

MIFF, N.P.; YAKOBSON, B.M.

Mercury-jet commutators used in multiple-point control systems.
Priborostroenie no.11:15-18 N '58. (MIRA 11:12)
(Electronic control) (Commutation (Electricity))

SOV/119-58-11-6/15

Mercury Jet Commutators in Systems for the Control of Many Points

time for contact	~ 0.0015 sec.
transition-resistance	< 0.05 Ω
maximum contact current in the case of inductionless load	0.5 A
maximum voltage between contacts	100 V
insulation resistance between contacts after long operation	> 1 M Ω
power output of the motor	10 VA
weight of the commutator including motor	5 kg

Two examples showing the working of the mercury-jet commutator are given both in the block-scheme and in the principal wiring circuit:

- a) A signal system indicating deviations from the adjusted parameters, where a Braun-tube is used as a signal panel.
 - b) A signal system indicating deviations from the adjusted parameters, in which Neon lamps are used as a signal panel.
- There are 7 figures.

Card 2/2

8(3)

SOV/119-91-11-6/15

AUTHORS: Kif, N. P., Engineer, Yakobson, B. K., Engineer

TITLE: Mercury Jet Commutators in Systems for the Control of Many Points (Rtutno-struynyye kommutatory v sistemakh mnogotochechnogo kontrolya)

PERIODICAL: Priborostroyeniye, 1958, Nr 11, pp 15-18 (USSR)

ABSTRACT: In a mercury jet commutator a tube rotates in a fixed container filled with mercury; the end of the tube is tapered like a jet. The jet is filled with mercury by means of a centrifugal force. When leaving the jet, the mercury reaches contacts and thus closes a circuit. A sectional drawing of a 2-bank commutator is given. This 100-point commutator has the following technical data:

diameter of case	250 mm
height including electromotor	150 mm
number of contacts in one bank	100
number of banks	2
time needed for one revolution	~ 0,3 sec.
switching-over time	0,0035 sec.

Card 1/2

MIEZYNSKI, M

POL.

3311

64647121 : 642973 : 646319

Krause A., Kotkowski S., Miezynski M. Zinc sulphides in the Process of Decomposition of Hydrogen Peroxide Solution.

„Szlaczki cynku jako katalizatory w procesie rozkladu wody utlenionej”. Przemysl Chemiczny, No. 2, 1954, pp. 66-68, 7 tabs.

The process was investigated of decomposing H_2O_2 in the presence of zinc sulphides: wurtzite, sphalerite and ZnS precipitated from $ZnSO_4$ solution. Natural and precipitated sulphides, activated by ions form catalytic compounds showing distinct differences as regards the rate of decomposition of hydrogen peroxide solution. In this way, some minerals can be characterized and isolated as industrial catalysts.

(2)

MIEZIVA, J.

MIEZIVA, J. - Thermal decomposition of pentaerythritel. p. 164, v. 1. 50,
no. 1, Jan. 1956
CHEMICKÉ LISTY (Československá akademie věd. Chemický ústav)
Praha, Czech.

SOURCE: EAST EUROPEAN ACCESSIONS LIST (EFAL) VOL 6 NO 4 April 1957

Mieczak V.

A-5

USSR/General Division. Conservation of Nature.

Abs Jour: Ref. Zhur. Biologiya, No 4, 1958, 14249.

Author : Mieczak V.

Inst :

Title : In Defence of the Wild-Boar

Orig Pub: Okhota i okhotn. kh-vo, 1957, No 6, 26

Abstract: No abstract.

Card : 1/1

-19-

ILLEGIBLE

ILLEGIBLE

ILLEGIBLE

MIETKOWSKI, Kazimierz; WOJCIECHOWSKI, Kazimierz; KOPACZYK, Franciszek

Histological and histochemical studies on undescended testes.
Pol. przegl. chir. 35 no.10/11:1027-1029 '63.

1. Z Zakladu Histologii Prawidlowej i Embriologii AM w Poznaniu
Kierownik: prof. dr K. Mietkiewski i z I Kliniki Chirurgicznej
AM w Poznaniu Kierownik: prof. dr S. Nowicki.

(CRYPTORCHISM) (PATHOLOGY)
(HISTOCHEMISTRY) (GONADOTROPINS, PITUITARY)
(TESTOSTERONE)

MIETKIEWSKI, Kazimierz; KOZIK, Mirosław

Effect of pituitrol on histochemistry of neurosecretions of the hypothalamo-pituitary system in the guinea pig. *Pozn. tow. przyjac. nauk wydz. lek.* 27:171-193 '64.

MIETKIEWSKI, Kazimierz; TWARDOSZ, Wladyslaw; TROJANOWICZ, Roman

Experimental studies on the prostate gland in dogs. Acta med.
Pol . 6 no.1:63-76 1965

1. Department of Normal Histology and Embryology, Medical
Academy, Poznan (Director: prof. dr. K. Mietkiewski) and
1st Surgical Clinic, Medical Academy, Poznan (Director:
prof. dr. St. Nowicki).

PISKORZ, Adam; MIETKIEWSKI, Kazimierz; KOPACZYK, Franciszek; HRYNIEWIECKI, Jan; JURCZYK, Witold; STENCERT, Krzysztof

Studies on the secretory activity of hypothalamic nuclei in experimental shock. Pol. przegl. chir. 36 no.3:349-356 Mr '64.

1. Z III Kliniki Chirurgicznej Akademii Medycznej w Poznaniu (Kierownik: prof. dr A. Piskorz) i z Zakładu Histologii Prawidłowej i Embriologii Akademii Medycznej (Kierownik: prof. dr K. Mietkiewski).

MIETKIEWSKI, Kazimierz, prof. dr.; WALCZAK, Mieczyslaw, CYMERYŚ, Zbigniew,
RUCKI, Tadeusz

Histogenesis of the human testicle in postnatal life. Folia
morphol. 22 no.3:209-223 '63

1. Zakład Histologii Prawidłowej i Embriologii, Akademia Medy-
czna, Poznań, (Kierownik: prof. K. Mietkiewski) i Klinika Po-
łożnictwa i Chorob Kobięcych, Akademia Medyczna, Poznań
(Kierownik: prof. dr. W. Michalkiewicz).

