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*Perspectives***Bone quality. Elasticity and strength**

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 Mechanical, properties of biomaterials are characterized by stress – strain curves, produced on the basis of testing the biomaterials by progressive tensile and compressive load.

*Clinical Studies***The value of fine needle aspiration and cytologic examination of impalpable complicated breast cysts**

- Selda Tez, Cenap Dener, Asly Köktener, Muzaffer Çaydere, Mesut Tez 387
 The purpose of the study was to evaluate the utility of fine needle aspiration — FNA and cytologic analysis of impalpable complicated breast cysts. Impalpable complicated breast cysts may be classified as probably benign and can be managed with follow-up imaging studies instead of intervention. Routine cytologic examination is unnecessary if the fluid is not bloody.

Venous leg ulcers – a surgical treatment

- Cambal M, Labas P 391
 The authors consider a compression sclerotherapy (the Fegan, s technique) the easiest and the most effective way of treating patients with venous ulcer. The direct valve repair techniques are appropriate only in non-thrombotic deep vein reflux, which is very rare (4 patients – 0.6 %). In patients with torpid ulcers, where the compression sclerotherapy failed (4.6 % – 28 pts), the in situ construction of a new valve could help.

Is it reasonable to set a time limit for stitching the esophageal perforation?

- Chlapik D 396
 Despite the data from literature and standards recommendations, the stitched esophageal perforation has healed after being present longer than 24 hours in 3 from 4 patients. On contrary, in early surgical therapy in 3 patients, 2 had died. The requirement for a time limit in surgical therapy of esophageal perforation is questionable. The lethality round 30 % persists.

Long-term results of surgical treatment of total anomalous pulmonary venous drainage in children

- Sagat M, Omeje IC, Nosal M, Kantorova A, Valentik P, Poruban R 400
 The outcome of surgery for total anomalous pulmonary venous drainage (TAPVD) has improved over the years due to better preoperative, operative and postoperative patients' management. Patients with the obstructive type of TAPVD have higher postoperative complications than those without obstruction. About 8 % of patients with TAPVD will undergo surgical re-intervention owing to obstruction of the pulmonary veins.

Real-time ultrasound in the detection of intrauterine growth retardation in preeclampsia

- Jasovic-Siveska EI, Jasovic VI 405
 The routine use of the ultrasound scan as a visual method has a priority in the investigation of fetus growth and development, and in detection of eventual fetus malformations. An early identification of eventual intrauterine growth retardation and fetus development using an ultrasound method. Based on our study it can be concluded that IUGR is the main complication of the fetus in the hypertensive pregnancy. The most common type of restriction in PIH was the asymmetric type of IUGR. In PIH pregnancies, there could be a faster aging of the placenta and oligohydramnion.

*Case Reports***Successful therapy with intravenous immunoglobulin in the management of polymyositis**

- Kristofova B, Oetterova M, Valocikova I, Macejova Z, Pidanicova A, Firment J, Majernik M, Lazurova I 412
 The authors report a case of a 66 year old woman with primary idiopathic polymyositis. The clinical state of the patient was complicated by progressive muscle weakness, dysphagia, and respiratory failure. Due to the ineffectiveness of the treatment with corticosteroids and cyclophosphamide, treatment with high doses of immunoglobulins was started.

Diabetes mellitus and Degos disease

- Fernandez-Flores A, Manjon JA, Mencia J 414
 The authors present the case of a 75-year-old man who was diagnosed with Degos disease (DD) in the context of type 2 diabetes mellitus. The cutaneous lesions of DD were located at the trunk as well as in the proximal parts of the arms. He presented with positive laboratory test for lupic anticoagulant, but other rheumatologic parameters of interest were within normal limits.

Giant well-differentiated liposarcoma of retroperitoneum

- Yildirim O, Namdaroglu OB, Menekse E, Albayrak AL 418
 Liposarcoma is a malignancy of fat cells that occurs in deep soft tissue and mostly seen in limbs and retroperitoneum. It is the most common mesenchymal tumor of the retroperitoneum. It is detected at very late stages especially when the tumor gains substantial size, weight of several pounds at the time of diagnosis because it grows very silently in deep tissues in the retroperitoneal area.

*Topical Review***Lamotrigine in the treatment of pain syndromes and neuropathic pain**

- Titlic M, Jukic I, Tonkic A, Josipovic-Jelic Z, Boschi V, Mihalj M, Punda A 421
 Anti-epileptic drugs are increasingly used in the treatment of pain syndromes and neuropathic pain. Sodium channel blockers can be effective in the treatment of pain. The object of our interest is the efficiency of lamotrigine in treating the pain.

*Debate and Education***Grammatical problems with Slovak in foreign students studying medicine in Slovakia**

- Dzukanova B, Balkova D 425
 Many foreign students (mainly from Scandinavian countries) come to study medicine to Jessenius Faculty of Medicine, Comenius University, in Martin. From the first weeks after their arrival, they have to learn besides specialized subjects also Slovak. Slovak seems to be a very difficult language to them.