Contents

No. 1 February 1979

Dependence of acoustic attenuation of hearing protectors on incident sound level
A. M. Martin

The mortality of men in the Rhondda Fach, 1950-1970
A. L. Cochrane, T. J. L. Haley, F. Moore, and D. Hole

Radiological changes after withdrawal from asbestos exposure
M. R. Becklake, F. D. K. Liddell, J. Manfreda, and J. C. McDonald

Pulmonary function in firefighters: acute changes in ventilatory capacity and their correlates
A. W. Musk, T. J. Smith, J. M. Peters, and E. McLaughlin

Histamine release from platelets for assay of byssinogenic substances in cotton mill dust and related materials
S. K. Ainsworth, R. E. Neuman, and R. A. Harley

Squamous cell skin cancer in the North-west of England, 1967-69, and its relation to occupation
C. J. Whiaker, W. R. Lee, and J. E. Downes

Occupational lead exposure in Denmark: screening with the haematofluorometer
P. Grandjean

Bromine in blood, EEG and transaminases in methyl bromide workers
M. M. Verberk, T. Rooyakkers-Beemster, M. De Vlieger, and A. G. M. Van Vliet

Dimethylformamide and alcohol intolerance
W. H. Lyle, T. W. M. Spence, W. M. McKinneley, and K. Duckers

Book reviews

Notices

Information section

No. 2 May 1979

Cardiovascular disease and environmental exposure
K. D. Rosenman

Asbestosis: a study of dose–response relationships in an asbestos textile factory
G. Berry, J. C. Gilson, S. Holmes, H. C. Lewinsohn, and S. A. Roach

Inhibition by phospholipids of haemolytic action of asbestos
M. C. Jaurand, L. Magne, and J. Bignon

Respiratory function in coffee workers
Eugenija Žuškin, F. Valić, and Zdenka Skurić

HLA antigen frequencies in flax byssinosis patients
D. Middleton, J. S. Logan, B. P. Magennis, and S. D. Nelson

Mortality and morbidity in a pulp and a paper mill in the United States: a ten-year follow-up
B. G. Ferris, Jr., S. Puleo, and H. Y. Chen

Electrophysiology and nerve biopsy in men exposed to lead
F. Buchthal and F. Behse

Conduction velocity in the peripheral nerves of rats with chronic carbon disulphide neuropathy
K. Knobloch, J. Stetkiewicz, and T. Wrońska-Nofer

Effects of tricresylphosphate on esterase activity of rat serum and tissues
M. Manno, F. Rigoni, G. B. Bartolucci, M. Bianchi, and M. Mazzotta

Book reviews

Notices

Information section

No. 3 August 1979

Fatigue in industry
E. Grandjean

Mortality of chrysotile asbestos workers at the Balangero Mine, Northern Italy
G. F. Rubino, G. Pioletti, M. L. Newhouse, G. Scansetti, G. A. Aresini, and R. Murray

Thickening of pulmonary interlobar fissures: exposure–response relationship in crocidolite and amosite miners
A. Solomon, L. M. Irwig, G. K. Sluis-Cremer, R. Glyn Thomas, and R. S. J. Du Toit

PAGE

1
15
23
29
35
43
52
59
63
67
70
71
85
98
113
117
123
127
135
148
153
157
158
159
175
187
195
Contents

Mortality in gold and coal miners in Western Australia with special reference to lung cancer
B. K. Armstrong, J. C. McNulty, L. J. Levitt, K. A. Williams, and M. S. T. Hobbs 199

The relationship between coal rank and the prevalence of pneumoconiosis

Bronchocnstriction in potroom workers
M. Šarić, E. Žuškin, and M. Gomzi 211

Lung function in sisal ropemakers

A clinical survey of parataet formulation workers
J. K. Howard 220

Amount and distribution of fume contaminants in the lungs of an arc welder post mortem
Pirkko-Liisa Kalliomäki, S. Sutinen, V. Kelhää, Eeva Lakomaa, V. Sortti, and Sirksa Sutinen 224

Partition coefficients of some aromatic hydrocarbons and ketones in water, blood and oil
Akio Sato and Tamie Nakajima 231

The time course of mandelic and phenylglyoxylic acid excretion in workers exposed to styrene under model conditions

Carboxyhaemoglobin levels in workers in Leicestershire garages
G. R. Kelman and T. J. Davies 238

Donald Hunter—the first Editor of the British Journal of Industrial Medicine
R. S. F. Schilling 242

Book reviews 244

Notices 245

Information section 246

No. 4 NOVEMBER 1979

The Pearson Report—compromise or step towards effective and just compensation for disability?
J. M. Collinson 263

A cohort study of mortality and cancer incidence in ethylene oxide production workers
C. Hogstedt, O. Rohlin, B. S. Berndtsson, O. Axelson, and L. Ehrenberg 276

UK Naval Dockyards Asbestososis Study: survey of the sample population aged 50-59 years
C. E. Rossiter and P. G. Harries 281

Oral and pharyngeal cancer in the North-west and West Yorkshire regions of England, and occupation
C. J. Whitaker, E. Moss, W. R. Lee, and Stella Cunliffe 292

Bacterial contamination of cotton as an indicator of respiratory effects among card room workers
R. Rylander, H. R. Imbus, and M. W. Suh 299

Mill effect and dose–response relationships in byssinosis
R. N. Jones, J. E. Diem, H. Glindmeyer, V. Dharmarajan, Y. Y. Hammad, J. Carr, and H. Weill 305

Occupational lead poisoning in the United States: clinical and biochemical findings related to blood lead levels

5-aminolevulinate dehydratase activity in blood of rabbits given tin or lead
Momoko Chiba and Masakazu Kikuchi 323

The distribution and metabolism of nickel carbonyl in mice
Agnete Oskarsson and H. Tjälve 326

Hand grip forces during chain saw operation and vibration white finger in lumberjacks
M. Färkkilä, I. Pyykkö, O. Korhonen, and Jukka Starck 336

Book reviews 342

Notices 343

Information section 345

Index 362
Information section

Grateful acknowledgement is made to the U.K. MEDLARS Centre and to the National Library of Medicine for their help with this project.

The references cited below have not been checked by the publisher.

1 Historical, legislative, and general

Specific adaptation. (English)
Department of Clinical Ecology, American International Hospital, Zion, Illinois, USA.

The emotional impact of chemicals. (English)

Diagnosing occupational disease: a new standard of care? (English)

Medical Genetics Center, The University of Texas Health Science Center at Houston, Texas, USA.

Identification and reduction of carcinogens in the respiratory environment. (English)
Naylor Dana Institute for Disease Prevention, American Health Foundation, Valhalla, New York, NY, USA.

A glimpse of the British occupational health services: education beneficial to the people pays off for employer. (Danish)
Jensen, R., *Sygeplejersken*, 78, 4-5, 21, 26 Apr. 78. [Clinical Competence, Employment, Industrial Nursing Education, Occupational Health Services, Great Britain]

Carcinogens should not be protected under a 'trade secrets' umbrella. (English)
Manpower and Housing Subcommittee, Washington, D.C., USA.

The National Occupational Hazard Survey: a difficult quest for a reliable data base. (English)

Hazard Section Surveillance Branch NIOSH, Cincinnati, Ohio, USA.

Put your epidemiologist's hat. (English)

University of Pennsylvania Medical School, Pennsylvania, USA.

Medical-legal relationships: a physician's patient is the same person as an attorney's client. (English)

Strodel & Kington, Assoc., Peoria, Illinois, USA.

Cancer epidemiology in the San Francisco Bay Area. (English)
California Tumor Registry, Berkeley, California, USA.

Epidemiologic cancer research programs of the Cancer Center of Hawaii. (English)
Cancer Center, University of Hawaii, Honolulu, Hawaii, USA.

