

CONTENTS

*Clinical and Experimental Study***Small bowel transplantation in experimental and clinical medicine**

- Balaz P, Kudla M, Adamec M 193
 Small bowel transplantation (SBT) has recently received an increased attention of clinicians as an alternative in the management of patients with irreversible bowel failure. In this study, the authors provide an overview of basic facts on SBT in experimental and clinical medicine.

*Experimental Study***Cardiopulmonary and inflammatory changes in adult rabbits with meconium aspiration**

- Mokra D, Calkovska A, Bulikova J, Petraskova M 196
 Meconium administration worsened lung functions, increased pulmonary vascular resistance and amount of lung fluid and led to polymorphonuclear accumulation in the lungs associated with decreased neutrophil and increased eosinophil counts in the blood. The results indicate that adult rabbits may be used for an experimental testing of drugs influencing lung inflammation and vasoconstriction in MAS.

*Clinical Studies***Infectious ileocectis – appendicitis mimicking syndrome**

- Zganjer M, Roic G, Cizmic A, Pajic A 201
 An ultrasound of the lower abdominal quadrant should be considered in all cases where the clinical signs and symptoms are not characteristic for appendicitis. There is a wide range of clinical syndromes and diseases which can easily be diagnosed using a high resolution ultrasound with adjunct of color and power Doppler. The spectrum of diseases includes appendicitis, mesenteric lymphadenitis, infectious ileocectis, Crohn's disease, intussusception, ovarian cysts, and encysted cerebrospinal fluid.

Brain natriuretic peptide (BNP) in differential diagnosis of dyspnea

- Belovicova M, Kinova S, Hrusovsky S 203
 Differentiating of congestive heart failure from pulmonary cause of dyspnea is of extreme importance in patients presenting with acute shortness of breath. It seems that the use of B-type natriuretic peptide (BNP) can significantly speed up the diagnostic process. The rapid, highly sensitive and specific measurement of BNP concentrations in the patients with dyspnea can help to differentiate the cardiac and pulmonary cause of dyspnea.

Arterial iatrogenic pseudo-aneurysms – experiences and recommendations for procedures to prevent their incidence and treatment

- Konecny Z, Kriz Z, Horky M, Krejci M, Orban M, Rezek M 207
 The study presents a retrospective account of the number of invasive surgeries conducted at the 1st Department of Medicine – Cardioangiology of the St. Anne's University Hospital Brno (UH) from 1996 to 2004. Summarised are numbers of PSA's conducted in this period by surgeons of the 2nd Department of Surgery of the St. Anne's University Hospital Brno.

*Experimental Study***Body surface integral maps in patients with arrhythmogenic right ventricular cardiomyopathy**

- Navarcikova S, Sulkova I, Celec P, Hatala R, Urban L, Zlatos L, Hulin I 212
 Arrhythmogenic right ventricular cardiomyopathy (ARVC) is a progressive disorder of predominantly right ventricle characterized with arrhythmic events possibly leading to sudden cardiac death. QRST integral mapping is an adequate method for evaluation of dispersion of ventricular repolarization in ARVC patients.

*Clinical Study***Atypical course of nervus axillaris**

- Matejcik V 216
 This study identifies and describes an exceptional anatomical variation – n. axillaris as the continuance of the posterior branch of the upper trunk.

*Case Reports***Arteriovenous fistula as a complication of renal biopsy**

- Kopečna L, Mach V, Prochazka J 218
 Percutaneous renal biopsy is a routine examination method in nephrology. The incidence of arteriovenous fistulas (AVF) after renal biopsy is reported to range from 1 to 18 %. This case demonstrated the effectiveness and safety of the technique of superselective embolization in 10-year-old boy.

The use of dermal template INTEGRA in a scalpatation injury of hand

- Bansky R 221
 Scars are extremely problematic, unstable, particularly in weight bearing areas. The use of split thickness skin grafts or meshed split-thickness grafts frequently produces poor cosmetic and functional result, full thickness skin is available only in small quantities and free tissue transfer creates severe donor site defects and are surgically challenging.

*Topical Reviews***Carotid endarterectomy – treatment trends**

- Podlaha J 226
 Surgery of the extracranial vascular bed firstly involves surgery of the carotid arteries. It is difficult to separate surgical problems of other arteries from carotid surgery. This study focuses on carotid surgery. The first carotid endarterectomy in former Czechoslovakia was carried out in the author's workplace in 1963.

Health benefits and risks of plant proteins

- Krajcovicova-Kudlackova M, Babinska K, Valachovicova M 231
 The authors compare the protein composition of animal and plant food sources and describe danger and favourable health effects of individual amino acids in the light of protein synthesis, lipid metabolism and cancer.

*Short Communications***Epidemiology of testicular tumors in the Slovak Republic**

- Ondrus D, Cuninkova M 235

Soft-tissue tumors – role of diagnostic imaging

- Lehotska V 236

Chemoprevention of colorectal cancer

- Svec J 238

*Information***The third degree of university education (PhD-study) at Bratislava Faculty of medicine, Comenius University, Bratislava**

- Bernadic M, Bernadicova H, Traubner P 239