

MANICATIDE, E. T., dr.; PETRESCU COMAN, V., conf.; PAUN, Florica; BUSULENGA, C.;
TEODORU, I.; ENE, Adela

Clinical aspects of pleuropulmonary staphylococci in children. Micro-
biologia (Bucur) 6 no.1:30 Ja-F '61.

PETRESCU-COMAN, V.

RUMANIA/Morphology of Man and Animals. Lymphatic and R.E. Systems. S-3

Abs Jour: Referat. Zh.-Biol., No 1, 10 January, 1958, 2880.

Author : Petrescu-Coman V., Lescovar-Marinescu E., Sanielevici-
Marinov S.

Inst :

Title : Certain Aspects of the Reticuloendothelial System in Children.

Orig Pub: Pediatria, 1956, 5, No 3, 222-227.

Abstract: No abstract.

Card : 1/1

-8-

CONSTANTINESCU, C.; PETRESCU-COMAN, V.; MARES, Viorica; SANIELEVICI,
Sonia; RUSNA, C.

Interstitial myocarditis of the Fiedler type in sucklings
and infants. Rumanian med. rev. 7 no.4:68-72 O-D'63.

*

CONSTANTINESCU, Corneliu, prof.; PETRESCU-COMAN, V, conf.; VEIDENFELD, Roza, dr.

Basic principles in the prevention of Sokolski-Bouillaud's disease
in children. Med. intern., Bucur 12 no.9:1281-1293 S '60.

1. Lucrare efectuata in Clinica de pediatrie a Spitalului de copii
"Gr. Alexandrescu".

(RHEUMATIC HEART DISEASE, prev & control)

PETRESCU COMAN, V., conf.; MANICATIDE, E.T.; PAUN, Florica; VATASESCU BUTUCEA, Lucia; BUSULENGA, Carmen; VILCU BOJINCA, Ioana

Considerations on the treatment of pleuropulmonary staphylococci in children. Microbiologia (Bucur) 6 no.1:35-36 Ja-F '61.

1. Clinica de pediatrie a Spitalului de copii "Gr. Alexandrescu", Bucuresti.

*

CONSTANTINESCU, Corneliu; PETRESCU-COMAN, V.; PAUN, Florica

Mental disorders after treatment with cortisone-like drugs in children. Stud. cercet. endocr. 14 no.4/5/6:713-716 '63.

PETRESCU CRETU, I., ing.; ALEXANDRU, I., ing.

Timbering of the galleries of the "16 February" Hydroelectric
Power Station, Arges, by means of rock bolts. Rev min 14 no.9:
384-389 S '63.

GHEȚIE, V.; CALOIANU-IORDACHEL, M.; PETRESCU-RAIANU, A.

Arteries of the breast and the forelimbs of the goose.
Rev biol 8 no. 4: 419-429 '63.

1. Laboratorium für Morphologie, Cytologie und Embryologie
der Tiere des Instituts für Biologie "Traian Savulescu"
der Akademie der RVR, Bukarest.

*

PETRESCU-RAIANU, A.

"Culture of cells in inframicrobiology" by Ion Aderca,
Marius Ianculescu. Reviewed by A. Petrescu-Raianu.
Rev biol 8 no. 4: 477-478 '63.

*

CALOIANU-IORDACHEL, Maria; PETRESCU-RAIANU, Anca

Study of vitamin C localization in *Cyprinus carpio* tissues.
Studii cerc biol anim 15 no.4:397-406 '63.

1. Comunicare prezentata de V. Ghetie, membru corespondent al
Academiei R.P.R.

CALCIANO-FORDACHEI, Maria; HIRLEA, Elena; PETRUSCU-RAIANU, Anca

Comparative study of the development of the Gallinae nervous system.
Studii cerc biol s. zool 16 no.6:471-477 1964.

1. Laboratory of Morphology and Animal Cytology of the "Traian
Savulescu" Institute of Biology.

PAUNESCU, C., prof. POPA, Florin, dr.; PETRESCU, Xenia, dr.; STOICA, I., dr.
THEODORESCU, B., prof.

Indications of the effort test. Med. intern. (Bucur.) 16 no.6:
677-684 Je '64

1. Lucrare efectuata in Clinica medicala a Spitalului "Coltea"
(director: prof. C.Paunescu).

ALABUZHEV, P.M.; KUMIN, I.A.; PETREYEV, A.M.; KHON, V.F.

Interaction of a submerged vibrator with an unlimited medium.
Izv. Sib. otd. AN SSSR no.3:25-29 '62. (MIRA 17:7)

1. Novosibirskiy elektrotekhnicheskiy institut i Institut
gornogo dela Sibirskogo otdeleniya AN SSSR, Novosibirsk.

PETRI, E., CAND GEOG SCI, "GEOGRAPHY OF THE AGRICULTURE OF ~~BEKING~~ ^{Meque} BORSOD (HUNGARY). MOSCOW, 1961.
(MOSCOW ORDER OF LENIN AND ORDER OF LABOR RED BANNER
STATE UNIV IN M. V. LOMONOSOV). (KL, 3-61, 206).

PETRI, Edit, a foldrajzi tudományok kandidátusa; ANTAL, Zoltan, dr., a foldrajzi tudományok kandidátusa; BENCZE, Imre, a foldrajzi tudományok kandidátusa; MAKKAI, László, dr., a történelemtudományok kandidátusa; RADO, Sándor, dr., a foldrajzi tudományok doktora; BULLA, Béla, dr.; KOVACSICS, József, dr., prof.; ERDEI, Ferenc, dr., akadémikus; SIMON, László, dr.

A debate on Dr. Edith Lettrich's dissertation for candidacy entitled "Esztergom." Foldrajzi ert 12 no.2:243-254 '63.

PETRI, Edit, a földrajzi tudományok kandidátusa

Debate about the dissertation for candidacy by Mrs. Dr. Koch nee
Erzsebet Gyorkos entitled "Vegetable and flower gardening of
Budapest." Földrajzi ert 11 no.4:499-505 '62.

NAGY, S.; TARNOKY, Klara; TANOS, B.; PETRI, G.

Fluid, protein and cell shifts after haemorrhage in corticosteroid- and noradrenaline-treated dogs. Acta physiol. Acad. sci. Hung. 25 no.3:265-275 1964

1. Institute of Experimental and Operative Surgery and First Department of Surgery, University Medical School, Szeged.

[POLAND-HUNGARY

PERE, G. and ROVACS, D. S., First Surgical Clinic of the Medical Academy in Szeged (Hungary) [Original version not given] [Translation of English text by KLECZKOWSKI, Bogdan (Affiliation not given)]

"Effect of the Stress of Operation on the Metabolism of the Patient."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 19-20, 6-13 May 63, pp 674-68.

Abstract: [Authors' English summary modified] Authors' determinations revealed that following an operation, the volume of the urine, as well as the sodium and chloride in it decreased, while the osmolality of the urine and the potassium in it increased -- electrolyte findings being independent of concentration level in the blood or glomerular filtration rate. Phosphate output increased (decreased tubular reabsorption) except in cases of thyroidectomy. Nitrogen did not increase, and sometimes even decreased. Authors suggest that these operation effects are probably elicited by some mechanism regulating the endocrine system. There are no references.

1/1

NAGY, S.; TARNOKY, Klara; PETRI, G.

Adjustment of the circulation to haemorrhage in dogs during sympathetic nervous blockade. Acta physiol. acad, sci. Hung. 28 no.4:379-387 '65.

1. Institute of Experimental Surgery and First Department of Surgery, University Medical School, Szeged. Submitted December 30, 1964.

1/1

L 28997-66

ACC NR: AT6019378

SOURCE CODE: HU/2505/65/027/003/0257/0264

AUTHOR: Nagy, Sandor; Tarnoky, Klara; Peiri, Gabor

ORG: Institute of Experimental Surgery and I. Surgical Clinic, Medical University

of Szeged (Szegedi Orvostudományi Egyetem, Sebészeti Műtettani Intézet és I. sz. Sebészeti Klinika)

31
B-1

TITLE: Cardiac output of hemorrhaged dogs after intravenous administration of corticosteroids. This paper was presented at the 29th Meeting of the Hungarian Physiological Society held in Szeged on 2 July 1964.

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 27, no. 3, 1965, 257-264.