*

MIETKIEWSKI, Kazimiera; KOSIŃSKI, Miroslaw

The effect of α -tocopherol acetate on neurosecretion in the hypothalamo-pituitary system in the guinea pig. Acta med. Pol. 4 no.3:243-268 1965.

1. Department of Physiology, Medical Academy, Poznan
Prof. Dr. K. Miękiewicz, Department of Neurology, Medical
Academy, Poznan, Director Prof. Dr. A. Dowzenko.
(HYPOTHALAMUS) (VITAMIN E)
(PITUITARY GLAND, POSTERIOR)
(STATES AND STAINING)
(HISTOCHEMISTRY)

MIETKIEWSKI, Kazimierz; CYMERYS, Zbigniew; RUCKI, Tadeusz; WALCZAK, Mieczyslaw

Contributions to histochemical studies on the embryonic testis.
Acta med. pol. 3 no.4:293-305 '62.

1. Department of Normal Histology and Embryology, Medical Academy,
Poznan. Director: Prof. Dr. Mietkiewski I Obstetrical and Gynecological
Clinic, Medical Academy, Poznan. Director: Prof. Dr W. Michalkiewicz.
(TESTIS) (ASCORBIC ACID) (FETUS) (LIPIDS)
(RIBONUCLEIC ACID) (GLYCOGEN) (PHOSPHATASES)

MIETKIEWSKI, Kazimierz; KOZIK, Mirosław

Histochemical investigations of neurosecretion in guinea pigs.
Acta medica polona 3 no.3:247-256 '62.

1. Department of Normal Histology and Embryology, Medical Academy,
Poznan Director: Prof. Dr. K. Mietkowski The Neurologic Clinic,
Medical Academy, Poznan Director: Prof. Dr. A. Dowzenko.
(PITUITARY GLAND) (HYPOTHALAMUS)

BORSZEWSKI, J.; MIETKIEWSKI, K.; SROKA, L.

Surgical treatment of sterility in men caused by occlusion of the seminal vesicles. *Gin. polska* 29 no. 4:365-374 July-Aug 58.

1. Z III Kliniki Chirurgicznej A. M. w Poznaniu Kierownik: doc. dr J. Borszewski Z Zakladu Histologii prawidlowej i Embriologii A. M. w Poznaniu Kierownik: prof. dr T. Kurkiewicz Z I Kliniki Poloznictwa i Chorob Kobiety A. M. w Poznaniu Kierownik: doc. dr W. Michalkiewicz.
Adres: Poznan, Szkolna 8/12.

(SEMINAL VESICLES, dis.

occlusion causing sterility, surg. (Pol))

(STERILITY, MALE, etiol. & pathogen.

seminal vesicle occlusion, surg. (Pol))

MIETKIEWSKI, Kazimierz; BORSZEWSKI, Jerzy; SROKA, Leopold

Histological and histochemical investigations on the testes in certain types of sterility in men. Polskie arch. med. wewn. 28 no.1:49-55 1958.

1. Z Zakładu Histologii Prawidłowej i Embriologii A. M. w Poznaniu
Kierownik: prof. dr T. Kurkiewicz. Z III Kliniki Chirurgicznej A.M. w
Poznaniu Kierownik: doc. dr med. J. Borszewski Z I Kliniki Położnictwa
i Chorob Kobięcych A.M. w Poznaniu Kierownik: doc. dr med. W. Mikalkiewicz
Adres: Poznań ul. Świecickiego 6, Zakład Histologii Prawidłowej i Embrio-
logii.

(TESTES, anatomy & histology
in sterility, histol. & histochem. studies in men (Pol))

(STERILITY, MALE,
histol. & histochem. studies of testes in men (Pol))

MIETKIEWSKI, K.

Seasonal changes in the endocrine glands in male moles. *Fol. morph.*,
Warsz. 3 no. 4a:444-472 1952. (CJML 24:2)

1. Of the Institute of Histology and Embryology (Head -- Prof. Tadeusz
Kurkiewicz, M.D.) of Poznan Medical Academy.

MIKIEWSKI, Eugeniusz; LICHWA, Eugeniusz

Comparative studies on the blood transaminase activity in experimental shock. IV. Glucamic-oxaloacetic and glutamic-pyruvic transaminase activity in the blood serum in insulin and peptone shock. *Acta physiol. Pol.* 15 no.5:635-642 6-0 1962

1. W Zakladu Fizjologii Pomorskiej Akademii Medycznej w Szczecinie (Kierownik: prof. dr. E. Mielkiewicz).

MIETKIEWSKI, Eugeniusz; KLINER, Romuald

on the effect of ultraviolet rays on the blood sugar level in rabbits. *Acta physiol.* Vol. 15 no. 5163-634 S-J '64

1. Z Zakładu Fizjologii Akademii Medycznej w Szczecinie (Kierownik: prof. dr. R. Miętkiewski).

ILLEGIBLE

MIETKIEWSKI, Eugeniusz

Polish physiology at the 100th anniversary of the January
Uprising. Acta physiol. Pol. 15 no. 4 suppl. 1-23 1964

1. Zakład Fiziologii Pomorskiej Akademii Medycznej w Gdańsku
(Kierownik: prof. dr. E. Mietkiewicz).

MIETKIEWSKI, Eugeniusz; STANISZEWSKI, Leszek

On chromoxy of the labyrinthine system of the rabbit under the influence of changes in serotonin level in the brain. Acta physiol. pol. 14 no.2:145-156 '63.

1. Z Zakładu Fizjologii Pomorskiej AM w Szczecinie Kierownik:
prof. dr E. Mietkiewski.

(SEROTONIN) (BRAIN) (METABOLISM) (LABYRINTH)
(REFLEX) (CREATINE AND CREATININE) (IPRONIAZID)
(PHARMACOLOGY)

L 17265-63

P/056/63/014/001/002/004
1

Effect of artificial hibernation...

with a peak increase of no more than double after 6 hours, and return to normal level after a few days. Shock (II) produced a rise in GPT by 20 times and in GOT by 10 times, with the same results for rats hibernated prior to the shock (III). Authors conclude that, as assessed from blood transaminase activity, the Noble-Collip shock was not prevented by artificial hibernation. There are 2 tables and 2 figures, and 14 references, of which 4 are Polish and 10 Western.