Occupational medicine: its development and its importance for Pakistan. (English)

Cancer epidemics in the Peoples’ Republic of China. (English)
National Cancer Institute, National Institutes of Health, Bethesda, Maryland, USA.

Chemical hypersusceptibility. (English)


[Human, Alpha 1-Antitrypsin Deficiency, Anaemia Sickle Cell Complications, Antibodies, Carbon Disulphide Adverse Effects, Environmental Exposure, Glucosolphosphate Dehydrogenase Deficiency Complications Occupational Dermatitis Chemically Induced Complications Diagnosis, Respiratory Hypersensitivity Chemically Induced Complications Diagnosis, Smoking, Toluene Disocyanate Immunology]

Haskell Laboratory for Toxicology and Industrial Medicine, E. I. du Pont de Nemours & Company, Wilmington, Delaware, USA.

Contact dermatitis: queries, answers, and comments. Part III. (English)

Fisher, A. A., Catis, 21, 588, 592, 600-1 passim, May 78.

[Human, Allergens, Anaesthetics Local Adverse Effects, Cosmetics Adverse Effects, Dermatitis Contact Aetiology, Dermatological Agents Adverse Effects, Formaldehyde Adverse Effects, Ketones Adverse Effects, Occupational Dermatitis Aetiology, Paraesthesia Chemically Induced, Peptide Hydrolases Adverse Effects, Plants Toxic, Skin Tests]

New York University Medical School, NY, USA.

Proser White Oration 1977. Dermatology and industry. (English)


2 Organization of medical and nursing services and education

Faculty of occupational medicine [Editorial]. (English)

Lancet, 1, 1081-2, 20 May 78.

[Faculty Medical, Industrial Medicine, London]

3 Physiological, psychological, and organizational aspects of work and rehabilitation

Suicide attributed to work. (English)

Brodsky, C. M., Suicide Life Threat, Behav., 7, 216-29, Winter 77.

[Human, Adaptation Psychological, Case Report, Interpersonal Relations, Job Satisfaction, Social Adjustment, Socioeconomic Factors, Stress Psychological, Suicide, Work, Workmen's Compensation]

University of California at San Francisco, California, USA.

Health change in air traffic controllers: a prospective study. I. Background and description. (English)


[Human, Adaptation Physiological Psychological, Aviation Medicine, Health Status Indicators, Health Surveys, Job Satisfaction, Life Change Events, Personality Inventory, Prospective Studies, Psychophysiological Disorders Occurrence, Socioeconomic Factors, New England, New York]

Departments of Psychosomatic Medicine and Behavioral Epidemiology, Boston University School of Medicine, Boston, Massachusetts, USA.

When should that heart patient go back to work? (English)


[Human, Disability Evaluation, Fear, Motivation, Myocardial Infarct Rehabilitation, Referral and Consultation, Retirement, Time Factors]

Stromberg-Carlson Corp., Rochester, NY, USA.

How to get a neurotic worker back on the job successfully. (English)


[Human, Depression, Malingering, Motivation, Neuroses

Post-Traumatic Aetiology Rehabilitation, Workmen's Compensation, United States]

University of Cincinnati, Cincinnati, Ohio, USA.

What is the best way to lift and carry? (English)


[Human, Back Injuries, Exertion, Fatigue Aetiology, Human Engineering, Sex Factors, Spine Physiology]

Alcoholism in industry. (English)

Tennent, G., Anstiss, D., Occup. Hlth. (Lond.), 30, 164-6, Apr. 78.

[Human, Alcoholism Prevention and Control Therapy, Great Britain]

Alcoholism: a growing concern. (English)

Preece, A., Occup. Hlth. (Lond.), 30, 162-3, Apr. 78.

[Human, Alcoholism Nursing Prevention and Control, Great Britain]

Attack on back pain. (English)

Timbs, O., Occup. Hlth. (Lond.), 30, 119-22, Mar. 78.

[Human, Backache Prevention and Control, Biomechanics]

Functional state of the body during shift work. (Russian)

Gazina, V. M., Gig. Tr. prof. Zabol., 4, 49-51, Apr. 78.

[Human, Aluminium Electrolysis, Environmental Exposure, Metallurgy, Time Factors, USSR]

Resumption of work after myocardial infarction. Study based on Norwegian hospital data. (Norwegian)


[Human, Follow-Up Studies, Myocardial Infarct Rehabilitation, Rehabilitation Vocational, Socioeconomic Factors, Work Capacity Evaluation, Norway, English Abstract]
4 Traumatic conditions, accidents, and accident prevention

What can be done to improve eye protection standards? (English)
Committee on Eye Protection, National Research Council, Ottawa, Ontario, Canada.

Hand decompression with industrial wringer injuries. (English)
[Human, Decompression, Hand Injuries Surgery, Methods]

Contact lenses: do they belong in the workplace? (English)
[Human, Case Report, Contact Lenses Adverse Effects, Eye Injuries Aetiology, Eye Protective Devices, Risk]

5 Effects of inorganic substances and minerals

Silica flour exposures in Ontario. (English)
[Human, Air Pollutants Occupational Analysis, Dust, Environmental Exposure, Maximum Permissible Exposure Level, Particle Size, Silica, Silicosis Occurrence, Ontario Occupational Health Branch, Ontario Ministry of Labor, Toronto, Ontario, Canada]

Effect of lead on the periodontium and need of prosthetic treatment by patients exposed to lead. (Serbo-Croatian)
[Human, Dental Prosthesis, Lead Poisoning, Lead Pharmacodynamics, Periodontium Drug Effects]

Chromium-induced injuries in electric welders. (German)
[Human, Chromium Adverse Effects, Metallurgy, Occupational Diseases, Respiratory Tract Diseases Chemically Induced, English Abstract]

Malignant mesothelioma of the pleura in Barrow-in-Furness. (English)
[Human, Asbestos Analysis, Asbestos Complications, Lung Analysis Pathology, Mesothelioma Diagnosis Aetiology Pathology, Neoplasm Metastasis, Occupational Diseases, Aetiology, Pleural Neoplasms Diagnosis Aetiology Pathology, Ships]
High Carley and North Lonsdale Hospitals, Barrow-in-Furness, Cumbria, England.

Some aspects of coal dust induced emphysema (‘black-hole lungs’) (Author’s translation). (German)
[Human, Anthracosilicosis Aetiology, Case Report, Coal Mining, Dust, Pulmonary Emphysema Aetiology, English Abstract]

Methemoglobinemia and the oxides of nitrogen [Letter]. (English)
[Human, Methaemoglobinemia Chemically Induced, Nitrogen, Oxides Poisoning, Silo Filler’s Disease Complications]

Urban lead mining: lead intoxication among dealers. (English)
[Human, Case Report, Housing, Lead Poisoning Aetiology Prevention and Control, Legislation, Occupational Diseases Chemically Induced, Paint Poisoning, Massachusetts]
Neurology and Pharmacology, Boston, University School of Medicine, 80 E. Concord St., Boston, Massachusetts 02118, USA.

Pneumoconiosis and chronic bronchitis in workers of a porcelain factory. (Polish)
[Human, Bronchitis Occurrence, Dental Porcelain, Occupational Diseases, Pneumoconiosis Occurrence, Poland, English Abstract]

Case report: metal fumes fever. (English)
[Human, Case Report, Fever Chemically Induced, Gases, Lung Diseases Chemically Induced Diagnosis, Metallurgy, Metals Adverse Effects, Occupational Diseases Chemically Induced Diagnosis Prevention and Control, Spirometry] Bowman Gray School of Medicine, Winston-Salem, North Carolina, USA.