TOPIC TAGS: drug effect, corticosteroids, blood circulation, dog

ABSTRACT: Forty dogs under superficial pentobarbital anesthesia were bled by the "reservoir technique". The mean bleeding volume at the end of the bleeding was 43.1 ml/kg. Following the bleeding, cardiac output fell considerably as compared to the initial value and peripheral resistance increased. At this time, one group of 14 dogs received a placebo (10 ml 5 per cent glucose), another group of 15 dogs received a water-soluble corticoid analogue (15 ml/kg), and a third group consisting of 11 dogs were given aldosterone (300 µg/kg). A rise in cardiac output was observed in the second group; no significant change in cardiac output was noted in the other two groups. After re-infusion of the blood, cardiac output rose and peripheral resistance decreased in every group. The water-soluble was supplied by Richter Pharmaceutical Works, Budapest. The authors thank Miss Rozsa Koszo and Miss Maria Mader for skillful technical assistance. Orig. art. has: 4 tables. /Orig. art. in Eng. /JPRS/

SUB CODE: 06 / SUBM DATE: 08 Jul 64 / ORIG REF: 002 / OTH REF: 019

Card 1/1 BLG

L 30058-66

ACC NR: AT6020342

SOURCE CODE: HU/2505/65/028/004/0379/0387

AUTHOR: Nagy, Sandor; Tarnoky, Klara; Petri, Gabor

26
0+1

ORG: First Department of Surgery, Institute of Experimental Surgery, University Medical School, Szeged (Orvostudományi Egyetem Sebészeti Műtettani Intézet és I. sz. Sebészeti Klinikája)

TITLE: Adjustment of circulation to ²²hemorrhage in dogs during sympathetic nervous blockade

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 28, no. 4, 1965, 379-387

TOPIC TAGS: dog, autonomic nervous system

ABSTRACT: Phenoxybenzamine-induced sympathetic nervous blockade in dogs was associated with diminished resting cardiac output, increased arterio-venous oxygen difference and smaller bleeding volumes at a given blood pressure. Mean circulatory hematocrit before bleeding was lower in the blocked animals and no significant decrease in the F-cell factor was observed after bleeding. Sympathetic activity is beneficial in the acute stage of rapid hemorrhage. The authors thank Dow Corning Center for Aid to Medical Research, Midland, Mich., U.S.A. for supplying the silicon rubber catheter, Smith, Kline and French Laboratories, Welwyn, Garden City, Herts, England for phenoxybenzamine, Miss Rózsa Kószó and Miss Mária Mäder for technical assistance. Orig. art. has: 6 tables. [Based on authors' Eng. abst.] [JPRS]

SUB CODE: 06 / SUBM DATE: 30Dec64 / ORIG REF: 003 / OTH REF: 017

Card 1/1 90

TANCS, B.; PETRI, G. prof.; CZIPOTT, Z.; ABRANDY, E.; BOROS, M.; Techn.
assistance: SZABO I.; VOROS, J.

Haemodynamic and metabolic response of dogs to the simultaneous
occlusion of the carotid and vertebral arteries. Acta chir. acad.
sci. Hung. 6 no.2:187-199 '65.

1. First Department of Surgery (Director: Prof. G. Petri), Univer-
sity Medical School, Szeged.

NAGY, J.; TARNOKY, Klara; PETRI, G.

Cardiac output of bled dogs after intravenous administration of corticosteroids. Acta physiol. acad. sci. Hung. 27 no.3:257-264 '65.

1. Institute of Experimental Surgery and First Department of Surgery, University Medical School, Szeged.

PETRI, G.; KOVACS, G.S.

Effect of surgical stress on metabolism in operated subjects.
Pol. tyg. lek. 18 no.19/20:674-680 6-13 My '63.

1. Z I Kliniki Chirurgicznej Akademii Medycznej w Szeged -
Wegry.

(NITROGEN) (URINE) (BLOOD CHEMICAL ANALYSIS)
(STRESS)

NAGY, S.; BAJUSZ, G.; PETRI, G.

Response of the adrenal cortex of the dog to surgical injury during autonomic nervous blockade. Acta physiol. acad. sci.hung. 22 no.2: 155-162 '62.

1. Institute of Experimental and Operative Surgery and 1st Department of Surgery, Medical University, Szeged.
(SURGERY, OPERATIVE) (ANESTHESIA, CONDUCTION)
(ADRENAL CORTEX)

PETRI, G.; BOTOS, A.

Experimental and clinical considerations on vagotomy. Cas. lek. cesk.
101 no.23:721-725 8 Je '62.

1. I chirurgicka klinika lekarske fakulty university v Szegedu, pred-
nosta prof. dr. G. Petri.

(VAGOTOMY)

NEMETH, Andras, dr.; PETRI, Gabor, dr.; GAL, Gyorgy, dr.; FAZEKAS,
Sandor, dr.; ALTORJAY, Istvan, dr.; SCULTETI, Sandor, dr.;
BALOGH, Eleonora, dr.; KARPATI, Ferenc, dr.

Kidney homotransplantation in 2 brothers. Orv. hetil. 104
no.43:2017-2023 27 0 '63.

1. Szegedi Orvostudományi Egyetem, I. Sebészeti Klinika.
(KIDNEY TRANSPLANTATION) (PYELONEPHRITIS)
(PATHOLOGY)

047

NAGY, Sandor; TARNOKY, Klara; PETRI, Gabor

Effect of a water-soluble corticosteroid-analogue in experimental hemorrhagic shock. Kiserl. orvostud. 15 no.6:649-657 D '63.

1. Szegedi Orvostudományi Egyetem Sebészeti Mutettani Intézet
és I sz. Sebészeti Klinikája.

(SHOCK, HEMORRHAGIC)

(ADRENAL CORTEX HORMONES)

(PHARMACOLOGY)

HUNGARY

PETRI, Gabor, Dr, KOVACS, Gabor, Dr; Medical University of Szeged, I. Surgical Clinic (Szegedi Orvostudományi Egyetem, I. sz. Sebészeti Klinika).

"The Effect of Surgical Trauma on the Metabolism of the Patient."

Budapest, Orvosi Hetilap, Vol 104, No 27, 7 July 1963, pages 1249-1257.

Abstract: [Authors' Hungarian summary]The authors tested 1-2 hour samples of urine and the electrolyte and nitrogen excretion of 26 surgical patients continuously for 36 hours after the operation. Four healthy control individuals, resting in bed without food or liquid intake and not exposed to surgery, were also tested. It was found that the diuresis decreases immediately after the surgery and i.v. administration of a 5 per cent dextrose solution will not increase its rate. The Na and Cl excretion also decreases, K excretion increases. This change is independent of the serum electrolyte concentration or of the glomerular filtration rate and has been found in every patient. Inorganic phosphate excretion increases, due to a decrease in the tubular phosphate resorption. In cases of total thyroidectomy this phenomenon is not observed and phosphate excretion actually decreases below normal. This is assumed to be due to an increased function of the parathyroids. The N excretion did not increase, in fact, it was somewhat lower than in the controls. Deep barbiturate anesthesia delayed these changes during the sleep but they developed after awakening. It is concluded that the postoperative changes in water and electrolyte metabolism are primary, due to the surgery, and they may have a common central mechanism due to the function of several endocrine or-

1/2

HUNGARY

Budapest, Orvosi Hetilap, Vol 104, No 27, 7 July 1963, pages 1249-1257.

gans. Changes in the nitrogen metabolism may be secondary in nature. 3 Hungarian, 50 Western references.

2/2

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HUNGARY

NEMETH, Andras, Dr, PETRI, Gabor, Dr, GAL, Gyorgy, Dr, FAZEKAS, Sandor, Dr, ALTORJAY, Istvan, Dr, SCULTETY, Sandor, Dr, BALOGH, Eleonora, Dr, KARPATI, Ferenc, Dr; Medical University of Szeged, I. Surgical Clinic (Szegedi Orvostudományi Egyetem, I. Sebészeti Klinika).

"Kidney Homotransplantation Between Brothers."

Budapest, Orvosi Hetilap, Vol 104, No 43, 27 Oct 63, pages 2017-2023.

Abstract: [Authors' Hungarian summary modified] Homotransplantation of a kidney has been performed on a patient in the final stages of uremia. Before surgery, 150 r whole-body irradiation and 200 r local irradiation on the spleen has been given. Immediately after surgery and four days later, 200 r doses each were applied to the transplanted kidney. Because of impaired function later, a total of 250 r were given to the whole body and 200 r to the transplant, in order to prevent the rejection process. The transplant functioned well for 6 weeks and during this time the condition of the patient was good. After a gradual impairment of function, the patient died on the 79 post-operative day under uremic and septic symptoms. Sixteen days before death, the other kidney has been removed. No typical rejection processes were indicated by the histological examination of the transplant but the extensive obliterating vessel changes, of unknown cause, explain the gradual decrease of kidney function. 1 Hungarian, 8 Western references.