ASSOCIATION: Zaklad Fizjologii i Zaklad Chemii Fizjologicznej Pomorskiej AM (Department of Physiology and Department of Physiological Chemistry of the Pomerania Academy of Medicine) Szczecin

SUBMITTED: August 16, 1962

L Card 3/3

L 17265-63

P/056/63/014/001/002/004
0

Effect of artificial hibernation...

I - 90 rats in which hyperthermia and hibernation were induced, II - 200 rats subjected to traumatic shock, and III - in which both I and II were induced. Artificial hibernation was produced by injection of a lytic cocktail, composed of 3 g each of largactil and phenergan and 6 mg per kg of body weight of dolantine, and subsequent air-cooling at - 2°C. Traumatic shock was produced by the Noble-Collip method in a drum designed by the authors for 15 minutes at 45 rpm. GPT and GOT determinations were made by the Reitmann and Frankel colorimetric method on samples of aspirated blood, flowing directly to the chest cavity after resection of one lung of the etherized animal, drawn after 1, 2, and 6 hours of hibernation, 12 hours after cooling to 19°C (or 6 hours after rewarming), and at daily intervals during the first week, or at the same intervals after induction of shock. Authors established that without shock (I), hibernation increased moderately the activity of the two enzymes,

L Card 2/3

MIETKIEWSKI, E.

L 17265-63
ES(j)/ES(c)/ES(k)

EWB(m)/BDS/ES(a) P/056/63/014/001/002/004
AMD/ASD/AFFTC/AFMDC/APGC Pb-4 A

1/6
65

AUTHOR:

Mietkiewski, E., Professor, Doctor; Stani-
szowski, L.; Lempicki, E., Doctor; and
Mandat, A.

TITLE:

Effect of artificial hibernation on serum
transaminase activity of rats in normal con-
ditions and in traumatic shock ?

PERIODICAL:

Acta Physiologica Polonica, v. 14, no. 1,
1963, 45-54.

TEXT:

As a link in the authors' comprehensive stu-
dy on the pathogenesis of shock and the biochemical, espe-
cially enzymatic, factor in shock mechanism, the authors
undertook the above study [see title] to determine the
hitherto unstudied effect of hibernation on the enzymatic
processes which change so typically in shock, and specific-
ally how it affects traumatic shock evaluated on the basis
of transaminase activity in the serum. Study comprised 330
rats divided, in addition to controls, into three groups:

Card 1/3

MIETKIEWSKI, Eugeniusz; JANKOWSKA, Irena

On the effect of 5-hydroxytryptophan iproniazid on oxygen utilization by rat tissues breathing in vitro. Acta physiol. polon. 13 no.4:511-520 '62.

1. Z Zakładu Fizjologii AM w Szczecinie Kierownik: prof. dr E. Mietkiewski.
(TISSUE METABOLISM) (TRYPTOPHAN) (IPRONIAZID)
(SEROTONIN)

MIEPKIEWSKI, Eugeniusz; LICNOTA, Eugeniusz

Contribution to the study on the central effect of lysergic acid diethylamide. Acta physiol. polon. 13 no.2:227-237 '62.

1. Z Zakładu Fizjologii Pomorskiej AM w Szczecinie Kierownik: prof. dr E. Mietkiewski.

(LYSERGIC ACID DIETHYLAMIDE pharmacol) (LABYRINTH pharmacol)
(BODY TEMPERATURE pharmacol)

MIETKIEWSKI, Eugeniusz; PRYSZCZEWSKA, J.

On increase neural activity in the rat under the influence of serotonin level changes in the brain. Acta physiol. Pol. 13 no.1:115-124 '62.

1. Z Zakładu Fizjologii Pomorskiej A.M. w Szczecinie Kierownik: prof. dr E. Mietkiewski.

(BRAIN metab) (SEROTONIN metab)
(REFLEX CONDITIONED pharmacol)

MIETKIEWSKI, Eugeniusz; STANISZEWSKI, L.; LEMPICKI, E.; MANDAT, A.

Comparative studies on the blood transaminase activity in experimental shock. II. Transaminase activity in anaphylactic and traumatic tourniquet shock. Acta physiol pol 12 no.4:537-548 '61.

1. Z Zakładu Fizjologii Kierownik: prof. dr E.Mietkiewski Z Zakładu Chemii Fizjologicznej Pomorskiej A.M. w Szczecinie Kierownik: prof. dr E.Lempicki.
(TRANSAMINASES blood) (SHOCK exper) (ALLERGY exper)

MIETKIEWSKI, Eugeniusz; STANISZEWSKI, L.; LEMPICKI, E.; MANDAT, A.

Comparative studies on the blood transaminase activity in experimental shock. I. Transaminase activity in histamine and traumatic Noble-Collip shock. Acta physiol pol 12 no.4:529-536 '61.

1. Z Zakładu Fizjologii A.M. w Szczecinie Kierownik: prof. dr
E. Mietkiewski Z Zakładu Chemii Fizjologicznej A.M. w Szczecinie
Kierownik: prof. dr E. Lempicki.
(SHOCK exper) (TRANSAMINASES blood)
(HISTAMINE pharmacol)

MIETKIEWSKI, Eugeniusz; JANKOWSKA, Irena

On the effect of serotonin and reserpine on in vitro oxygen consumption by rat tissues. Acta physiol pol 12 no.4:517-528 '61.

1. Z Zakładu Fizjologii Pomorskiej A.M. w Szczecinie Kierownik:
prof. dr. E. Mietkiewski.
(RESERPINE pharmacol) (SEROTONIN pharmacol)
(TISSUE METABOLISM pharmacol)

MIETKIEWSKI, E.; KAMYSZEW, A.; JANKOWSKA, I.

On oxygen uptake by isolated rat tissues during shock and
experimental hibernation. Acta physiol.polon. 11 no.5/6:
839-840 '60.

