from abroad are discussed. The various radiological diagnostic procedures are evaluated and a few cases are described to illustrate the problems and the possible errors. Slight advances in the percentage of cases discovered while still operable and a consequent slight increase in the number of 5-year survivals is reported. With the available methods today, any greater advance can be expected only from a closer cooperation between all of the clinical branches involved and the use of cytological examinations. No references.

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