1/1

BOROS, Mihaly, dr.; PETRI, Gabor, dr.

Thrombolysis with human fibrinolysin. Orv. hetil. 103 no.20:918-920
20 My '62.

1. Szegedi Orvostudományi Egyetem, I Sebészeti Klinika.

(FIBRINOLYSIN ther) (THROMBOSIS ther)

MARUSOVA, T.P., kand. tekhn. nauk; SHIPUNOV, N.V., kand. tekhn. nauk;
PETRI, L.O., inzh.

Investigating the conditions for electrical safety in salt
mines. Gor. zhur. no.11:69-70 N '64. (MIRA 18:2)

1. Moskovskiy energeticheskiy institut.

PETRI, V.M., doktor sel'skokhozyaystvennykh nauk; PERMIKHIN, I.P.,
inzh.

Using petrolatum in the manufacture of particle boards. Der.
prom. 8 no.12:11-12 D '59. (MIRA 13:5)

1. Nauchno-issledovatel'skiy institut promyshlennykh zdaniy i
sooruzheniy Akademii stroitel'stva i arkhitektury SSSR.
(Wood, Compressed) (Petrolatum)

PETRI, Gabor, dr.

Postoperative diseases. Orv.hetil. 102 no.31:1441-1450 30 J1 '61.

1. Szegedi Orvostudományi Egyetem, I. sz. Sebészeti Klinika.

(SURGERY OPERATIVE compl)

KOVACS, Gabor, Dr.; KOVACS, Bertalan, Dr.; KOVATS, Tibor, Dr.; KOVACS, Kalman, Dr.
PETRI, Gabor, Dr.

Effect of neuroplegia on the surgical antidiuresis of dogs. Orv. hetil.
99 no.6:186-189 9 Feb 58.

1. A Szegedi Orvostudományi Egyetem Sebészeti Műtettani Intézetének
(igazgató: Petri Gabor dr. egyet. tanár) és I. sz. Belgyógyászati
Klinikájának (igazgató: Hetenyi Geza dr. egyet. tanár) közleménye.

(SURGERY, OPERATIVE, compl.

noston. oliguria in exper. surg. of dogs, prev. by artif.
hibernation (Hun))

(ANURIA, exper.

same)

(HIBERNATION, ARTIFICIAL, eff.

prev. of noston. oliguria in exper. surg. of dogs (Hun))

BOTOS, Arpad, Dr.; KELEMEN, Endre, Dr.; PETRI, Gabor, Dr.

Twelve cases of splenectomy without success or with surprising results. Orv. hetil. 100 no.17:608-614 26 Apr 59.

1. A Szegedi Orvostudományi Egyetem I. sz. Belgyógyászati Klinika-
jának (Igazgató: Hetenyi Géza dr., egyetemi tanár) és I. sz. Sebészeti
Klinikájának (Igazgató: Petri Gábor dr., egyetemi tanár) közleménye.

(SPLEEN, surg.
excis., results (Hun))

PETRI, Gabor, dr.

Extracorporeal complete perfusion. Orv.hetil. 100 no.40:
1425-1431 0 '59.

1. A Szegedi Orvostudományi Egyetem I. sz. Sebészeti Klinikájának
(igazgató: Petri Gabor dr. egyetemi tanár) k özleménye.
(HEART, MECHANICAL)

PETRI, Gabor, Dr.

Jaki Gyula dr., 1898-1958. Orv. hetil. 99 no.19:617-618 11 May 58.

(OBITUARIES

Jaki, Gyula (Hun))

SZADECZKY-KARDOSS, Elemer; ZSEBOK, Zoltan, dr.; RUSZNYAK, Istvan, dr.;
ANTALFFY, Gyorgy, dr.; BIHARI, Otto, dr.; CHOLNOKY, Laszlo, dr.;
GRUBER, Jozsef, dr.; HAY, Laszlo, dr.; KESZTYUS, Lorand, dr.;
MAGYARI, Andras, dr.; ORTUTAY, Gyula, dr.; PERENYI, Imre, dr.;
PETRI, Gabor, dr.; POLINSZKY, Karoly, dr.; RAPCSAK, Andras;
TORO, Imre, dr.; ZAMBO, Janos, dr.

Peace to the world! An appeal by the Committee on Science of
the National Peace Council. Term tud kozl 6 no.6:241 Je
'62.

1. Orszagos Beketanacs Tudomanyos Bizottsaganak elinok (for Szadeczky-Kardoss).
 2. Orszagos Beketanacs Tudomanyos Bizottsaganak titkara (for Zsebok).
 3. Magyar Tudomanyos Akademia elnok (for Rusznyak).
 4. Szegedi Tudomanyegyetem rektora (for Antalffy).
 5. Pecsii Tudomanyegyetem allamjogi karanak dekanja (for Bihari).
 6. Pecsii Orvostudomanyi Egyetem rektora (for Cholnoky).
 7. Budapesti Muszaki Egyetem rektora (for Gruber).
 8. Marx Karoly Kozgazdasagtudomanyi Egyetem rektora, Budapest (for Hay).
 9. Kossuth Lajos Tudomanyegyetem rektora, Debrecen (for Kesztyus).
 10. Agrartudomanyi Egyetem rektora (for Magyar).
 11. Eotvos Lorand Tudomanyegyetem rektora (for Ortutay).
 12. Epitoipari es Kozlekedesi Muszaki Egyetem rektora (for Perenyi).
 13. Szegedi Orvostudomanyi Egyetem rektora (for Petri).
 14. Veszpremi Vegyipari Egyetem dekanja (for Polinszky).
- (To be continued)

HUNGARY / Human and Animal Physiology. Inner Secretion.

T-7

Abs Jour : Ref Zhur - Biologiya, No 1, 1959, No. 3520

Author : Kovacs, K.; Kovacs, B.; Kovacs, G.; Petri, G.

Inst : Not given

Title : Cortisone and the Mechanism of Antidiuretic Hormone Activity

Orig Pub : Kiserl. orvostud., 1957, 9, No 2, 125-129

Abstract : By means of probes, a volume of water equal to 5% of the body weight was introduced into the stomachs of male rats weighing 200 gm; 2 hours later the administration of water was repeated. At the time of the second waterload, some of the rats received 10 mg cortisone, 20 units of pituitrin, cortisone plus pituitrin, 0.5 mg/100 gm nicotinic acid, or cortisone plus nicotinic acid. Cortisone increased the diuresis, pituitrin and nicotinic acid inhibiting (in 90 minutes only 20% of the

Card 1/2

GDR / Human and Animal Physiology (Normal and Pathological).
Internal Secretion.

T

Abs Jour : Ref Zhur - Biologiya, No 13, 1958, No. 60497

Author : Kovacs, K.; Kovacs, G.; Kovacs, G. S.; Petri, G.

Inst : Not given

Title : Connection Between the mechanism of the Action of
Cortisone and That of the Antidiuretic Hormone

Orig Pub : Endokrinologic, 1957, 34, No 1-2, 32-36

Abstract : Each of the preparations being tested (or their combina-
tion) was studied on 20 rats (5% of body weight),
receiving water (W) with two-hour intervals. Cortisone
(I), given (10 mg.) simultaneously with the first W,
did not change the diuresis in the course of 60 - 90
minutes after the second water intake; after 120 - 180
minutes, the diuresis increased significantly. A prepara-
tion of the posterior pituitary (Piton made by Organon,

Card 1/2

GDR / Human and Animal Physiology (Normal and Pathological).
Internal Secretion.

T

Abs Jour : Ref Zhur - Biologiya, No 13, 1958, No. 60497

20 milliunits per 100 g.) inhibited the diuresis within 90 - 120 minutes after the second W intake. The same effect was found with the addition of I. Nicotino-tartrato (0.5 mg./100gm.) inhibited the diuresis sharply and for a long time - up to 180 min. The administration of I with the first W intake and nicotine with the 2nd did not influence the diuretic effect. Consequently, in conditions of a "severe test" I does not prevent the mobilization of the antidiuretic hormone and its action on the kidneys. -- A. A. Filina

Card 2/2

96

PETRI, Gabor, dr.