1. Z Zakładu Fizjologii Pomorskiej A.M. w Szczecinie, Kierownik:
prof.dr E.Mietkiewski.

(TISSUE METABOLISM)

(SHOCK exper)

(HIBERNATION ARTIFICIAL)

MIETKIEWSKI, E.; STANISZEWSKI, L.; MANDAT, A.

On serum transaminase activity in certain experimental shocks.
Acta physiol.polon.11 no.5/6:837-838 '60.

1. Z Zakladu Fizjologii Pomorskiej A.M. w Szczecinie, Kierownik:
prof.dr E.Mietkiewski. Z Zakladu Chemii Fizjologicznej Pomorskiej
A.M. w Szczecinie, Kierownik: prof.dr E.Lempicki.
(TRANSAMINASES blood)
(SHOCK exper)

MIETKIEWSKI, E.; STANISZEWSKI, L.

On the effect of serotonin on chronaxy of the labyrinth in rabbits.
Acta physiol.polon. 11 no.5/6:835-837 '60.

1. Z Zakladu Fizjologii Pomorskiej A.M. w Szczecinie. Kierownik:
prof.dr E.Mietkiewski.

(SEROTONIN pharmacol)

(LABYRINTH pharmacol)

MIEPKIEWSKI, E.; JANKOWSKA, I.

On the effect of serotonin and reserpine on tissue oxygen consumption in rats. Acta physiol. polon. 11 no. 5/6: 833-835 '60.

1. Z Zakładu Fizjologii Pomorskiej A.M. w Szczecinie, Kierownik: prof. dr E. Mietkewski.

(SEROTONIN pharmacol)

(RESERPINE pharmacol)

(TISSUE METABOLISM pharmacol)

MIETKIEWSKI, E.; CYRUS, Z.

Effect of physical hypothermia and of pharmacological hibernation on the course of traumatic shock in rats. Acta physiol.polon. 11 no.5/6:831-833 '60.

1. Z Zakladu Fizjologii Pomorskiej A.M. w Szczecinie. Kierownik:
prof.dr E.Mietkiewski.
(SHOCK exper)
(BODY TEMPERATURE)
(HIBERNATION ARTIFICIAL)

~~MIETKIEWSKI, E.~~; PRYSZCZEWSKA, J.

Effect of serotonin on the nervous system in rats studied by means of a conditioned reflex method. Acta physiol. polon. 11 no.5/6:828-830 '60.

1. Z Zakładu Fizjologii Pomorskiej A.M. w Szczecinie. Kierownik: prof.dr E.Mietkiewski.

(REFLEX CONDITIONED pharmacol)
(SEROTONIN pharmacol)

MIETKIEWSKI, E.; KOSCIOLEK, E.; KOSCIOLEK, E.

Nervous system function tests in rats performed with the aid of conditioned reflexes in traumatic shock. Acta physiol.polon. 11 no.5/6:826-828 '60.

1. Z Zakładu Fizjologii Pomorskiej A.M. w Szczecinie, Kierownik:
prof.dr E.Mietkiewski.
(REFLEX CONDITIONED)
(SHOCK exper)

MIETKIEWSKI, Eugeniusz; NOWACZKIEWICZ, Urszula

On the effect of hypothermia on the level of blood sugar during histamine and anaphylactic shocks in cats. Acta physiol.polen. 11 no.3:385-394 My-Je '60.

1. Z Zakladu Fizjologii Pomorskiej A.M. w Szczecinie Kierownik:
prof. dr E.Mietkiewski.
(ALLERGY exper)
(BLOOD SUGAR)
(HISTAMINE pharmacol)
(HYPOTHERMIA INDUCED exper)
(SHOCK exper)

MIETKIEWSKI, E.; SZAWLOWSKA, Z.

Chronaxy of reflexes from the vestibular nerve during artificial hibernation. Acta physiol. polon. 10 no.5:605-617 Sept-Oct 59.

1. Z Zakladu Fizjologii A. M. w Szczecinie Kierownik: prof. dr E. Mietkiewski.

(VESTIBULAR APPARATUS, physiol.)
(HIBERNATION, ARTIFICIAL, eff.)

EXCERPTA MEDICA Sec 2 Vol 12/9 Physiology Sept 59

4448. DEVELOPMENT OF PEPTONE SHOCK IN HYPOTHERMIC DOGS - Verlauf des Peptonschocks bei künstlich unterkühlten Hunden - Miętkiewski E., Gracki H. and Szczepański B. *Physiol. Inst., Med. Akad., Szczecin* - ARCH. INT. NEUROL. 1958, 117/3-4 (328-340) Graphs 5 Tables 5

Experiments were performed on hypothermic dogs (thiopental anaesthesia, body temperature 25-26°). I. v. injection of a 25% solution of peptone (1.2 ml./kg.) produced in control animals and also in hypothermic dogs a shock state which was not much influenced by simultaneous administration of chlorpromazine (4-5 mg./kg.). Chlorpromazine sometimes even protracted the duration of shock. I. v. administration of antazoline (5-10 mg./kg.) did not completely abolish the manifestations of peptone shock; only the blood pressure and the frequency of respiration returned more quickly to the normal state. It is suggested therefore, that the mechanism of this form of shock depends on a direct toxic action of the injected peptone and not only on the release of endogenous histamine. Guzek - Cracow (II, 5*)

MIETKIEWSKI, B., ZIELINSKA, B. KOSCIOLEK, H.

Conditioned reflex method in the study of the effect of histamine and insulin on the central nervous system in rats. *Acta physiol. polon.* 9 no.2:143-159 1958

1. Z Zakladu Fiziologii Pomorskiej A.M. w Szczecinie. Kierownik: prof. dr B. Mietkiewski.

(HISTAMINE, effects,
on conditioned reflex funct. in rats (Pol))

(INSULIN, effects,
same (pol))

(REFLEX, CONDITIONED,
eff. of histamine & insulin (Pol))

EXCERPTA MEDICA Sec 0 Vol 13/10 Surgery Oct. 59

5572. (1294) INFLUENCE OF HYPOTHERMIA ON SOME SHOCK REACTIONS -
Wplyw hipotermii doświadczalnej na niektóre reakcje wstrzasowe - Miel-
kiewski E. Zakl. Fizjol. Pomorsk. Akad. Med., Szczecin - RÓCZN.
P. A. M. 1958, 4 (181-192) Graphs 11

Four experimental groups of animals have been used by the author to determine the influence of experimental hypothermia on the origin, course and cessation of anaphylactic shock brought about by pigmentary, histamine and hypotensive toxic ACh reactions. Although the experimental hypothermia does not fully prevent the onset of anaphylactic shock, it weakens the anaphylactic reaction and reduces the mortality rate of experimental animals.