State of health of workers exposed to sulfur dusts. (English)
[Human, Conjunctivitis Chemically Induced, Environmental Exposure, Occupational Diseases Chemically Induced, Respiratory Tract Diseases Chemically Induced, Sulphur Adverse Effects]

Asbestos fibre dust and gastro-intestinal malignancies. Review of literature with regard to a cause/effect relationship. (English)
[Human, Asbestos Adverse Effects, Environmental Exposure, Gastrointestinal Neoplasms Aetiology Mortality, Occupational Diseases Aetiology, Review] NCIC Epidemiology Unit, University of Toronto, Ontario, Canada.

Urine nickel concentrations in nickel-exposed workers. (English)
[Human, Nickel Urine] Department of Laboratory Medicine, University of Connecticut School of Medicine, Farmington, Connecticut, USA.

Investigation of exposure to nickel and lung cancer mortality: case control study at aircraft engine factory. (English)
[Human, Aircraft, Lung Neoplasms Chemically Induced, Nickel Adverse Effects] Department of Laboratory Medicine, University of Connecticut School of Medicine, Farmington, Connecticut, USA.
Information section

On the toxicity of inhaled hot particles with special reference to plutonium. (English)
[Human, Animal, Aerosols, Alpha Particles, Cell Survival Radiation Effects, Lung Neoplasms Aetiology, Lung Radiation Effects, Maximum Permissible Exposure Level, Neoplasms Radiation-Induced, Plutonium, West Germany]

Chromosome studies in subjects occupationally exposed to lead. (Italian)
Forni, A., Med. Lav., 69, 45-9, Jan.-Feb. 78.
[Human, Chromosome Aberrations, Chromosomes Human Drug Effects, Lead Poisoning Familial and Genetic, English Abstract]

Heme synthesis in the lead-intoxicated mouse embryo. (English)
Gerber, G. B., Maes, J., Toxicology, 9, 173-9, Feb. 78.
[Animal, Mice Inbred C57EL, Embryo Metabolism, Gestational Age, Biosynthesis, Iron Radioisotopes Diagnostic Use, Lead Poisoning Metabolism, Liver Embryology Metabolism, Maternal-Foetal Exchange, Pregnancy, Proteins Biosynthesis]

Euratom/C.E.N., Department of Radiobiology, Belgium.

Determination of inorganic lead and the blood lead-air relationship. (English)
Meredith, P. A., Moore, M. R., Campbell, B. C., Thompson, G. G., Goldberg, A., Toxicology, 9, 1-9, Feb. 78.

Department of Materia Medica and Therapeutics, Stobhill General Hospital, Glasgow, Great Britain.

Lead and neuropathy Electrocytographic study of 118 patients with different degrees of lead absorption and poisoning. (Italian)
[Human, Aminolaevulinic Acid Urine, Coproporphyrins Analysis, Electromyography, Lead Poisoning Complications Diagnosis, Lead Metabolism, Peripheral Nerve Diseases Chemically Induced, English Abstract]

The concurrence of bronchial carcinoma and anthracosilicosis in the lung (concomitantly a contribution to "silicotic carcinoma in scar tissue of the lung"). (German)
[Human, Anthracosilicosis Complications Pathology, Bronchial Neoplasms Complications Pathology, Mining Occupational Diseases, English Abstract]

Pathologisches Institut der Krankenanstalten Bergmannsheil, Bochum, West Germany.

Caplan's syndrome. (Japanese)
Nagano, H., Omura, T., Nippon Rinsho, 35, Suppl. 1, 806-7, Spring 77.
[Human, Caplan's Syndrome]

NIH research findings: Recent studies show workers exposed to asbestos years ago are at a greater risk for some diseases. (English)
J. Amer. med. Ass., 239, 2431-2, 9 Jun. 78.
[Human, Asbestos, Lung Neoplasms Aetiology, Mesothelioma Aetiology, Risk, Smoking Complications, Time Factors, United States]

Pleuropulmonary disease among asbestos workers in relation to smoking and type of exposure. (English)
[Human, Adult, Asbestosis Diagnosis, Employment, Smoking, Time Factors]

Department of Medicine, Hahnemann Medical College and Hospital, Philadelphia, Pennsylvania, USA.

Ten cases of angiosarcoma of the liver in Shawinigan, Quebec. (English)
[Human, Angiosarcoma Chemically Induced Occurrence, Liver Neoplasms, Vinyl Chloride Adverse Effects]

Department of Pathology, Centre Hospitalier Régional de la Maurice, Shawinigan, Quebec, Canada.

Permissible limits for occupational exposure to inorganic lead and the blood lead-air lead relationship. (English)
[Human, Air Analysis, Lead Poisoning Prevention and Control, Lead Analysis Blood, Maximum Permissible Exposure Level, England]

Determination of the T- and B-lymphocyte populations in occupational exposure to the chemical allergen, beryllium. (Russian)
Ermakova, N. G., Vasil'eva, E. V., Gig. Tr. prof. Zabol., 4, 32-5, Apr. 78.
[Human, Allergens, B-Lymphocytes Immunology, Beryllium Adverse Effects Immunology, Comparative Study, Environmental Exposure, Pneumoconiosis Immunology, Remission, Rosette Formation, T-Lymphocytes Immunology, English Abstract]

Occupational diseases of the organ of vision caused by iodine and their prevention. (Russian)
Alieva, Z. A., Gig. Tr. prof. Zabol., 4, 16-20, Apr. 78.
[Human, Chemical Industry, Dust, Environmental Exposure, Eye Diseases Chemically Induced Prevention and Control, Iodine Adverse Effects, Vision Drug Effects, USSR, English Abstract]

Bronchial asthma due to occupational allergy of immediate type (I) to platinum salts (Author's translation). (German)
[Human, Angioneurotic Oedema Chemically Induced, Asthma Chemically Induced, Case Report, Conjunctivitis Chemically Induced, Hay Fever Chemically Induced, Hypersensitivity Immediate, Male, Middle Age, Platinum Adverse Effects, Urticaria Chemically Induced, English Abstract]

Klinikum der Universität, Zentrum der Inneren Medizin, Abteilung für Pneumologie, Frankfurt/Main, West Germany.

Poisoning caused by inhalation of hydrogen chloride, phosphorus oxychloride, phosphorus pentachloride, oxalyl chloride, and oxalic acid. (English)
Rosenthal, T., Baum, G. L., Frand, U., Molho, M., Chest, 75, 626-63, 5 May 78.
[Human, Accidents Industrial, Adult, Airway Obstruction Chemically Induced, Amino Acids Poisoning, Anoxaemia Chemically Induced, Chlorides Poisoning, Gas Poisoning Diagnosis, Hydrochloric Acid Poisoning, Oxalic Acid Poisoning, Pulmonary Oedema Chemically Induced]

Department of Medicine, Chaim Sheba Medical Center, Tel Hashomer, Israel.

Asbestosis-associated disease in United States shipyards. (English)
[Asbestos Toxicity, Asbestosis Aetiology, Lung Neoplasms Aetiology, Mesothelioma Aetiology, Ships]

Hemolysis during BAL chelation therapy for high blood lead levels in two G6PD deficient children. (English)
Information section

Department of Pediatrics, Cook County Hospital, Chicago, Illinois, USA.

Lymphocyte responses to phytohaemagglutinin in patients with asbestosis and pleural mesothelioma. (English)
[Human, Asbestos Immunology, Hypersensitivity Delayed, Lung Neoplasms Immunology, Lymphocyte Transformation, Lymphocytes Immunology, Mesothelioma Immunology, Plant Agglutinins, Pleural Neoplasms Immunology]
Department of Medicine, Cardiothoracic Institute, Brompton Hospital, London SW3, England.

The pulmonary vasculature in haemophilic lung. (English)
[Human, Lung Pathology, Muscle Smooth Pathology, Pulmonary Artery Pathology, Pulmonary Fibrosis Pathology, Siderosis Pathology, Silicosis Pathology]
Department of Pathology, University of Liverpool, England.