Postoperative enterocolitis. Orv. hetil. 105 no.48:2257-
2266 29 N '64.

1. Szegedi Orvostudományi Egyetem, I. Sebészeti Klinika.

PETRI, Gabor, dr.; KOVACS, Gabor, dr.

Transventricular mitral commissurotomy. Orv. hetil. 105
no.51:2417-2422 20 D '64.

1. Szegedi Orvostudományi Egyetem, I. Sebészeti Klinika
(igazgató: Petri Gabor dr.).

PETRI, Gabor, dr.

Present and future role of surgery in medicine. Orv. hetil.
106 no.22:1009-1014 30 My'65.

1. Szegedi Orvostudományi Egyetem, I. Sebészeti Klinika
(igazgató: Petri, Gabor, dr.).

HUNGARY/Human and Animal Physiology - Blood Circulation. T
General Problems

Abs Jour : Ref Zhur Biol., No 3, 1959, 12717

Author : Petri, Gabor; Hetenyi, Gez; Abrandy, Endre; Czipott,
~~Zoltan~~, Förfbath, Kiklos

Inst : Hungarian Academy of Sciences, Division of Biological
and Medical Sciences

Title : Investigation of Regulation of Circulation and Metabolism
in Experiments with Exsanguinated Heart

Orig Pub : Magyar tud. akad. biol. es orv. tud. oszt. közl.,
1957, 8, No 1-2, 154-156

Abstract : Reciprocal circulation was established in dogs: the
blood of the operated dogs was collected through catheters
from the superior and inferior vena cava and introduced into
the femoral vein of the donor dogs. The

Card 1/3

HUNGARY/Human and Animal Physiology - Blood Circulation.
General Problems. T

Abs Jour : Ref Zhur Biol., No 3, 1959, 12717

catheters were introduced from the femoral arteries of the donor dog into the common carotid artery from which the blood entered the aorta of the operated dog. The minute volume averaged 30 ml/kg. Up to 1.5 mg/kg of heparin was injected into an animal and a corresponding amount of protamine at the end of the operation. After disconnection of the heart the blood pressure fell to 60 mm, but after establishment of artificial circulation it gradually rose to 100 mm of Hg. Consumption of O_2 in the recipient dropped 1/3 to 1/6, depending on the minute volume. An increase in the lactic acid concentration in the blood was observed which did not cease even when the experiment was concluded (disturbance of liver function during the period of oxygen starvation). The concentration of inorganic P was also increased. The concentration of K in the serum was not changed.

Card 2/3

- 51 -

KOVACS, G.S.; KOVACS, B.M.; KOVACS, K.; PETRI, G.

Effect of preoperative medication and surgery on the antidiuretic activity of human blood. Acta med. hung. 12 no.3-4:201-213 1958.

1. Institute of Experimental and Operative Surgery and the 1st Medical Clinic, University School of Medicine, Szeged, Hungary.

(ANESTHESIA

premedication, eff. on antidiuretic activity of blood)

(DIURESIS

antidiuretic activity of blood, eff. of premedication & surg)

KOVACS, K.; KOVACS, G.S.; KOVACS, B.M.; PETRI, G.

Increased antidiuretic activity of human sera in the preoperative period. Acta med. hung. 11 no.3:337-342 1958.

1. 1st Department of Internal Medicine and Institute of Experimental and Operative Surgery, University Medical School, Szeged, Hungary.

(BLOOD SERUM

antidiuretic activity in preop. periods)

(DIURESIS

antidiuretic activity of blood serum in preop. periods)

(SURGERY, OPERATIVE

preop. antidiuretic activity of blood serum)

KOVACS, Bertalan, Dr.; KOVACS, Gabor, Dr.; KOVATS, Tibor, Dr.; KOVACS, Kalman, Dr.;
PETRI, Gabor, Dr.

Effect of surgical trauma on salt excretion in dogs. *Magy. sebeszet*
10 no.5-6:289-296 Oct-Dec 57.

1. A Szegedi Orvostudományi Egyetem Sebeszeti Műtettani Intézetének
(Igazgató: Petri Gabor dr.) és I. sz- Belklinikájának (Igazgató:
Hetényi Géza dr.) közleménye.

(SURGERY, OPERATIVE, eff.

on urinary excretion of sodium chloride in dogs (Hun))

(SODIUM CHLORIDE, metab.

eff. of surg. trauma on urinary excretion in dogs (Hun))

PETRI, G.
S. KARADY, ARCH. INTERN. PHARMACODYNAMIE 83, 259-69, 1950

12.12.57

KOVACS, Kalman; KOVACS, Gabor; KOVACS, Bertalan; PETRI, Gabor

Effect of largactil on the functioning of the antidiuretic hormone.
Magy. belorv. arch. 10 no.4:101-103 Aug 57.

1. A Szegedi Orvostudományi Egyetem I. sz. Belklinikájának (igazgató:
Hetényi Géza dr. egyetemi tanár) és Sebészeti Műtettani Intézetének
(igazgató: Petri Gabor dr. egyetemi tanár) közleménye.

(CHLORPROMAZINE, eff.

on antidiuretic action of vasopressin (Hun))

(VASOPRESSIN, eff.

antidiuretic action, influence of chlorpromazine (Hun))

LABORATORY

KOVACS, KAIJAN; KOVACS, BERTALAN; KOVACS, GABOR; PETRI, GABOR

Data on the relationship between the mechanisms of cortisone and the antidiuretic hormone. Kiserletes orvostud. 9 no.2:125-129 Apr 57.

1. Szegedi Orvostudományi Egyetem 1. sz. Belklinika,ja és Sebészeti Mutattani Intezete.

(VASOPRESSIN, physiol.)

antidiuretic eff. in rats & influence of cortisone (Hun))

(CORTISONE, eff.)

on antidiuretic eff. of vasopressin in rats (Hun))

(DIURETIC, physiol.)

antidiuretic eff. of vasopressin in rats & influence of cortisone (Hun))

PETRI, G.

1788. Lipaemia clearing effect of chlorpromazine. B. M. Kovács,
G. S. Kovács, and G. Petri *Experientia, Basel* 1956, 12, 376-377
(Inst. of Exp. and Operative Surg. Univ. Med. Sch., Szeged,
Hungary).—Chlorpromazine exerts its lipaemia clearing effect by
mobilising endogenous heparin and this effect is inhibited if pro-
tamide sulphate is administered before the chlorpromazine.

Med

R. S. TONKS

PETRI, G.; CISPAK, J.; KOVACS, B.; BENTZIK, M.

The significance of histamin and antihistaminics in simple inflammation. *Magy. sebesset* 5 no. 4:241-246 Nov 1952. (CLML 24:1)

1. Doctors. 2. Surgical Clinic (Director -- Prof. Dr. Gyula Jaki) and Pharmacology Institute (Director -- Prof. Dr. Miklos Jancso), Szeged Medical University.

L 15463-66

ACC NR: AT6007418

SOURCE CODE: HU/2505/65/026/00X/0034/0034

AUTHOR: Tarnoky, Klara; Nagy, S.; Petri, G.

20

ORG: I. Department of Surgery, Institute of Experimental and Operative Surgery,
Medical University of Szeged (Szegedi Orvostudományi Egyetem, Kísérleti Sebészeti
és Mutettani Intézet, és I. Sebészeti Tanszék) B+1

TITLE: Effect of corticosteroids on cardiac output and vascular resistance in
dogs following blood loss [This paper was presented at the 29th Meeting of the
Hungarian Physiological Society held in Szeged from 2 to 4 July 1964]

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 26, Supplement,
1965, 3b

TOPIC TAGS: corticosteroid, circulatory system, dog, blood pressure, animal
physiology, pharmacology, drug effect

ABSTRACT: In order to explain some earlier
findings, according to which the administration of a steroid in the oligemic
phase of hemorrhagic shock was followed by a significant rise in blood
pressure, the changes in cardiac output and peripheral vascular resistance
brought about by the drug have been studied in the present experiments.