5572 (1294) INFLUENCE OF HYPOTHERMIA ON SOME SHOCK REACTIONS

Poland/General Problems of Pathology - Shock

U-1

Abs Jour : Ref Zhur - Biol., No. 18, 1958, 84811

Abstract : trols, the intravenous injection of five mg/kg of largactyl also did not protect the animals from the effects of the peptone. From the author's resume.

Card 2/2

Poland/General Problems of Pathology - Shock

U-1

Abs Jour : Ref Zhur - Biol., No. 18, 1958, 84:811

Author : Mietkiewski, E., Gracki, H., Szczepanski, B.

Inst : No institute is given

Title : Peptone Shock in Dogs during Artificial Cooling

Orig Pub : Acta Physiol. Polon., 1957, Vol. 8, No. 4, 637-653

Abstract : Under pentothal narcosis 25 dogs were caused to undergo shock by the injection into the blood stream of 1.2 mL/kg of a 20 percent solution of peptone. In those cooled to 25-26 degrees C, shock came on more slowly and was milder than in the normal, but the manifestations of shock persisted longer than in the normal controls. The preliminary injection of four to five mg/kg of largactyl to the cooled animals deepened the peptone shock. The intravenous injection of four to ten mg/kg of antistine did not protect the anesthetized dogs from the development of shock, but the manifestations of shock were eliminated more quickly. In non-cooled con-

Card 1/2

MIETKIEWSKI, E.; KAMYSZEW, A.; HURYNOWICZ, J.

Chronaxymetric studies on the vagus system in artificial hibernation.
Acta physiol. polon. 8 no.3:466-467 1957.

1. Z Zakładu Fizjologii Pomorskiej A. M. w Szczecinie Kierownik: prof.
dr E. Mietkiewski Z Zakładu Neurofizjologii i Fizjologii Porównawczej
Uniwersytetu im. M. Kopernika w Toruniu Kierownik: prof. dr J. Hurynowicz.

(HIBERNATION, ARTIFICIAL, effects,
on vagal chronaxymetry (Pol))

(NERVES, VAGUS, physiology,
chronaxymetry, eff. of artif. hibernation (Pol))

MIETKIEWSKI, E.; KAMYSZEW, A.; HURYNOWICZ, J.

Chronaxometric studies of the vagus system in rabbits in artificial hypothermia. Acta physiol. polon. 8 no.3:464-465 1957.

1. Z Zakładu Fizjologii Pomorskiej A. M. w Szczecinie Kierownik: prof. dr E. Mietkiewski Z Zakładu Neurofizjologii i Fizjologii Porównawczej Uniwersytetu im. M. Kopernika w Toruniu Kierownik: prof. dr J. Hurynowicz.

(HYPOTHERMIA, effects,
on vagal chronaxymetry (Pol))
(NERVES, VAGUS, physiology,
chronaxymetry, eff. of hypothermia (Pol))

MIETKIEWSKI, E.; ZIELINSKA, E.; KOSCIOLEK, E.

Conditioned reflex technic of investigation on the effect of histamine and insulin on the central nervous system in rats. Acta physiol. polon. 8 no.3:462-464 1957.

1. Z Zakladu Fizjologii Pomorskiej A. M. w Szczecinie Kierownik: prof. dr E. Mietkiewski.

(REFLEX, CONDITIONED,

eff. of histamine & insulin (Pol))

(HISTAMINES, effects,

on conditioned reflex action in rats (Pol))

(INSULIN, effects,

same)

MIETKIEWSKI, B.

Sensitivity of animals to chemical factors inducing shock in artificial hibernation. Acta physiol. polon. 8 no.3:460-462 1957.

1. Z Zakładu Fizjologii Pomorskiej A. M. w Szczecinie Kierownik: prof. dr B. Mietkiewski.

(HIBERNATION, ARTIFICIAL, effects,

on shock inducing agents sensitivity (Pol))

(SHOCK, experimental,

eff. of artif. hibernation on sensitivity to shock-inducing substances (Pol))

MIETKIEWSKI, E.; GRACKI, H.; SZCZEPANSKI, B.

Peptone shock in artificial hibernation in dogs. Acta Physiol. polon.
8 no.3:459-460 1957.

1. Z Zakładu Fizjologii Pomorskiej A. M. w Szczecinie Kierownik: prof.
dr E. Mietkiewski.

(HIBERNATION, ARTIFICIAL, effects,
on peptone shock (Pol))

(PEPTONES, effects,
exper. shock, in artif. hibernation (Pol))

(SHOCK, experimental,
peptone induced, eff. of artif. hibernation (Pol))

M. IETKIEWSKI, E.

✓
MEX

Chemoreceptors in the blood vessels of the rabbit ear. Eugeniusz Mielkiewski (Physiol. Inst. Med., Szczecin, Poland). *Arch. intern. pharmacodynamie* 104, 373-377 (1950)(in German).--The perfused rabbit ear, isolated except for the nerve, was used to investigate its chemoreceptors. Adrenaline, nicotine, or acetylcholine added to the perfusion fluid cause a sudden and profound drop in general arterial pressure as well as contraction of the ear vessels. The rate and amplitude of the respiration is increased. These reflex changes are not altered by cutting the vagus or the sympathetics in the neck or by paralysis of the nerve endings in the ear, nor by procaine or other local anesthetics in the perfusion fluid. M. J. C. Bernheim

CZARNECKI, E.; KIERSZ, J.; MIETKIEWSKI, E.

Passive dye shock. Acta physiol. polon. 7 no.2:123-129
1956.