Hepatosplenic silicosis. (English)
[Human, Case Report, Liver Diseases, Silicosis, Splenic Diseases Pathology Radiography]

Reversible respiratory disease in beryllium workers. (English)
[Human, Anoxaemia Chemically Induced Physiopathology, Beryllium Adverse Effects, Blood Gas Analysis, Environmental Exposure, Follow-Up Studies, Lung Physiopathology, Occupational Diseases, Pulmonary Fibrosis Chemically Induced Physiopathology, Smoking Physiopathology, Spirometry, U.S. Government Supported, Non-NIH, United States]
Department of Medicine, Massachusetts General Hospital, Boston, Massachusetts, USA.

Natural and synthetic fibers as causes of asthma and rhinitis. (English)
[Human, Asthma Aetiology, Dust, Hay Fever Aetiology, Occupational Diseases Aetiology, Textiles]
Department of Pulmonary Diseases, Tampere Central Hospital, Pikonlinna, Finland.

Lead exposure—lead poisoning. An industrial medicine contribution. (German)
[Human, Environmental Exposure, Lead Poisoning Pathology, Motor Neurons Pathology, Muscle Smooth Pathology, Occupational Diseases Pathology]

Influence of sex hormones on free erythrocyte protoporphyrin response to lead in rats. (English)
Buchet, J. P., Roels, H., Lauwers, R., Toxicology, 9, 361-9, Apr. 78.
University of Louvain, School of Medicine, Brussels, Belgium.

Pulmonary and hepatic granulomatous disorders due to the inhalation of cement and mica dusts. (English)
[Human, Aluminium Silicates Calcium, Construction Materials Adverse Effects, Dust Analysis, Granuloma Aetiology, Liver Cirrhosis Diseases, Pneumoconiosis Pulmonary Fibrosis Aetiology, X-ray Diffraction]
Department of Pathology of Sanatório D. Carlos I, University of Lisbon, Lisbon, Portugal.

Central nervous system dysfunction due to lead exposure. (English)
Mount Sinai School of Medicine of The City University of New York, New York, USA.

Asbestos in periodontal dressings: a possible health hazard. (English)
[Human, Asbestos Adverse Effects Aetiology, Mesothelioma Chemically Induced, Periodontal Dressings Adverse Effects]

Talcosis and coronary artery disease. (English)
[Human, Coronary Disease Complications, Pneumoconiosis Complications, Talc]

Cytogenetic study of a group of workers with increased lead absorption indices. (Italian)
[Human, Animal, Mice, Chromosome Aberrations, Chromosomes Human Drug Effects, Lead Poisoning Familial and Genetic, English Abstract]

Roentgenologic aspects and calcification of the diaphragmatic pleura in asbestosis (Author's translation). (Japanese)
[Human, Asbestos Radiography, Calcification Radiography, Case Report, Diaphragm, Pleural Diseases Radiography, English Abstract]

Familial mesothelioma after intense asbestos exposure at home. (English)
[Human, Asbestos Adverse Effects, Case Report, Environmental Exposure, Mesothelioma Aetiology Familial and Genetic, Pedigree, Pleural Neoplasms Aetiology Familial and Genetic]
Clinical Studies Section, Clinical Epidemiology Branch, National Cancer Institute, Boston, Massachusetts 02115, USA.

Malignant mesothelioma with minimal asbestos exposure. (English)
[Human, Asbestos Isolation and Purification, Asbestos Pathology, Case Report, Lung Neoplasms, Mesothelioma Pathology, US Government Supported, NIH]
Department of Pathology, University of Washington School of Medicine, Seattle, Washington, District of Columbia, USA.

Subcellular mechanisms of lead neurotoxicity. (English)
76

Information section

[Animal, Rats. Acetylcholine Metabolism, Adenosine Triphosphate Pharmacodynamics, Calcium Metabolism, Caudate Nucleus Drug Effects, Dopamine Lead Poisoning Metabolism, Lead Pharmacodynamics, Male, Microsomes Metabolism, Mitochondria Metabolism, Neurosecretion Drug Effects, Ouabain Pharmacodynamics, Receptors Dopamine Metabolism, Sodium Pharmacodynamics, Synaptic Membranes Metabolism, Synaposomes Drug Effects Metabolism] National Institute of Neurological and Communicative Disorders and Stroke, National Institutes of Health, Bethesda, Maryland, USA.


6 Effects of organic substances


An occupational accident with mustard oil poisoning in a Danish power station. Ethylisothiocyanate etching of eyes after use of diethylcarbamate material. (Danish) Larsen, F. E., Theil, P. L., Blum, R., Ugeskr. Lag., 140, 807-9, 3 Apr. 78. [Human, Accidents Industrial, Case Report, Keratitis Chemically Induced, Mustard Compounds Poisoning, Power Plants, Thiocarbamates Poisoning, Denmark, English Abstract]


Acute and chronic progressive encephalopathy due to gasoline sniffing. (English) Valpey, R., Sumi, S. M., Copass, M. K., Goble, G. J., Neurology (Minneap.), 28, 507-10, May 78. [Human, Ataxia, Brain Diseases Chemically Induced Pathology Case Report, Dementia Premencle Chemically Induced, Drug Abuse, Gasoline Poisoning, Lead Poisoning Aetiology Pathology, Petroleum Poisoning]

Mortality follow-up of workers exposed to 1,4-dioxane. (English) Buffer, P. A., Wood, S. M., Suarez, L., Kilian, D. J., Occup. Med., 20, 255-9, Apr. 78. [Human, Dioxanes Dioxins Poisoning, Environmental Exposure, Follow-up Studies, Neoplasms Chemically Induced, Occupational Diseases Mortality, Time Factors] Department of Preventive Medicine and Community Health, University of Texas Medical Branch, Galveston, Texas, USA.

Chloro compounds of phosphorus as industrial hazards. (English) Roschina, A. V., Molodkina, N. N., J. Hyg. Epidemiol. (Praha), 21, 387-94, 1977. [Human, Animal, Guinea Pigs, Mice, Rabbitts, Chemistry, Chlorides Administration and Dosage Poisoning Toxicity, Environmental Exposure, Lethal Dose 50, Occupational Diseases Chemically Induced Prevention and Control, Phosphorus Administration and Dosage Poisoning Toxicity] Department of Industrial Hygiene, Central Postgraduate Medical Institute, Moscow, USSR.


Hand eczema in hairdressers. (English)
Information section

[Human, Barbering, Eczema Chemically Induced, Occupational Dermatitis Chemically Induced]

Dermal exposure to paraguan [Letter]. (English)
[Human, Agricultural Workers’ Diseases Chemically Induced, Paraguan Poisoning Toxicity, Skin Drug Effects]

Incidence of cardiovascular diseases in the Dutch viscose rayon industry. (English)
[Human, Carbon Disulfide, Cardiovascular Diseases Chemically Induced Occurrence, Textile Industry, Netherlands]


Fatalities following exposure to 2-nitropropane. (English)
[Human, Alkanes Poisoning, Case Report, Environmental Exposure, Liver Diseases Chemically Induced, Nitroparaffins Poisoning, Propane Analogaes and Derivatives Poisoning]

Division of Ambulatory and Community Medicine, School of Medicine, University of California at San Francisco, California, USA.

Methylmethacrylate: A study of teratogenicity and fetal toxicity of the vapor in the mouse. (English)

Department of Orthopedics and Rehabilitation, University of Virginia Medical Center, Charlottesville, Virginia, USA.