Card 1/2

L 15463-66

ACG NR: AT6007418

Dogs under light anesthesia were bled by the "reservoir technique". Following the hemorrhage, the cardiac output dropped significantly and the peripheral resistance increased. A group of 14 dogs was then treated with a placebo, another group of 15 dogs with a water-soluble corticoid analogue, and a third group of 11 dogs with aldosterone. The cardiac output increased in the second group and remained virtually unchanged in the other two groups. Following re-infusion of the blood lost, the cardiac output increased and peripheral resistance decreased in all three groups. [JPRS]

SUB CODE: 06 / SUM DATE: none

3B
Card 2/2

Petri, C

✓ Lipemia-clearing effect of chlorpromazine. B. M. Kovacs, G. S. Kovacs, and L. Petri, Coll. Med. School, Szeged, Hung. *Experientia* 17: 100 (1961). English transl. in *Experientia* 17: 100 (1961).
quent single injections of chlorpromazine in doses of 50 mg/kg. body wt. E. S. Farber

Med

PETRI, G.;CSIPAK, J.;KOVACS, A.;BENTZIK, M.

Data on the pathology of pyogenic inflammation. I. The role of histamine in pyogenic inflammation and the effect of antihistaminics on its course. Acta med. hung. 3 no.3:347-368 1952. (CML 23:4)

1. Of the First Department of Surgery and of the Institute of Pharmacology of Szeged University.

PETRI, G.; CSIPAK, J.; KOVACS, A.; BENTZIK, M.

Data on the pathology of pyogenic inflammation. II. The effect of the antihistamine substance of the leukocytes on pyogenic inflammation. Acta med. hung. 3 no.3:361-368 1952. (CML 23:4)

1. Of the First Department of Surgery and of the Institute of Pharmacology of Szeged University. 2. Experimental leucocytosis produced by subcutaneous injection of formaline.

PETRI, Gabor; HETENYI, Geza, Ifj.; ABRANDY, Endre; CZIFOTT, Zoltan;
FORBATH, Miklos

Regulatory phenomena in cross-circulation experiments for exsanguination of the heart. Magy. Tudom. Akad. Biol. Orv. Oszt. Kozl. 8 no.1-2:154-156 1957.

1. A Szegedi Orvostudományi Egyetem Sebészeti Műtettani Intézete, Élettani Intézete és I. sz. Belklinikája.

(HEART, surg.

exper., cross-circ. technic for exsanguination of heart, regulatory & metab. eff. (Hun))

BENTZIK, Mihaly, dr.; BERCI, Gyorgy, dr.; NEMETH, Andras, dr. ;
PETRI, Gabor, dr.

Implantation of the internal mammary artery into the heart muscle for the improvement of its blood supply as based on experimental research. *Magy. sebeszet* 8 no.209-272:209-215 Aug 55.

1. A Szegedi Orvostudományi Egyetem Sebeszeti Műtettani Intézetének közleménye. (Igazgató: Petri, Gabor, dr. egyetemi tanár).

(HEART, blood supply
ischemia insuff, exper. surg., implantation of
internal mammary artery.)

(TRANSPLANTATION
external mammary artery in ischemia of the heart.)

PETRI, Gabor, dr.

The scope of surgical anatomy; observations on the preceding article. Magy. sebesset 7 no.6:135-136 Dec 54.

(PANCREAS, surg.)

(PANCREAS, anat. & histol.)

CP

116

Influence of experimental local medullary hypoxia on the number of red blood corpuscles Sandor Benko, Gabon Petri, Anna Maria Eisner, Geza Kardos, Terez Szabo, Mihaly Bentzik, and Geza Hetenyi (Univ. Szeged, Hung.) *Acta Med. Acad. Sci. Hung.* 1, 24-37(1950)(in English). Exptl. local medullary hypoxia was produced in the femur of dogs by either ligation of the nutritive artery or by injection of KCN. Medullary hypoxia in a small area caused a considerable increase in the no. of red blood corpuscles. It is suggested that a kind of humoral substance might be released in the medulla causing release into circulation of the red blood corpuscles stored in the medulla and other places. Erythrosis due to hypoxia of the bone marrow is thus of humoral origin. Istvan Finlay

PETRI, Gabor Dr.

KOVACS, Kalman, Dr.; KOVACS, Gabor, Dr.; KOVACS, Bertalan, Dr.; PETRI, Gabor, Dr.

Effect of preoperative psychic anxiety on the antidiuretic activity of the serum. Orv. hetil. 98 no.47:1294-1296 24 Nov 57.

1. A Szegedi Orvostudományi Egyetem I. sz. Belgyógyászati Klinikájának (igazgató: Hetenyi Géza dr. egyet. tanár) és Sebészeti Műtéttani Intézetének (igazgató: Petri Gabor dr. egyet. tanár) közleménye.

(ANXIETY

eff. of preop. anxiety on antidiuretic activity of blood (Hun))

(DIURESIS

antidiuretic activity of blood, (eff. of preop. anxiety (Hun))

(BLOOD

antidiuretic activity, eff. of preop. anxiety (Hun))

Petri, Gabor, Dr.

KOVACS, Gabor, Dr.; KOVACS, Bertalan, Dr.; KOVACS, Kalman, Dr.; PETRI, Gabor, Dr.

Effects of preoperative drug therapy and surgical trauma on the antidiuretic activity of the blood. Orv. hetil. 98 no.52:1442-1446 29 Dec 57.

1. A Szegedi Orvostudományi Egyetem sebészeti Műtettani Intézetének (igazgató: Petri, Gabor, dr. egyet. tanár) és I. sz. Belgyógyászati Klinikájának (igazgató: Hetenyi Géza dr. egyet. tanár) közleménye.

(SURGERY, OPERATIVE

eff. of preop. drug ther. & surg. trauma on antidiuretic activity of blood (Hun))

(BLOOD

antidiuretic activity, eff. of preop. drug ther. & surg. trauma (Hun))

(DIURESIS

antidiuretic activity of blood, eff. of preop. drug ther. & surg. trauma (Hun))

PETRI, Gabor, dr., (Szeged)

An answer to the remarks of prof. Denes Nagy. Nagy. sebeszet
8 no.209-272:251-252 Aug 55.

(SURGERY, OPERATIVE
surg. anat.)

L 13506-66

ACC NR: AP6007040

SOURCE CODE: HU/0018/65/017/003/0258/0262

AUTHOR: Nagy, Sandor—Nad^r, Sh.; Tarnoky, Klara—Tarnoki, K.; Petri, Gabor 15

ORG: Medical University of Szeged, Institute of Surgical Technique and I. Surgical Clinic (Szegedi Orvostudományi Egyetem, Sebészeti Mutettani Intézet es I. sz. Sebészeti Klinika) B

TITLE: Minute volume and circulatory resistance of dogs suffering from loss of blood following intravenous injection of corticosteroids

SOURCE: Kiserletes orvostudomány, v. 17, no. 3, 1965, 258-262

TOPIC TAGS: endocrinology, hormone, animal physiology, dog, cardiovascular system, corticoid, corticosteroid

ABSTRACT: Under light nembutal anesthesia, 40 dogs were bled by the reservoir technique. The average final loss of blood was 43.1 ml/kg. As compared to the initial value, the minute volume dropped considerably after the loss of blood and the peripheral resistance increased. At this stage, 1 group (14 dogs) was given a placebo (10 ml of 5 per cent glucose), another group (15 dogs) was given a water soluble corticoid analogue (15 ml/kg) and a third group (11 dogs) received aldosterone (300 µg/kg). An increase in the minute volume was observed in the second group without any

Card 1/2

L 13506-66

ACC NR: AP6007040

significant change in the other two groups. Following re-infusion of the withdrawn blood, the minute volume increased in every group and the peripheral resistance dropped. The authors thank the Pharmaceutical Factories for making the Steroid available and also Kozso Rozsa and Mader Maria for technical assistance. Orig. art. has: 2 tables. [JPRS]

SUB CODE: 06 / SUBM DATE: 10Jul64 / ORIG REF: 003 / OTH REF: 019

Card 2/2 *DR*

PETRI, Lajos, szobraszművész

Why is Mona Lisa beautiful? Elet tud 15 no.5:148-150
31 Ja '60.

Manufacture of alumina firebricks in rotary kilns. V.
Siklany, F. Berriller, L. Fend, and C. Birloppan.
~~Ind. construction of material. constructii 1956, 229-32.~~
Fireclay and calcined alumina were fired in a continuous
operation to 1450-500° in oxidizing atm. A high-quality
mullite-type refractory material contg. 45-55% Al₂O₃ was
obtained. Francois Kerbow

Jw
7/1

gfg

FETHI, L.

TECHNOLOGY

FaIPat. (Fairpari Tudomanjos Egyesulet) Budapest.