1. Zakład Fizjologii A.M. w Poznaniu Kierownik Zakładu:
prof. dr. E. Czarnecki.

(DYES, effects,
exper. shock in animals (Pol))

(SHOCK, experimental,
dye shock in animals (Pol))

MIETKIEWSKI, Eugeniusz

Reflex action of chemical shock-producing agents. Acta physiol.
polon. 313-317 1955.

1. Z Zakładu Fizjologii Pomorskiej A.M. w Szczecinie. Kierownik:
prof. dr E. Mietkiewski.

(SHOCK, experimental,
reflex action of chem. shock-prod. agents.)

MIETKIEWSKI, EUGENIUSZ.

SCIENCE

MIETKIEWSKI, EUGENIUSZ. Wskazowki do cwiczen z fizjologii. Wyd. 4., rozz. i uzup.
Warszawa, Panstwowy Zaklad Wydawn. Lekarskich, 1954.
259 p.
DNLM Not in DLC

Monthly List of East European Accessions (EEAI) LC Vol. 8, No. 4
April 1959, Unclass.

MIETKIEWSKI, E.

✓ The activity of barium chloride on the arterial blood pressure in dye shock. E. Czarniecki, J. Kiersz, and E. Mietkiewski (Univ. Poznam, Poland). *Intern. Arch. Allergy and Appl. Immunol.* 3, 262-7(1952).—Trypan blue, given intravenously to dogs in doses of 0.1 g./kg. causes a sudden fall in blood pressure. This is returned to normal by the injection of 0.0075 g./kg. of BaCl₂. Elmer L. Becker

②

CZARNECKI, E.; KIEBSZ, J.; MLETKIEWSKI, E.

The influence of barium chloride on the pressure of arterial blood during "dye" shock. Acta physiol. polon. 3 Suppl. 3: 178-179 1952. (GLML 24:1)

1. Of the Institute of Physiology (Head--Prof. E. Czarnecki, M.D.) of Poznan Medical Academy. 2. Color shock produced by injection of an electro-negative dye.

MIETKIEWSKI, E.

Acid-base equilibrium in shock induced by dyes. Acta physiol. polon.
3 no.2:199-208 1952. (CLML 23:4)

1. Of the Institute of Physiology (Head--Prof. E. Czarnecki, M.D.) of
Poznan Medical Academy.

MIETKIEWSKI, E.

✓ Interference with biliary secretion following the injection of dyes. E. Czarnecki, J. Kiersz, and E. Mickiewski. *Intern. Arch. Allergy and Appl. Immunol.* 7, 21-9 (1951).

MM In certain dogs a complete arrest of bile secretion within 10 min. after the injection of trypan blue was found. In others a slow decrease to zero was noted. This was attributed to histologic changes in the liver following blockage of the reticulo-endothelial system by the dye. Elmer L. Becker

(3)

Mietkiewski, E.

MD ✓ Changes occurring in the blood following injection of dyes. E. Czarnecki, J. Kiersz, and E. Mietkiewski (Univ. Poznan, Poland). *Intern. Arch. Allergy and Appl. Immunol.* 2, 8-18(1961).--Immediately after intravenous injection into dogs of 0.1 g./kg. of either trypan blue or Congo red the animal shows an increased flow of saliva, change in respiration, vomiting, a lowering of the blood pressure, and other symptoms of shock. The erythrocyte sedimentation rate is decreased, coagulation time is increased, the blood viscosity is increased, and the f.p. depression of serum decreases during the first 10 min. after the introduction of the dyes, while these changes are reversed within 1.5 to 3 hrs. Platelets are absent during shock. The authors conclude that the shock resulting from the injection of dyes is provoked by a derangement of the histocyte system, paralleling anaphylactic shock. E. I. B.

(2)

MIETKIEWSKI EUGENIUSZ

Influence of Trypan blue and Congo red on the heart and blood pressure of frogs. Eugeniusz Miętkiewski (Univ. Poznań, Poland). *Intern. Arch. Allergy and Appl. Immunol.* 1, 274-84 (1950).—Trypan blue and Congo red in intravenous doses of 0.05 or 0.1 g./kg. have no effect on the rate, rhythm, or height of contraction of the frog heart, nor do they affect the arterioles or capillaries of the lung and mesentery. With 0.5 g./kg. only slight changes in heart and tissue reactions were noted. It, therefore, seems possible that the severe shock seen in dogs after intravenous injection of 0.1 g./kg. is not caused by a direct effect of the dyes on the vasomotor system. Elmer L. Backus

MD

ILLEGIBLE

CF

The influence of trypan blue and Congo red on the heart and blood vessels of the frog. Eugeniusz Mielkiewski (Univ. Poznań, Poland). *Intern. Arch. Allergy Applied Immunol.* 1, 274-84(1950).—Electroneg. dyes, such as trypan blue and Congo red, in a dose of 0.1 g./kg. given intravenously, cause in dogs, immediately following injection, a severe shock with sudden fall in blood pressure and other symptoms characteristic for anaphylactic shock. The same doses of trypan blue and Congo red have no effect on the strength and rate of heart beat in frogs and on the caliber of mesentery blood vessels. It is probable that shock in dogs produced by the dyes is not due to a direct effect on circulation but is the result of biochem. changes produced in the so-called shock organs, chiefly the liver, whereby active substances, among which is histamine, are liberated.

Juhan H. Lewis

Mietykowski, Ludomir

MIETKIEWICZ, Ludomir

Inhibitors of influenza virus in normal animal sera. Med. dosw. mikrob.
9 no.4:403-417 1957.

1. Z Zakladu Wirusologii PZH w Warszawie.
(INFLUENZA VIRUS,
inhib. factors in normal animal sera (Pol))

ACCESSION NR: AP3003653

Orig. art. has: 9 formulas and 1 table.

ASSOCIATION: Department of Theoretical Astronomy and Astronomical
Geophysics, Jagellonian University, Cracow

SUBMITTED: 00

DATE ACQ: 02Aug63

ENCL: 00

SUB CODE: 00

NO REF SOV: 000

OTHER: 005

Card 2/2

ACCESSION NR: AP3003653

P/0009/63/013/002/0135/0141

AUTHOR: Maslowski, J.; Mietelski, J.