Determination of thioldiglycolic acid in urine specimens of vinyl chloride exposed workers. (English)
[Human, Thioglycolates Urine, Vinyl Chloride Adverse Effects]

Toxicology of the fluoroalkenes: review and research needs. (English)
[Human, Animal, Dogs, Guinea Pigs, Mice, Rabbits, Rats, Alkenes Toxicity, Chemistry, Ethylene Toxicity, Fluoroalkenes Toxicity, Hydrocarbon Toxicity, Hydrocarbons Chlorinated Toxicity, Hydrocarbons Fluorinated Toxicity, Hydrocarbons Halogenated Toxicity, Lethal Dose 50]

Toxicology Program, University of Arizona, Tucson, Arizona, USA.

Prevention of occupational pathology in the silk industry. (Italian)
[Human, Dyes Adverse Effects, Occupational Diseases Prevention and Control, Risk, Textile Industry, Italy]

Istituto di Medicina del Lavoro dell’Università di Pavia, Italy.

Mutagenic and carcinogenic risks associated with halogenated olefins. (English)
[Human, Angiosarcoma Chemically Induced, Animal, Mice, Rats, Chromosome Aberrations, Hydrocarbons Chlorinated Poisoning Toxicity, Liver Neoplasms Chemically Induced. Lung Neoplasms Chemically Induced, Mammary Neoplasms Experimental Chemically Induced, Mutation Drug Effects, Neoplasms Chemically Induced, Occupational Diseases Chemically Induced, Reproduction Drug Effects, Risk, Skin Neoplasms Chemically Induced, Vinyl Chloride Toxicity]

Division of Surveillance, Hazard Evaluations and Field Studies, National Institute for Occupational Safety and Health, Cincinnati, Ohio, USA.

Pulmonary edema due to tetrachloroethylene. (English)
[Human, Case Report, Pulmonary Oedema Chemically Induced Radiography, Tetrachloroethylene Poisoning]

Division of Adult Cardiology, Cook County Hospital, Chicago, Illinois, USA.

Metabolism of trichloroethylene and tetrachloroethylene in human subjects. (English)
[Human, Half-Life, Tetrachloroethylene Analysis Metabolism Urine, Trichloroethylene Analysis Metabolism Urine]

Department of Environmental Health, Tohoku University School of Medicine, Sendai, Japan.

Human exposure to tetrachloroethylene: inhalation and skin contact. (English)
[Human, Maximum Permissible Exposure Level, Skin Metabolism, Tetrachloroethylene Metabolism Poisoning Toxicity]

Department of Environmental Medicine, The Medical College of Wisconsin, Milwaukee, Wisconsin, USA.

The oral cavity in workers exposed to soot. (Polish)
[Carbon Adverse Effects, DMF Index, Mouth Diseases Chemically Induced, Mouth Mucosa Drug Effects, English Abstract]

Recurrent nocturnal asthma due to tolylene diisocyanate: a case report. (English)
[Human, Allergens Diagnostic Use, Asthma Chemically Induced Diagnosis, Case Report, Cyanates Adverse Effects, Diurnal Rhythm. Occupations, Recurrence, Toluene Dijisocyanate Adverse Effects Diagnostic Use]

Institute of Occupational Medicine, University of Perugia, Policlinico, Perugia, Italy.

Personnel safety and foliage residue in an orchard spray program using azinphosmethyl and captan. (English)
[Human, Agricultural Workers’ Diseases Prevention and Control, Azinphosmethyl Analysis Urine, Captan Analysis Urine, Clothing, Insecticides Organophosphate Analysis, Pesticide Residues Analysis, Plants Analysis, Respirators, Time Factors]

Chemical and Biological Investigations Branch, US Environmental Protection Agency, Beltsville, Maryland, USA.

Estimating a worker entry interval for the carbamate pesticide furadan 4F insecticide. (English)
[Human, Agricultural Workers’ Diseases Chemically Induced Prevention and Control, Carbofuran Adverse Effects Analysis, Chromatography Gas, Citrus Fruits, Insecticides Carbamate Adverse Effects, Pesticide Residues Analysis, Plants Analysis, Time Factors, US Government Supported, Non-NIH]
Tumours of the N-hexane kepone Epidemic Disorders Poisoning, Center and workers solvent-exposed A., Amer. J. Air Pollutants [Human, Chloride siopathology, disulphide M., Cannon, of Chemically Surgery, Drug Metabolism, S., Adverse Diseases Obstructive Age, [Human, C., Diseases Neoplasms Chemically Induced, Review, English Abstract] Chemical Nierenkrankheiten, Department for Innene Medizin der Universität Basel, Switzerland.


Human, Case Report, Hexanes Poisoning, Muscular Atrophy Chemically Induced, Neural Conduction, Peripheral Nerve Diseases Chemically Induced Physiopathology.


Human, Air Pollutants Occupational Adverse Effects, Bronchiolitis Chemically Induced, Environmental Exposure. Lung Diseases Obstructive Chemically Induced, Polyvinyl Chloride Polyvinyls Adverse Effects, Pulmonary Fibrosis Chemically Induced, Spirometry, Vinyl Chloride Vinyl Compounds Adverse Effects, English Abstract)


Human, Air Pollutants Poisoning, Air Pollutants Occupational Poisoning, Behaviour, Brain Drug Effects, Carbon Disulphide Poisoning, Environmental Exposure, Memory Disorders Chemically Induced, Mental Processes Drug Effects, Occupational Diseases Chemically Induced, Psychological Tests, Textile Industry)


Human, Air Pollutants Occupational, Carbon Disulphide Poisoning, Environmental Exposure, Nervous System Diseases Chemically Induced Physiopathology, Neural Conduction Drug Effects, Occupational Diseases Chemically Induced Physiopathology, Textile Industry)


Human, Air Pollutants Occupational Adverse Effects, Asthma Chemically Induced, Cyanates Adverse Effects, Environmental Exposure, Occupational Diseases Chemically Induced, Refrigeration, Respiratory Tract Diseases Chemically Induced, Retrospective Studies, Toluene Diisocyanate Adverse Effects, English Abstract]

Allergic contact dermatitis from ethylacrylate in a window sealant. (English) Rudzki, E., Contact Derm., 4, 53, Feb. 78.

Human, Acrylates Adverse Effects, Case Report, Eczema Chemically Induced, Hand Dermatoses Chemically Induced, Occupational Dermatitis Chemically Induced] University Hospital, Lund, Sweden.

Dermatitis from epoxy resin, triethylenetetramine and ethylene diamine. (English) Nethercott, J. R., Brit. J. Derm., 98, 541-52, May 78.

Human, Animal, Guinea Pigs, Acrylates Adverse Effects, Conjunctivitis Chemically Induced, Dermatitis Contact Aetiology, Ink, Occupational Dermatitis Aetiology, Printing, Skin Tests] Department of Dermatology, Warsaw Medical School, Warsaw, Poland.

Skin problems associated with multifunctional acryllic monomers in ultraviolet curing inks. (English) Nonacini, S., Med. Lav., 69, 101-13, Apr. 78.

Human, Animal, Guinea Pigs, Acrylates Adverse Effects, Conjunctivitis Chemically Induced, Dermatitis Contact Aetiology, Ink, Occupational Dermatitis Aetiology, Printing, Skin Tests] Department of Medicine (Dermatology), St Michael's Hospital, University of Toronto, Toronto, Canada.

Insidious benzene poisoning. (English) Kaye, S., Med. Lav., 70, 42-4, Feb. 78.

Human, Benzene Poisoning Toxicity, Environmental Exposure, Maximum Permissible Exposure Level, Puerto Rico)
7 Effects of animal and vegetable substances

Primary inoculation tuberculosis of the skin. Prosector's paronychia. (English)
[Human, Autopsy, Case Report, Internship and Residency, Occupational Diseases Transmission, Paronychia Drug Therapy Pathology Transmission, Skin Pathology, Tuberculosis Cutaneous Diagnosis Drug Therapy Pathology Transmission]
Department of Medicine, Letterman Army Medical Center, Presidio of San Francisco, California, USA.