Lumber prices in the new producer-price system. p. 302

Vol. 8, no. 10 Oct. 1958

Monthly List of East Europe's Acquisitions (EMAI) LC. Vol 8, No. 3.
March 1959, Unclas.

PETRI, Lajos

Specific mounting of hig-capacity Lang turbines. Musz elet 15 no.7:12
Mr '60. (EEAI 9:7)

(Hungary--Steam turbines)

PETRI, Laszlo, dr.

New methods for correct evaluation of the economy. Paiper 13
no.3:78-85 Mr '63.

PETRI, Laszlo

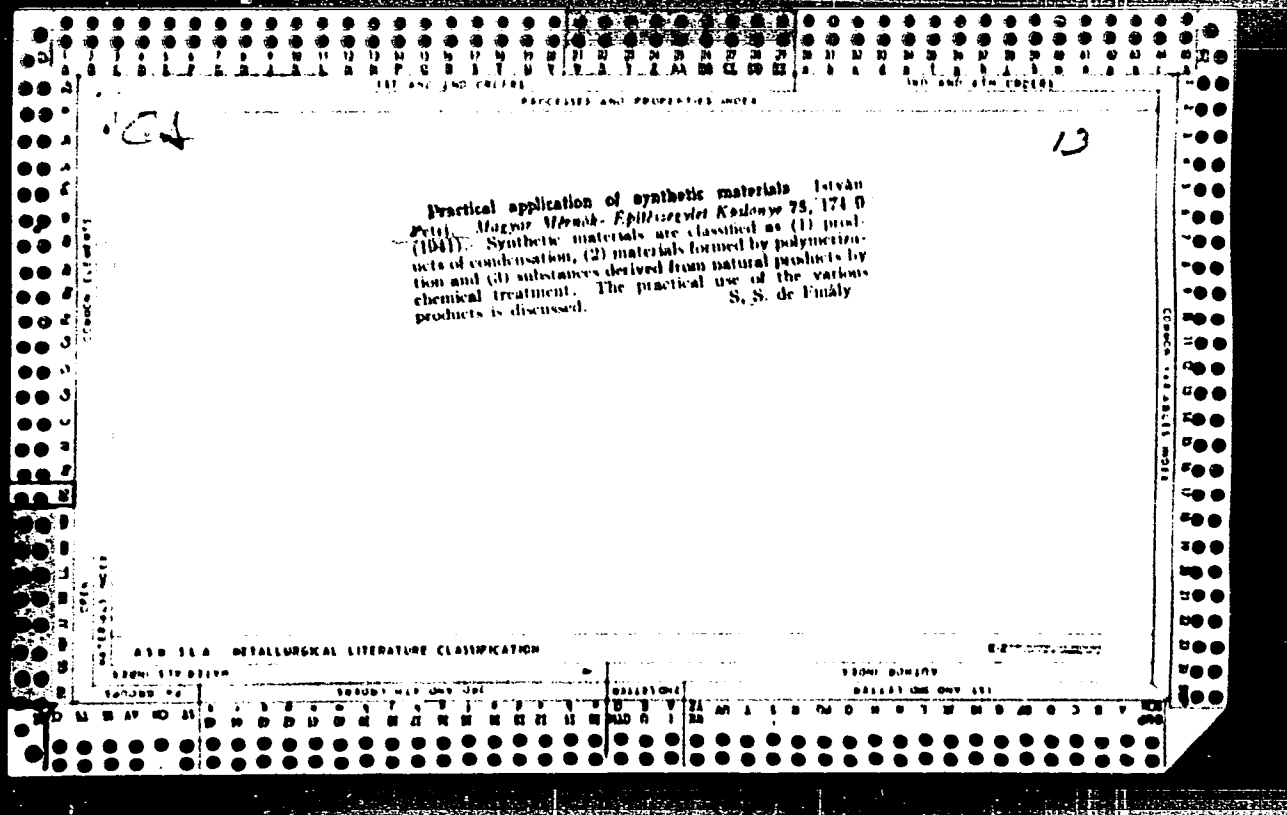
Many-sided, small-sized amplifier with low consumption. Radiotekhnika
10 no.3:92-93 Mr '60.

PRICE NO PROPERTIES INDEX

13

Manufacture of phenoplasts from brown-coal tar cresols. *Zbornik Chem. i Inz. Petri. Magyar Chem. Poljmer 49, 11-20(1943); Chem. Zvest. 1943, 8, 700—Expts. showed that in general cresols from Hun- garian brown-coal tar, purified according to Cserba and Zsch (cf. C. A. 38, 6078⁹), can be used satisfactorily in molding powders. The cresol, sold water-white and free of sulfur, contains about 60-80% m-cresol. The chem. and mech. properties of the plastics made with this cresol equal the DIN standards. In order to det. the min. amt. re- quired to impart satisfactory mech., chem. and molding properties, the m-cresol content was varied from 20 to 75%. With 25% m-cresol, the chem. and mech. prop- erties of the plastics were good but the molding properties were unsatisfactory. A satisfactory hardness could be obtained only by increasing the time of setting. Results were not judged by the abs. values obtained for it, in order to exclude expl. errors, by their relative values, i. e., values obtained by comparison with pure phenol plastics. The insufficient hardness of the cresol plastics can be im- proved by raising the content of m-cresol or by adding phenol, e. g., by using a cresol contg. 60% of the m- cresol, or by using 30% m-cresol with 30% phenol. The molding powders of the type S meet the specifications ex- cepting the hardness, like powders with cresols of other origins. This raises the manufg. costs somewhat. For the manuf. of an excellent hardness the addn. of a trifunc- tional component is required. Satisfactory resins could be made with an NiH₂ catalyst; these are a satisfactory substitute for cresols from bituminous coal in the manuf. of hardened paper, brake shoes, etc. A. K. Esterer*

DETAILED LITERATURE CLASSIFICATION



MILCZARSKA, Anna; PETRI, Stanislaw

Potentiometric titration of pyramidon with sodium hypobromite.
Acta Pol. pharm. 22 no.2:163-170 '65.

1. Z Zakładu Chemii Nieorganicznej i Analitycznej Wydziału
Farmaceutycznego Akademii Medycznej w Łodzi (Kierownik:
prof. dr. T. Lipiec).

LIPIEC, Tadeusz; KORKUC, Anna; PETRI, Stanislaw

Thioacetic acid amide, its chemical, analytical and physiological properties. Chem anal 6 no.3:287-306 '61.

1. Katedra Chemii Nieorganicznej i Analitycznej, Wydział Farmaceutyczny, Akademia Medyczna, Łódź.

PETRI, S. ; LIPIEC, T.

Argentometric determination of thioatamide (AKT) by the potentiometric method.
p. 191.

CHIMIA ANALITYCZNA. Warszawa, Poland, No. 8, August 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 11
November 1959.

Uncl.

PETKIS.M.

PETRI, S.M.

~~SECRET~~
Let us improve the repair of equipment. Gidroliz. i lesokhin. prom.
8 no.1:22 '55. (MLRA 8:10)

1. Frezerovshchik remontno-mekhanicheskogo tsekha Kanskogo gidroliz-
nogo zavoda.

(Machinery--Repairing)

PETRI, S.; LIPIEC, T.

Argentometric determination of thioacetamide (AKT) by the potentiometric method.
p. 191.

CHEMIA ANALITYCZNA. (Komisja Analityczna Polskiej Akademii Nauk i Naczelna
Organizacja Techniczna) Warszawa. Poland. Vol. 4, no. $\frac{1}{2}$, 1959.