TITLE: The moon's physical libration in longitude and Mathieu's equation

SOURCE: Acta astronomica, v. 13, no. 2, 1963, 135-141

TOPIC TAGS: lunar physical libration, Mathieu equation, lunar libration, physical libration, libration

ABSTRACT: A new expansion of the moon's physical libration in longitude (τ) is given. The result is obtained by replacing integration of a simple second-order differential equation with constant factor by a solution of the corresponding differential equation of Mathieu's type. The coefficients of the expansion obtained for τ as a function of the time are given in algebraic form, and the existence of new singular points of the expansion is signaled. "In concluding the authors wish to thank Prof. Dr. K. Koziel for drawing their attention to the topic, for reading the manuscript, and for his valuable remarks."

Card 1/2

MIETELSKI, J.

Thirty years of scientific work of Prof. Karol Koziel.
Postepy astronom 10 no.3:309 '62.

Distr: 4E2b(a)

5513

021:658.27.002.2

* Mieszulowicz B. Modernization of Industrial Establishments.

„Modernizacja zakładów przemysłowych”. Warszawa, 1957, PWT, 16°, 524 pp., 57 figs., 34 tabs.

Design methods in the modernization of machine building plants, analysis of results of production, and determination of savings effected by plant modernization. Other subjects dealt with include practical and theoretical foundations in calculating and designing productive capacity, in calculating and releasing reserves, and in planning and systematizing control; the publication also covers trends in perfecting the economic framework and organization of industry, taking into account workers' councils and economic self-government.

EW
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18

MIESZKOWSKI, A

Mieszkowski, A Waritrony, Klucz do zagadek jadra atomowego. Przel
z rosyjskiego Jozef Hurwic. Warszawa, Nasza Ksiegarnia, 1949. 49 p.
(Cosmic rays. Tr. from the Russian. Illus.)

SO: Monthly list of East European Accessions, LC, Vol. 3, No. 1, Jan. 1954,
Uncl.

MIESZKOWA, H.

Cwiczenia z biochemii zwierzat. [I. wyd.] Warszawa, Instytut Wzrostu.
Rolnicze i Lesne, 1954. 263 p. [Exercises in the biochemistry of animals. 1st. ed.]

DA

Not in DIC

SO: Monthly List of East European Accessions (East) IC. Vol. 9, No. 10, October 1957. Encl.

MIKSCZERSKI, Jerzy; ROGON, Zbigniew; SZCZEPANSKI, Jerzy

The value of thrombelastography in the diagnosis of hypofibrinogenemia. Wiad. lek. 18 no.8:689-692 15 Ap '65

1. Z I Kliniki Poloznictwa i Chorob Kobiecych Akademii Medycznej w Gdansku (Kierownik: prof. dr. med. S. Metler).

MIESZCZERSKI, Jerzy; SMIELOWSKI, Bogdan

A case of cervical pregnancy of 20 weeks. Wlad. lek. 18 no.7:
619-622 1 Ap '65

1. Z I Kliniki Poloznictwa i Chorob Kobietych Akademii Medycznej
w Gdansk (Kierownik: prof. dr. med. S. Metler).

ILLEGIBLE

ILLEGIBLE

MIESZCZANSKI, Andrzej

Acute pancreatitis after gastric resection. Przegl. lek. 11
no.6:442-444 '65.

1. Z IV Oddziału Chirurgicznego Szpitala Miejskiego Nr 2 w
Walbrzychu (Ordynator: Dr. med. A. Mieszczanski; Dyrektor
Szpitala: Dr. med. J. Straburzynski).

MIESZCZANSKI, Andrzej

Surgical treatment of acute hemorrhoidal thrombosis. Wiad. lek.
18 no.17:1397-1400 1 S '65.

1. Z Oddz. Chirurg. Szpitali w Iultasku i Brzezinach (Ordynator:
dr. med. A. Mieszczanski).

MIESZCZANSKI, Andrzej

Unusual traumatic complications: fistula of the stomach and descending colon. Wiad. lek. 18 no.6:527-529 15 Mr 1965.

1. Z IV. Oddziału Chirurgicznego Szpitala Miejskiego nr. 2 w Wałbrzychu (Ordynator dr. med. A. Mieszczański).

MIESZCZANSKI, Andrzej

"Inert sigmoid" complicated by acute obstruction of the small intestine by helminths. Pol. tyg. lek. 19 no.33:1287-1288
17 S '64.

1. Z Oddziału Chirurgicznego Szpitala Powiatowego w Pultusku
(ordynator: dr A. Mieszczanski).

MIESZCZANSKI, Andrzej

Posponed gastrectomy in the treatment of perforated ulcer of the stomach and duodenum. Pol. przegl. chir. 35 no.4:299-302 '63.

1. Z Oddzialow Chirurgicznych Szpitali w Pultusku i w Brzezcinach
Ordynator: dr A. Mieszczanski.
(GASTRECTOMY) (PEPTIC ULCER PERFORATION)
(STOMACH ULCER) (DUODENAL ULCER)

MIESZCZANSKI, Andrzej.

Subcutaneous section of the palmar aponeurosis in the treatment of Dupuytren's contracture. Chir.narzad. ruchu ortop. pol. 28 no.6:623-624 '63.

1. Z oddzialow chirurgicznych szpitali powiatowych w Pultusku i Brzezinach k/Lodzi. Ordynator: dr. A. Mieszczanski.

*

MIESZCZANSKI, Andrzej

Progressive gangrene of the skin (*gangraenacutis progressiva*). *Przegl. dermat.* 49 no.1:35-36 '62.

1. Z Oddziału Chirurgicznego Szpitala Powiatowego w Pultusku Ordynator:
dr A. Mieszczanski.

(GANGRENE case reports) (SKIN dis)

MIESZCZANSKI, Andrzej

Valvular obstruction of the pylorus caused by gastric polypi. Polski
przeegl. chir. 34 no. 5:399-401 My '62.