Dust exposures in the Canadian grain industry. (English)
[Human, Air Pollutants Occupational, Dust Analysis, Environmental Exposure, Grain Quartz Analysis, Spores Fungal Analysis, Canada]
Occupational Health Unit, Health and Welfare Canada, Ottawa, Canada.

Rabies in a veterinarian. (German)
[Human Animal, Cattle Antibodies Viral Analysis, Case Report, Occupational Diseases, Rabies Vaccine Therapeutic Use, Rabies Virus Immunology Isolation and Purification, Rabies Diagnosis Pathology Prevention and Control, Sputum Microbiology, Veterinary Medicine, English Abstract]
Medizinische Abteilung des kantonalen Kreisspitals Wolhusen, Switzerland.

Byssinosis. (German)
[Human, Antibody Formation, Byssinosis Diagnosis Aetiology Occurrence Therapy, Diagnosis Differential, Egypt, England, Ireland, United States, West Germany, Review]
Prevention of contamination in the dental office. (English)
[Human, Cross Infection Prevention and Control, Dental Care, Disinfection, Hepatitis B Aetiology, Occupational Diseases]

 Immunological aspects of the pathogenesis of byssinosis. (Polish)
[Human, Byssinosis Aetiology Immunology, Cotton Adverse Effects, Immunoglobulins Analysis, Textile Industry, English Abstract]

Citrus eye disease. (English)
[Agricultural Workers' Diseases Microbiology, Citrus Fruits, Corneal Ulcer Microbiology, Keratitis Microbiology, Mycoses Occurrence, Florida]

The use of antigens grown at different temperatures in the diagnosis of Farmer's lung disease. (English)
[Human, Antigens Bacterial, Farmer's Lung Diagnosis Immunology, Temperature]

A respiratory survey of cedar mill workers. I. Prevalence of symptoms and pulmonary function abnormalities. (English)
[Human, Asthma Diagnosis Aetiology, Respiratory Function Tests, Respiratory Hypersensitivity Diagnosis Aetiology, Smoking, Wood]
Department of Medicine, University of British Columbia, Canada.

A respiratory survey of cedar mill workers. II. Influence of work-related and host factors on the prevalence of symptoms and pulmonary function abnormalities. (English)
[Human, Alpha 1-Antitrypsin Genetics, Hypersensitivity Diagnosis, Phenotype, Respiratory Function Tests, Respiratory Hypersensitivity Diagnosis Aetiology, Skin Tests, Smoking, Time Factors, Wood]
Department of Preventive Medicine and Biostatistics, University of Toronto, Ontario, Canada.

IgE antibodies to wheat flour components. Studies with sera from subjects with baker's asthma or coeliac condition. (English)
[Human, Albumins Immunology, Allergens, Asthma Immunology, Coeliac Disease Immunology, Flour, Food Hypersensitivity Immunology, Food-Processing Industry, Gliadin Immunology, Globulins Immunology, IgE Isolation and Purification, Sprue Immunology, Wheat] Children's Medical Research Foundation, Princess Margaret Hospital, Perth, Western Australia.

Precipitins to different avian serum antigens in bird fancier's lung and coeliac disease. (English)
[Human, Alveolitis Extrinsic Allergic Immunology, Antigens, Bird Fancier's Lung Aetiology Immunology, Chickens, Egg Yolk, Hypersensitivity Immediate Complications, Parakeets Immunology, Pigeons Immunology, Precipitins Isolation and Purification, Psittacines Immunology, Sprue Aetiology Immunology]
Churchill Hospital, Oxford, England.

Grain dust and the lungs. (English)
[Human, Alpha 1-Antitrypsin Blood, Asthma Aetiology, Bronchitis Aetiology, Chronic Disease, Dust, Farmer's Lung Aetiology, Grain Adverse Effects, Silo Filler's Disease Aetiology, Review]
Department of Medicine, Vancouver General Hospital, University of British Columbia, Vancouver, British Columbia, Canada.

Past and present hazards of working with infectious agents. (English)
[Human, Animal, Accidents, Aerosols, Laboratory Infection Aetiology Prevention and Control Transmission, Protective Devices, Risk]
Department of Microbiology, Southwestern Medical School, University of Texas Health Science Center, Dallas, Texas, USA.

The hidden peril in your office. (English)
Holman, T. E., Dent. Manage., 17, 24-7, 30, 36, Mar. 77.
[Human, Case Report, Dentists, Hepatitis B]

Grain dust and health. I. Early diagnosis in occupaional pulmonary disease: Discussion. (English)
[Human, Closing Volume, Evaluation Studies, Grain, Lung Diseases Obstructive Diagnosis, Lung Volume Measurements, Nitrogen, Occupational Diseases Diagnosis]

On respirable organic antigens, mattresses and some idiopathic lung diseases. (English)
Schwartz, H. J., Chester, E. H., Fink, J. N., Payne, C. B.
The allergic alveolitis of budgerigar fanciers. Unusual increase of incidence during recent years. (German)

[HUMAN, ALLERGIC DRUG ALLERGIC REACTIONS, CUTANEOUS DRUG ALLERGIC REACTIONS, HUMAN, BLUING, HUMAN, CONJUNCTIVITIS, HUMAN, ALLERGIC ECZEMA, HUMAN, ALLERGIC REACTIONS, OCCUPATIONAL ALLERGIC REACTIONS, MYCOLOGICAL STUDIES, TRACHEAL OBSTRUCTION, ANAPHYLAXIS, HUMAN, ALLERGIC ECZEMA] Effects of local vibration on peripheral circulation. (German)

[HUMAN, BLOOD CIRCULATION, HUMAN, ALLERGIC ECZEMA, HUMAN, ALLERGIC REACTIONS, OCCUPATIONAL ALLERGIC REACTIONS, MYCOLOGICAL STUDIES, TRACHEAL OBSTRUCTION, ANAPHYLAXIS, HUMAN, ALLERGIC ECZEMA, HUMAN, ALLERGIC REACTIONS, OCCUPATIONAL ALLERGIC REACTIONS, MYCOLOGICAL STUDIES, TRACHEAL OBSTRUCTION, ANAPHYLAXIS, HUMAN, ALLERGIC ECZEMA] Dysbaric osteonecrosis. Etiological and pathogenetic concepts. (English)


[HUMAN, ANIMAL, MOUSE, OBESITY, DECOMPRESSION SICKNESS, BLOOD COMPLICATIONS, THERAPY, DIVING, EMBOLISM COMPLICATIONS, GASES, BLOOD, OBESITY PHYSIOPATHOLOGY, OSTEONECROSIS COMPLICATIONS, AETIOLOGY, PATHOLOGY, US GOVERNMENT SUPPORTED NON-NIH] Systematic audiometric control of workers employed in a noisy environment and criteria for their removal from the noise. (Serbo-Croat)

[HUMAN, ACOUTIC TRAUMA DIAGNOSIS AETIOLOGY, AUDIOLOGY, NOISE ADVERSE EFFECTS, OCCUPATIONAL DISEASES DIAGNOSIS AETIOLOGY] Audiologic criteria for use in work with critical noise levels. (Serbo-Croat)

[HUMAN, ACOUTIC TRAUMA DIAGNOSIS AETIOLOGY, AUDIOLOGY, NOISE ADVERSE EFFECTS, OCCUPATIONAL DISEASES DIAGNOSIS AETIOLOGY] Effects of hearing-protective devices and hearing loss on the intelligibility of speech during aircraft noise. (German)

[HUMAN, AVIATION MEDICINE, EAR PROTECTIVE DEVICES, HEARING DISORDERS, HEARING PHYSIOLOGY, NOISE, PROTECTIVE DEVICES, SPEECH, WEST GERMANY] Noise as the main stress. (German)

[HUMAN, NOISE, STRESS PSYCHOLOGICAL, WEST GERMANY] Preventive effect of a vasodilator on the occurrence of decompression sickness in rabbits. (English)

[ANIMAL, RABBITS, DECOMPRESSION SICKNESS PREVENTION AND CONTROL, TERBUTALINE THERAPEUTIC USE, VASODILATOR AGENTS THERAPEUTIC USE]
Laboratory of Aviation and Naval Physiology, Institute of Physiology and Biophysics, University of Lund, Sweden.

