

CONTENTS

*Clinical Studies***Birefringent particles in granulomatous dermatitis, sarcoid-type, as well as in other non-granulomatous skin disorders in patients without sarcoidosis**

Fernandez-Flores A 328

We studied the most recent 200 skin biopsies that came to our service. We also studied 10 cases of sarcoid-type granulomatous dermatitis. All of them were studied under the polarized light. Quantification of particles was classified from negative to very abundant. We found birefringent particles in 39.5 % of the biopsies without a sarcoid-type granulomatous infiltrate.

Evaluation of cerebrovascular insult types and their localization in patients due to the presence of elevated body temperature

Savic M, Jakovljevic V, Nikolic D, Djuric D 332

Since cerebrovascular insult is among the three leading causes of mortality, on-time diagnosis and proper treatment are of great importance in avoiding the onset of potentially fatal complications. There are few studies suggesting what types of cerebrovascular insults and their localization are to be under specific follow-up. In our study we want to present our results describing the correlation between type and localization of cerebrovascular insults and onset of fever as a complication.

Evaluation of the repaglinide efficiency in comparison to the glimepiride in the type 2 diabetes patients poorly regulated by the metformine administration

Dimic D, Velojic Golubovic M, Antic S, Radenkovic S 335

The efficacy of the metformin/repaglinid (group A) and the metformin/glimepirid (group B) regimes in the type 2 diabetics were studied. Fasting blood glucose (FBG), postprandial blood glucose (PBG) and HbA1c were significantly lower after 3-month regiment. PBG and HbA1c were significantly lower in the group A after 3 months. There was no significant difference in the numbers of hypoglycemic episodes.

Axial deviation in total knee arthroplasty – is the navigation system necessary?

Zigo P, Ranke TP, Ziegenbalg A, Pfeiffer S 340

The aims of the total knee arthroplasty are to reduce or completely relieve pain and improve mobility of the affected joint. In the last decade navigation systems based on computer and infrared camera technology are developing quickly as an alternative to conventional surgical navigation techniques. Results of our study show advantage in using the optoelectronic navigation system in total knee arthroplasty. Computerised navigation system enables exact insertion of knee components which results in longer life-span of the prosthesis

Socioeconomic predictors of smoking behaviour among school-aged children, in the Slovakia

Marcinkova D, Majdan M, Gergelova P, Rusnak M, Pekarcikova J, Baska T 345

The results of present study, conducted on the base of international Global Youth Tobacco Survey, has demonstrated the association between social predictors and smoking habits in adolescents in Slovak Republic.

A comparison of the opinion of general practitioners and their patients on compliance with pharmacotherapy

Gajdosik J, Brukkerova D, Kriska M, Svorenova A 350

The aim of the study was to identify and confront the opinions of both patients and general practitioners on their relationship.

Non-compliance is a frequent reason for the patient's unsatisfying response to the therapy. A professional approach to this problem is an essential precondition of an increased quality of health care and an increased patient's satisfaction without requirements of health care system for additional financial resources.

Anthropometry, nutrition status and thymic size of Gypsy newborns from Southwestern Slovakia

Varga I, Toth F, Uhrinova A, Nescakova E, Pospisilova V, Polak S 354

Gypsy population represents a specific minority in Slovakia that differs from the majority population by its origin and genetic markers, as well as by generally lower social and economic status and lower hygienic standards of living. The aim of the present work is the analysis of anthropometric dimensions and indexes, as well as of thymus size, in the group of Gypsies and non-Gypsy newborns from the Southern Slovakia.

Spectrum of movement disorders in professional welders

Fang JY, Phibbs FT, Davis TL 358

The aim of this study is the clinical presentation of movement disorder in patients who reported a history of welding. Welders who present with a movement disorder such as parkinsonism or dystonia, have the prevalence rates for these disorders similar to the non-welder population.

*Case Reports***Moebius syndrome associated with hypoplastic left heart syndrome**

Jurko Jr. A, Minarik M, Misovicova N, Jurko A 361

The authors present a newborn infant from the second pregnancy whose mother experienced influenza A infection in the first trimester. The birth was at term without complications, but 11 hours later, cyanosis and tachypnoe developed. The final diagnosis was hypoplastic left heart syndrome with simultaneous Moebius Syndrome.

Liver tuberculoma

Treska V, Hes O, Nemcova J 363

Liver tuberculosis is a fairly rare manifestation of extra-pulmonary tuberculosis. We distinguish several forms of liver affection by tuberculosis. One of these is liver tuberculoma, the incidence of which is quite rare. The authors present a case of liver tuberculoma as an occupational disease.

Foreign body granuloma: a mimic of breast carcinoma

Selda Tez, Meral Sen, Sibel Yenidünya, Mesut Tez 366

Foreign body granuloma of the breast may cause diagnostic controversy when they present with neoplasia-like imaging findings. A 70-year-old woman presented with a mass in the lower outer quadrant of the right breast measuring 3x2 cm with a history of breast biopsy from her right breast a year ago.

*Surveillance***Why Croatian patients increasingly opt for treatment in private medical clinics?**

Josipovic-Jelic Z, Soljan I, Brajkovic L, Titlic M 368

The professional conduct of medical professionals should be a guarantee to the citizens of Croatia that, if they become patients, their medical institutions, regardless of whether they are private or state-owned, will provide them with a good-quality and timely medical care.