1. Z Oddzialu Chirurgicznego Szpitala Powiatowego w Pultusku Ordynator:
dr A. Mieszczanski.

(PYLORUS dis) (STOMACH NEOPLASMS compl)
(POLYPI compl)

ILLEGIBLE

POLAND

KALINOWSKA, Zofia M., KOSIŃSKA, Doroce, and REBIŃSKA, Joanna; Department of Pharmaceutical Chemistry (Polish: Chemia Farmaceutyczna), Medical Academy (Instytut Medyczny) in Lodz (Director: Prof. Dr. K. Kubiśki)

"Argentometric Determination of Two Antiepileptic Drugs, Carbamazepine and Phenytoin."

Lodz, Farmacja Polska, Vol. 13, No. 15-16, 25 Aug. 63, pp. 371-372

Abstract: Authors tested the Kalinowski method for argentometric determination of barbiturates in alkaline, semi-aqueous solution on a semi-microscopic scale on the two antiepileptic drugs (both Polfa), and describe the procedure. The findings are reported in three tables, and conclude that this is a convenient, rapid, economical, and accurate method of determination, especially with respect to Phenytoin. There are 21 references: One (1) Polish, nine (9) Western, and 11 in German.

1/1

MIESZCZAK, J.

"Casting Iron Cylinders in Gated Molds and Cylinder Parts with Cast-In Bars." p.193
(PRZEGLAD ODLEWNICTWA Vol. 3, no. 6, June 1953 Krakow, Poland)

SO: Monthly List of East European Accessions, LC, Vol. 3, no. 5, May 1954/Uncl.

MIESZALKIN, E.N. (Novosybirsk); FRANCEW, W.I. (Novosybirsk); GURFINKIEL,
W.S. (Novosybirsk); GOLOWANOW, J.H. (Novosybirsk)

Immediate and remote observations on hemodynamics after cavopulmonary
anastomosis. Polski przegl. chir. 33 no.7/9:1034-1039 '61.

(HEART DEFECTS CONGENITAL surg)

(PULMONARY ARTERY surg)

(VENAE CAVAE surg)

MISSLER, J., Prim. dr.; PARMA, C., doc. dr.

Masticatory efficiency in diseases of the digestive system. Cas.
lek.cesk. 91 no.5:146-149 1 Feb 52.

1. Z II. stomatologicke kliniky prof. dr. F.Neuwirtha a z UNP Karlovy
Vary.

(GASTROINTESTINAL DISEASES,

masticatory efficiency, measurement method)

(MASTICATION, in various diseases,

gastrointestinal dis., efficiency measurement, method)

MIESOWICZOWA, Krystyna

Analysis of morbidity among workers of 8 basic branches of industry.
Postepy hig. med. dosw. 15 no.6:779-788 '61.

1. Z Zakladu Ubezpieczen Spolecznych w Warszawie Naczelnny lekarz:
dr K. Miesowiczowa.
(CARDIOVASCULAR DISEASES statist)
(OCCUPATIONAL DISEASES statist)

ILLEGIBLE

HIU, K.; BARONKI, J.; COHEN, T.; BERGMICE, H.

The four-momentum transfer between protons of ionizing
ray jets of very high energies. *Acta physica et mathematica*
Jl '64.

1. Institute of Nuclear Research, Laboratory of High Energy
Physics, Krakow, Polish Academy of Sciences (for Baronki,
Cohen, Miesowicz). 2. University of Tokyo, Institute for
Nuclear Studies, Tokyo (for Hiu).

NIEMCOWICZ, Marian

State of experimental studies on the physics of elementary nuclei and nuclear actions of high energies in Poland. Postepy fizyki 15 no.4:367-373 1967.

1. Department VI, Institute of Nuclear Research, Krakow Branch and Department of Physics II, School of Mining and Metallurgy, Krakow.

ACCESSION NR: AP4039356

SUBMITTED: 00

DATE ACQ: 12Jun64

ENCL: 00

SUB CODE: PH

NO REF SOV: 000

OTHER: 006

Card 3/3

ACCESSION NR: AP4039356

production which cannot be described by the theories based on the direct model. The experimental status of the problem is described. The author then goes on to discuss multiple production in the range of cosmic ray energies, and arrives at the following conclusions: (1) The phenomenon of multiple production cannot be described by the statistical model of a single excited structureless volume in a form which does not differentiate primary baryons; (2) The fundamental feature of multiple production in the accelerator energy range is the creation of transient intermediate states which dissociate into π mesons; (3) It is possible that in a addition to the baryon-free resonances such ω , η , or ρ , found and adequately defined in the last two years, larger baryon-free systems (the so-called fireballs) are created in collisions involving the highest energies; (4) Thus far, there is no theory to account for either the resonances or the fireballs. Orig. art. has: 7 figures and 1 table.

ASSOCIATION: Katedra Fizyki II Akademii Gorniczo-Hutniczej, Krakow
(Physics Department II of the Academy of Mining and Metallurgy)

Card 2/3

ACCESSION NR: AP4039356

P/0047/64/015/002/0141/0153

AUTHOR: Miesowicz, Marian

TITLE: Particle production in collisions of high- and ultrahigh-energy nucleons

SOURCE: Postepy fizyki, v. 15, no. 2, 1964, 141-153

TOPIC TAGS: Multiple particle, nucleon, meson, baryon, pion, strong particle interaction, weak particle interaction, multiple meson production, hyperon, particle collision, strangeness, meson jet, fireball

ABSTRACT: The paper is primarily devoted to a review of the problem of the existence of intermediate states in the production of π^- mesons within the framework of the phenomenon of multiple production, characterizing strong interactions. Two fundamental models of multiple production are considered: the model of direct or independent production, also termed the statistical model, and the model of production via intermediate stages. The author attempts to show that there exists a large group of recently discovered forms of multiple

Card 1/3

GIERULA, J.; HOLYNSKI, R.; MIESOWICZ, M.

Interactions of nucleons with heavy nuclei of photographic emulsions at energies higher than 10^{12} eV. Acta physica Pol 22 no.4:329-334 0 '62.

1. Institute of Nuclear Research, Laboratory of High Energy Physics, Krakow Department, Krakow, and 2d Department of Physics, Academy of Mining and Metallurgy, Krakow.

MIESOWICZ, Marian

Recent research on a two-center model. *Postep, fizyki* 13
no.3:301-308 '62.

1. Zaklad Fizyki Wysokich Energii, Instytut Badan Jadrowych,
Krakow.