Eye hazards associated with lasers. (English)
[Human, Animal, Monkeys, Lasers Adverse Effects, Retina Injuries Pathology]

Assessment of hand transmitted vibration. (English)
[Human, Hand Blood Supply, Maximum Permissible Exposure Level, Vascular Diseases Aetiology, Vibration Adverse Effects]

Noise exposure and hearing loss. (English)
Tempest, W., Ann. occup. Hyg., 21, 51-6, Mar. 78.
[Human, Hearing Disorders Aetiology, Maximum Permissible Exposure Level, Noise Adverse Effects]

Magnetic tape recordings in noise analysis for industrial medicine purposes. (German)
[Human, Noise Analysis, Tape Recording, West Germany]

Radiographic findings in commercial divers. (English)
[Human, Decompression Sickness Complications, Diagnosis Differential, Diving, Femur Head Necrosis Osteonecrosis Pathology Radiography, Trabecular Meshwork Pathology]

Prevention of dysbaric osteonecrosis in compressed-air workers. (English)
[Human, Decompression Sickness Complications Therapy, Diving, Engineering, Osteonecrosis Aetiology Prevention and Control]

Diagnostic Osteonecrosis Center and Research Foundation P.O. Box 606, Clearlake Oaks, California, USA.

Presbycusis (Author's translation). (German)
Mann, W., Beck, C., Laryngol. Rhinol. Otol. (Stuttgart.), 57, 352-8, Apr. 78.
[Human, Adult, Age Factors, Aged, Deafness Diagnosis, Environmental Exposure, Hearing Tests, Noise Adverse Effects, Presbycusis Diagnosis Aetiology, English Abstract]

Univ.-HNO-Klinik, 7800 Freiburg i. Br., West Germany.

Pathological review of osteonecrosis in divers. (English)
Kawashita, M., Torsu, T., Hayashi, K., Kitano, M., Clin. Orthop., 130, 107-17, Jan.-Feb. 78.
[Human, Case Report, Decompression Sickness Blood Complications Pathology, Diving, Osteonecrosis Complications Pathology]

Department of Orthopaedic Surgery, Kyushu Rosai Hospital, Kitakyushu, Japan.

Inter industry noise study. The effects upon hearing of steady state noise between 82 and 92 dB. (English)
[Human, Hearing Disorders Diagnosis Aetiology, Noise Adverse Effects]


Safety under the North Sea: work on Uncle John. (English)
Gardiner, R. W., Nurs. Times, 74, 827-9, 18 May 78.
[Human, Decompression Sickness Therapy, Diving, Hyperbaric Oxygenation, Industrial Nursing Education, Military Nursing, Submarine Medicine]

9 Methods of investigation of body function

Evolution of working capacity and social problems (Author's translation). (French)

Surveillance on microwave and laser workers [Letter]. (English)
[Human, Cataract Aetiology, Eye Injuries Aetiology, Lasers Adverse Effects, Microwaves Adverse Effects]

Auditory and vestibular damage in head injuries at work. (English)
[Human, Accidents Industrial, Acoustic Impedance Tests, Audiometry Methods, Caloric Tests, Electronystagmography, Head Injuries Complications, Hearing Disorders Diagnosis Aetiology, Unconsciousness Aetiology, Vertigo Diagnosis Aetiology, Vestibular Function Tests]

Hearing Branch, Workers' Compensation Board of British Columbia, Canada.

Effect of age on prediction of sensorineural hearing level from the acoustic reflex. (English)
[Human, Acoustic Stimulation Methods, Audiometry Methods, Auditory Threshold, Comparative Study, Hearing Disorders Diagnosis, Probability, Sound]

Department of Otorhinolaryngology, Baylor College of Medicine, Houston, Texas, USA.

Effect of noise on the hearing organ in relation to age. (Polish)
[Human, Age Factors, Hearing Disorders Aetiology, Naval Medicine, Noise Adverse Effects, Ships, English Abstract]

Noise induced sensorineural hearing loss: implications for the practicing clinician. (English)
[Human, Animal, Chinchillas, Guinea Pigs, Acoustic Trauma Pathology, Auditory Threshold, Comparative Study, Hearing Disorders Diagnosis, Probability, Sound]

Department of Audiology and Speech Pathology, University of Tennessee, Knoxville, Tennessee, USA.

Acoustic trauma. (French)
Martin, M., Chir. Dent. Fr., 46, 61, 24 Mar. 76.
[Human, Acoustic Trauma Aetiology Prevention and Control, Dental High Speed Equipment Adverse Effects, Dentists]

Analysis of 1700 compensated cases of noise induced hearing loss in the metal industry (Author's translation). (German)
[Human, Acoustic Trauma Diagnosis, Audiometry, Disability Evaluation, Insurance Benefits, Insurance Health, Metallurgy, Occupational Diseases Diagnosis, Risk, Time Factors, West Germany, English Abstract]

Institut für Lärmbekämpfung des Hauptverbandes der gewerblichen Berufsgenossenschaften, Mainz, West Germany.

On vibration hazards in rock-drill operators of a metal mine (Author's translation). (Japanese)
[Human, Age Factors, Mining, Occupational Diseases, Raynaud's Disease Diagnosis Aetiology, Vibration Adverse Effects, Japan, English Abstract]

Department of Hygiene, Nagoya University School of Medicine, 65 'Tsuramai-cho, Showa-ku, Nagaya, Japan.
The versatile field evaluation of noise-induced measurement of significance.

Airway obstruction, emphysema and volumen pulmomin actuom. (German)

(Author's translation). (Dutch)

Forced Expiratory Volume, Spirometry, Work Capacity Evaluation, English Abstract]

Airway obstruction, emphysema and volumen pulmomin actuom. (German)

(Author's translation). (Dutch)

Evaluation of exercise tolerance and workload of lung patients (Author's translation). (Dutch)

Human, Airway, Asthma Bronchitis Diagnosis, Forced Expiratory Volume, Lung Diseases Obstructive, Pulmonary Emphysema, Silicosis Diagnosis, English Abstract]

Studies on non-specific humoral response in workers exposed to beryllium. (Polish)
Cianciara, M., Lohc, T., Pol. Tyg. lek., 33, 735-7, 1 May 78.

(Human, Beryllium Immunology, IgA Analysis, Occupational Diseases Immunology, English Abstract)

Speech pure tone audiometry as a screen for exaggerated hearing loss in industrial claims. (English)

(Human, Acoustic Stimulation, Acoustic Trauma Diagnosis Occurrence, Audiometry, Auditory Threshold, Speech, Ontario)
Department of Otologyngyology and the Mount Sinai Hospital, Toronto, Ontario, Canada.

The threshold of octave masking (TOM) test as a predictor of susceptibility to noise-induced hearing loss. (English)

(Human, Acoustic Trauma Diagnosis, Auditory Threshold, Hearing Tests, Perceptual Masking)

Hearing handicap scores and categories for subjects with normal and impaired hearing sensitivity. (English)

(Human, Aged, Auditory Threshold, Comparative Study, Deafness Diagnosis, Disability Evaluation, Handicapped, Hearing Tests Methods, Self Assessment)
Illinois State University, Normal, Illinois, USA.