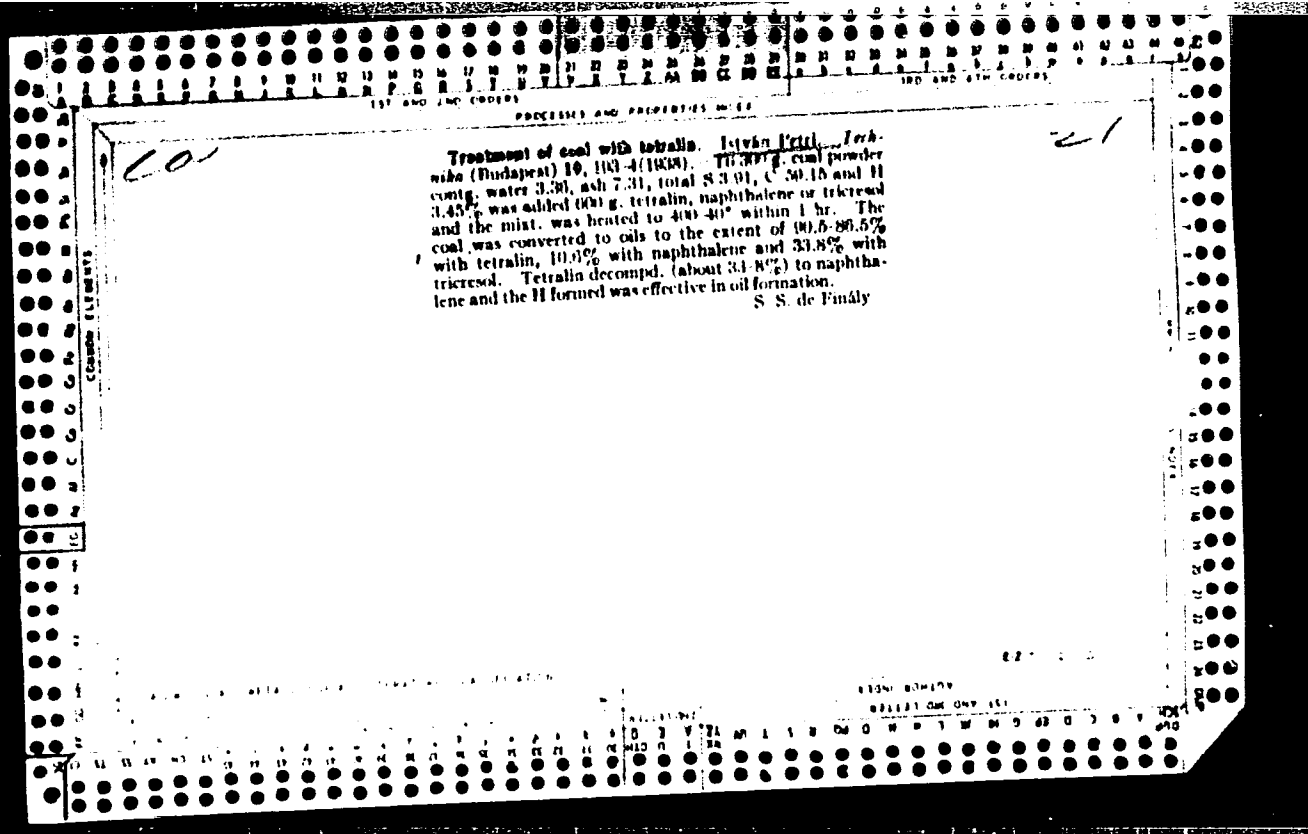
Monthly list of East European Accessions (EEAI) LC, Vol. 8, No. 8, August 1959
Uncla.

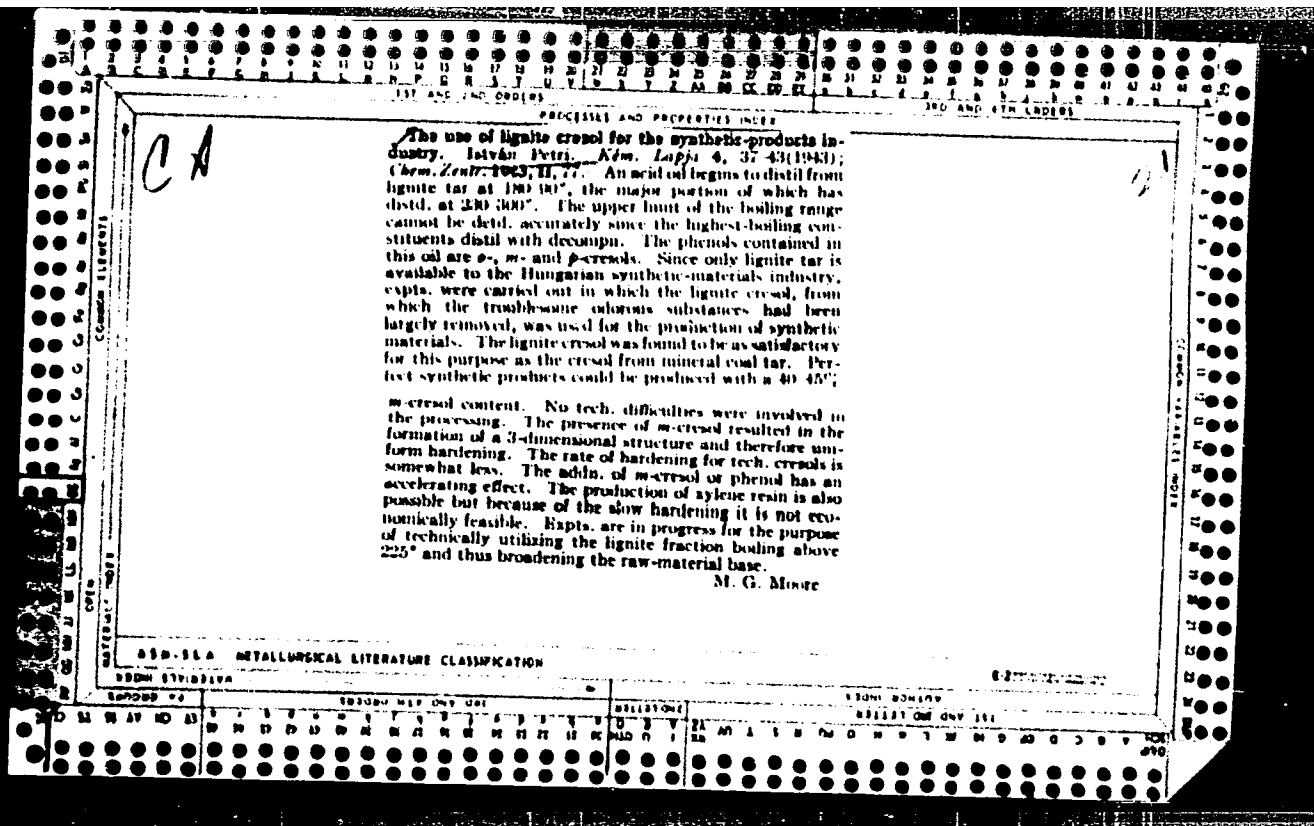
PETRI, S.; LIPIEC, T.

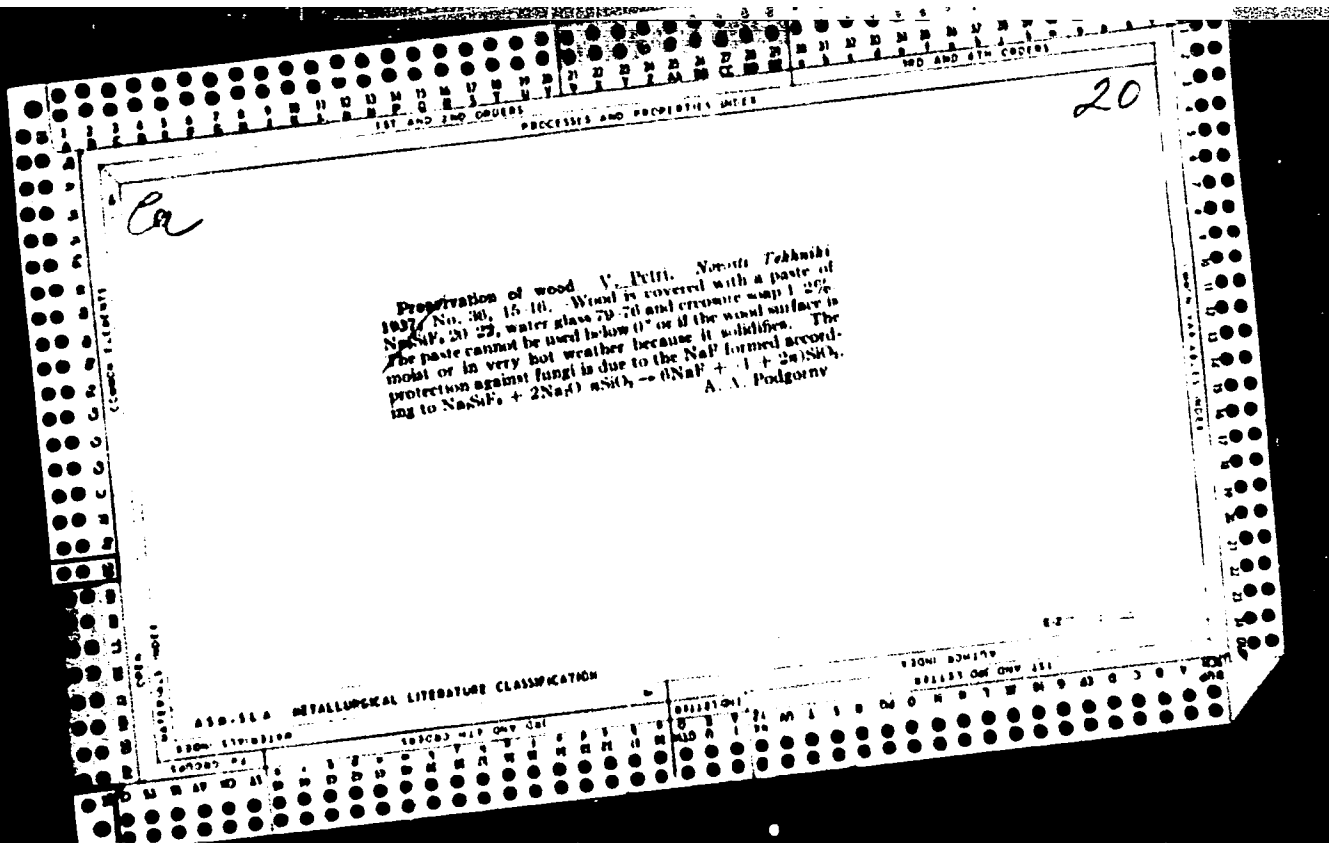
Polarographic determination of the thallium content of biological material.
p. 197.

CHEMIA ANALITYCZNA. (Komisja Analityczna Polskiej Akademii Nauk i Naczelna Organizacja Techniczna) Warszawa, Poland. Vol. 4, no. 3, 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, August 1959
Uncla.







YUSUPOVA, Z.A., inzh.; PETRI, V.N., doktor sel'skokhoz. nauk

Lignocarbhydrate wood plastics of pine chips with additions
of larch resin. Der. prom. 14 no. 12:15-17 D '65.

(MIRA 18:12)

1. Ural'skiy lesotekhnicheskiy institut.

DEMIDOVA, Zinaida Afanas'yevna; ~~PETRI, V.N.~~ prof., otv. red.;
ARDASENOVA, L.P., red. izd-va; PAL'MIN, M.Z., tekhn. red.

[Basidiomycetes injurious to the trees of the Urals; materials
on the mycology of the Urals. Vol. 1.]. Bazidial'nye griby,
porazhaiushchie drevesinu na Urale; materialy po mikologii
Urala. Sverdlovsk, Vol. 1. 1963. 48 p. (Akademiia nauk SSSR,
Ural'skii filial. Institut biologii. Trudy, no.32).

(MIRA 16:6)

(Ural Mountains--Basidiomycetes)

VAKHUSHEVA, I.A.; PETRI, V.N.

Use of larch shavings and sawdust for the manufacture of wood
plastics without bonding. Der.prom. 11 no.11:9-10 N '62.

(MIRA 15:12)

(Wood, Compressed)

(Larch)

BELENKOV, D.A.; PETRI, V.N.; FOKINA, A.G.

Investigating the decay resistance of the antisepticized wood of various tree species and the toxicity of new antiseptics upon house fungi. Trudy Inst. biol. UFAN SSSR no.17:129-147 '60.

(MIRA 14:4)

(WOOD-DECAYING FUNGI)

(WOOD PRESERVATIVES)

PETRI, V.N., doktor sel'khoz. nauk, prof.

Z.A. Demidova has devoted 40 years to scientific work. Trudy Inst.
biol. UFAN SSSR no.17:149-150 '60. (MIRA 14:4)
(DEMIDOVA, ZINAIDA AFANAS'EVNA, 1900-)

BELENKOV, D.A.; PETRI, V.N.; PERMIKIN, I.P.

Investigating the decay resistance of the wood of various tree species
under laboratory conditions and in buildings. Trudy Inst. biol.
UFAN SSSR no.17:73-97 '60. (MIRA 14:4)
(WOOD-DECAYING FUNGI)

PETRI, V.N., doktor sel'khoz.nauk; PERMIKIN, I.P., inzh.

Preservation treatment of particle boards. Der. prom. 10 no. 4:12-13
Ap '64. (MIRA 14:4)

(Hardboard) (Wood preservatives)

PETRI, V.N., doktor sel'skokhozyaystvennykh nauk; FOKINA, A.B., inzh.

New combination preservatives for wood. Der.prom. 9 no.8:14-15
Ag '60. (MIRA 13:8)

(Wood preservatives)

PETRI, V.N., professor, doktor sel'skokhozyaystvennykh nauk;
PERMIKH, I.P., inzh.

Door leaves made of pressed sawdust. Stroi.mat. 6 no.2:19
F '60. (MIRA 13:6)
(Doors) (Wood waste)

PETRI, V.N., doktor sel'skex.nauk; PERMIKIN, I.P., inzh.

Effect of petrelatum on the strength of joints in glued wood.
Dcr. prem. 8 no.7:13-14 J1 '59. (MIRA 12:9)

1.Nauchno-issledovatel'skiy institut promyshlennykh zdaniy i
sooruzheniy Akademii stroitel'stva i arkhitektury SSSR.
(Gluing) (Woodwork)

IVANOV, Yu.M., prof.; PANFILOVA, A.L., nauchnyy sotrudnik; PANFEROV, K.V. ,
nauchnyy sotrudnik; PETRI, V.N., prof.; MOROZOV, M.I., nauchnyy
sotrudnik; PERMIKIN, I.P., nauchnyy sotrudnik

Moisture-resistant parquet staves made of birch or beech. Rats. 1
izobr. predl. v stroi. no.5:27-30 '58. (MIRA 11:6)

1. Tsentral'nyy nauchno-issledovatel'skiy institut stroitel'nykh
konstruktsiy Aladenii stroitel'stva i arkhitektury SSSR (for
Panfilova, Panferov), stantsiye Perovo - 3 Moskovskoy oblasti.
2. Sverdlovskiy filial Vsesoyuznogo nauchno-issledovatel'skogo
instituta promyshlennykh sooruzheniy (for Morozov, Permikin),
Sverdlovsk, ul. Krenkelya, d.5. (MIRA 11:6)
(Parquet floors)

PETRI, V.N.

Category : USSR / Plant Diseases. Diseases of Trees

N-2

Abs Jour : Ref Zhur - Biol., No 6, March 1957, No 22942

Author : Belenkov, D.A., Petri, V.N.

Title : Toxicity of Sodium Fluoride to Timber-Destroying Fungi
when Used as an Antiseptic for Lumber of Different Varieties.

Orig Pub : Sb. tr. fak. mekhan. tekhnol. drevesiny. Uralskiy lesotekhn.
in-t, 1956, No 1, 52-58

Abstract : The study of NaF toxicity to woody tissues was conducted on birch, aspen, linden, fir and cedar. The woody tissue of pine, on which the effect of sodium fluoride toxicity is known, served as a control. The determination of biological resistance of sodium fluoride-antisepticized woody tissue of different varieties was conducted with 4 species of timber-destroying fungi: *Coniophora cerebella* (Pers.) Schroet; *Serpula lacrymans* (Wulf.) S.F. Gray, *Coriolus vaporarius* (Fr.) Bond. et Sing. and *Fomitopsis pinicola* (Sw) Derst. (nomenclature by the system of A.S. Bondartsev and R.A. Zinger). The tests were conducted by the VIAM method (wood sawdust) with some changes. Tests showed a difference in NaF dose-size for woody tissues of different varieties.

Card : 1/2

Category : USSR / Plant Diseases. Diseases of Trees

N-2

Abs Jour : Ref Zhur - Biol., No 6, March 1957, No 22942

For birch woody tissue the dose limit for *C. cerebella* is 0.42% of the dry antiseptic on absolute dry wood weight; for cedar, linden and aspen, 0.527-0.577%; for pine 0.756% and for fir 1.003%. In testing on woody tissue of one variety no differences in dosage limits for tested species of timber-destroying fungi were found. At the same time, a study was conducted on the possibility of wood destruction by timber-destroying fungi with high original moisture in woody tissue. The data show that with development of aerobic fungi the destruction of woody tissue proceeds intensively even under conditions of high moisture.

Card : 2/2