Delay in the development of the allergic response to metals following intratracheal instillation. (English)

(Animal, Guinea Pigs, Antigenic Determinants, Chromates Administration and Dosage, Hypersensitivity Delayed Chemically Induced Immunology, Intubation Intratracheal, Nickel Administration and Dosage, Potassium Dichromate Administration and Dosage, Sulphates Administration and Dosage)

Detection and assay of organophosphate pesticides in human blood by gas chromatography. (English)

(Human, Agricultural Workers' Diseases Chemically Induced, Cholinesterases Blood, Chromatography Gas, Erythrocytes Enzymology, Insecticides Organophosphate Blood Poisoning, Methods)
Unité de Toxicologie expérimentale, INSERM U26 Hôpital Fernand Widal, Paris, France.

10 Environmental measurement, control, and protection of the subject

The versatile audio dosimeter. (English)
[Allergy to Noise, Diagnosis, speakers]

Auditory Instrumentation, Noise
Department of Safety and Medical, McDonnell Douglas Corporation St. Louis, Missouri, USA.

A field evaluation of noise-induced temporary threshold shift. (English)

Human, Auditory Threshold, Environmental Exposure, Hearing Tests, Noise, Occupations, Time Factors]

Audiologie, Ecole de Readaptation, Université de Montréal, Canada.

New hygienic measures for reduction of mercury vapor in dental operators. (English)

(Human, Air Pollution Prevention and Control, Dental Offices, Mercury, Occupational Diseases)

Biological monitoring. Guest lecture given at the 26th Nordic
symposium on industrial hygiene, Helsinki, October 1977. (English)
Coronel Laboratory, Faculty of Medicine, University of Amsterdam, Amsterdam, The Netherlands.
The value of screening and health surveillance to employment. (English)

Estimates of industrial and other risks. (English)

Hygiene standards for the bakery trade: a summary of experience, 1952-1977. (English)

Hygiene standards in industry (English)

An inhalable-dust sampler, for measuring the hazard from total airborne particulate. (English)
Maltoni, C., Prog. biochem. Pharmacol., 14, 47-56, 1978. [Human, Animal, Hamsters, Mice, Rats, Asbestos Adverse Effects, Neoplasms, Occupational Diseases Chemically Induced, Research, Vinyl Chloride Administration and Dosage Adverse Effects] Institute of Oncology and Tumour Center, Bologna, Italy.

Comparative estimate of methods used in the examination of the sensitizing properties of chemical compounds. (Polish)
Baratski, B., Kryslak, B., Popłaska, E., Med. Pr., 29, 21-4, 1978. [Animal, Guinea Pigs, Chromates Immunology, Comparative Study, Dinitrochlorobenzene Immunology, Nitrobenzenes Immunology, Potassium Dichromate Immunology, English Abstract] Z Zakładu Toksykologii Przemysłowej Instytutu Medycyny Pracy w Lodz, Poland.

Damage to the heart due to industrial influences with special reference to chemical noxae. (German)

Significance of occupational cancer. (English)

Predictive carcinogenicity bioassays in industrial oncogenesis. (English)
Maltoni, C., Prog. biochem. Pharmacol., 14, 47-56, 1978. [Human, Animal, Hamsters, Mice, Rats, Asbestos Adverse Effects, Neoplasms, Occupational Diseases Chemically Induced, Research, Vinyl Chloride Administration and Dosage Adverse Effects] Institute of Oncology and Tumour Center, Bologna, Italy.

Risk of occupational cancer. (English)

Predictive carcinogenicity bioassays in industrial oncogenesis. (English)
Maltoni, C., Prog. biochem. Pharmacol., 14, 47-56, 1978. [Human, Animal, Hamsters, Mice, Rats, Asbestos Adverse Effects, Neoplasms, Occupational Diseases Chemically Induced, Research, Vinyl Chloride Administration and Dosage Adverse Effects] Institute of Oncology and Tumour Center, Bologna, Italy.

Comparative estimate of methods used in the examination of the sensitizing properties of chemical compounds. (Polish)
Baratski, B., Kryslak, B., Popłaska, E., Med. Pr., 29, 21-4, 1978. [Animal, Guinea Pigs, Chromates Immunology, Comparative Study, Dinitrochlorobenzene Immunology, Nitrobenzenes Immunology, Potassium Dichromate Immunology, English Abstract] Z Zakładu Toksykologii Przemysłowej Instytutu Medycyny Pracy w Łodzi, Poland.

Risks at work from medication. (English)

IARC monographs on the evaluation of the carcinogenic risk of chemicals to man: general remarks on the substances considered. (English)
Chemically Induced, Risk]


[Occupational, Disability Evaluation, Personnel Administration Hospital, Physician-Patient Relations]

Fellburn Hospital, Burnaby, British Columbia, Canada.


[Hospital, Homekeeping Hospital Organization and Administration, Personnel Administration Hospital, Problem Solving]

St. Thomas Psychiatric Hospital, Ontario, Canada.


[Dental Assistants, Dentists, Iatrogenic Disease, Occupational Diseases]


[Human Carbon Monoxide Poisoning Therapy, Decompression Sickness Therapy, Embolism Air Therapy, Gas Gangrene Therapy, Hyperbaric Oxygenation Adverse Effects]


[Human, Dentists, Hepatitis B Aetiology]


[Human, Hepatitis B Occurrence, Laboratory Infection Occurrence, Questionnaires] University Department of Infectious Diseases, Ruchill Hospital, Glasgow, Scotland.


[Human, Abortion Chemically Induced Occurrence, Arsenic, Birthweight Drug Effects, Chromosome Aberrations, Environmental Exposure, Infant Newborn, Lead Poisoning Occurrence, Metallurgy, Pregnancy, Risk, Smoking, Sulphur Dioxide Poisoning, Sweden]


[Human, Allergens, Chemical Industry, Environmental Exposure, Occupational Diseases Chemically Induced, Respiratory Hypersensitivity Chemically Induced, East Germany, English Abstract]


Epidemiological studies of the occupational hazards of anaesthesia—a review. (English) Vessey, M. P., *Anaesthesia*, 33, 430-8, May 78.

[Human, Abnormalities Drug-Induced, Abortion Chemically Induced, Air Pollutants Occupational Adverse Effects, Anaesthesia, Foetal Death Chemically Induced, Neoplasms Chemically Induced, Occupational Diseases Chemically Induced, Pregnancy, Sampling Studies, England, Review]

University Department of Social and Community Medicine, Oxford, England.

From the viewpoint of the industrial medicine specialist. (German) Haufl, K., *ZFA (Stuttgart)*, 54, 1018-22, 10 Jul. 78.

[Human, Adolescence, Jurisprudence, Occupational Diseases Prevention and Control Therapy, Physical Examination, West Germany]


[Dyspnœa Physiopathology, Forced Expiratory Volume, Medical Records, Pneumoconiosis Physiopathology, Sampling Studies]


[Human, Lung Neoplasms Mortality Occurrence, Stainless Steel, Sweden]


[Human, Occupations, Transport, Vision, London]


[Human, Occupations, Vision Disorders]

Colour vision defects—occupational significance and testing requirements. (English) Voke, J., *J. soc. occup. Med.*, 28, 51-6, Apr. 78.

[Human, Colour Blindness Diagnosis, Employment, Occupations]

Dermatitis from octyl gallate in peanut butter. (English) van Ketal, W. G., *Contact Derm.*, 4, 60-1, Feb. 78.

[Human, Case Report, Dermatitis Contact Aetiology, Gallic Acid Analogues and Derivatives Adverse Effects, Occupational Dermatitis Chemically Induced, Peanuts] Department of Dermatology, Free University, Amsterdam, The Netherlands.
