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*Experimental Studies***Learning and memory-enhancing effect of *Bacopa monniera* in neonatal rats**

Vollala VR, Upadhy S, Nayak S 663
 We conclude by saying that oral administration of BM extract in rats enhances their memory, which is probably due to its action on the neurons of the hippocampus. It may have neuronal dendritic growth stimulating property.

Antitussive activity of *Althaea officinalis* L. polysaccharide rhamnogalacturonan and its changes in guinea pigs with ovalbumine-induced airways inflammation

Sutovska M, Capek P, Franova S, Joskova M, Sutovsky J, Marcinek J, Kalman M 670
 Rhamnogalacturonan, a polysaccharide isolated from *Althaea officinalis* mucilage possesses dose- dependent cough suppressive effects in guinea pigs. The antitussive activity of higher dose is comparable to the effect of reference drug codeine. The mechanism of antitussive action is not accompanied with bronchodilation. Experimentally induced allergic inflammation shortens the duration of the polysaccharide effect.

The effect of ankaferd to stop bleeding in experimental partial nephrectomy

Yalcinkaya FR, Kerem M, Guven EO, Gokce A, Davarci M 676
 In kidney surgery, bleeding is one of the most important issues. In partial nephrectomy, as a "blood stopper", we used surgycell and ankaferd which is used traditionally in Turkish medicine. No meaningful difference between the groups was found as for the levels of blood urea, and creatinine and the kidney histopathology. Bleeding amount was diminished significantly in the group 4, to which ankaferd was applied. Ankaferd is a substance which can be used effectively for controlling acute bleeding in kidney surgery.

*Clinical Studies***The optimal timing for magnetic resonance imaging in long-term follow-up of patients after a complete correction of the Tetralogy of Fallot**

Kantorova A, Kaldararova M, Neuschl V, Nosal M, Masura J 679
 In patients after a complete correction of the Tetralogy of Fallot (TOF), magnetic resonance imaging (MRI) is a golden standard for right ventricle (RV) volume and function measurement. On the other hand, MRI is relatively complicated and not always accessible. We analyzed the correlation between echocardiographic (ECHO) and MRI measurements.

Study on possibilities of reconstructive – plastic surgery in patients with stage III breast cancer

Ismagilov AK, Khasanov RS, Navrusov SN, Beknazarov ZP 686
 This population based study aimed to use reconstructive-plastic surgery with autologous tissue as a treatment of patients with stage III breast cancer. Our results showed that women with stage III breast cancer who underwent reconstructive-plastic surgeries had a chance to improve their quality of life, and did not increase the frequency, neither did reduce 5 year survival.

Idiopathic intracranial hypertension: a retrospective clinical study

Pakosova E, Timarova G, Krivosik M, Lisa I, Martinkova J, Kukumberg P 691
 We retrospectively analysed a group of patients diagnosed with idiopathic intracranial hypertension during a twenty-year period. We found an increased incidence in the last five years. It has been associated with advance in diagnostics. With literary data, half of our patients were obese or overweight, but all of them underwent also hormonal treatment.

From preoperative to intraoperative detection of hyperfunctioning parathyroid glands using tetrofosmin (99mTc) in primary hyperparathyroidism

Balogova S, Cambal M, Simkova A, Kekenak L, Stecova A, Gregor P, Kinova S, Labas P 695
 The impact of preoperative scintigraphy on the management of patients with primary hyperparathyroidism is largely documented. Preoperative scintigraphy is also used to select patients for intraoperative detection of hyperfunctioning parathyroid glands thanks to a gamma-probe. Article demonstrates the feasibility and presents our protocol for TF parathyroid imaging and intraoperative detection.

Gain in visual acuity after cataract surgery improves postural stability and mobility

Durmus B, Emre S, Cankaya C, Baysal O, Altay Z 701
 The purpose of this study was to investigate the effects of visual acuity on postural stability and mobility before and after cataract surgery. Postural stability and mobility were assessed with balance tests and gait analysis. Gain in visual acuity improves the postural stability and mobility of patients with cataract.

Upper gastrointestinal system hemorrhage in the emergency department

Ozkan S, Durukan P, Senol V, Vardar A, Torun E, Ikizceli I 706
 In the present study, we aimed to investigate demographic and clinical characteristics of the cases presented to the Emergency Department with an acute upper gastrointestinal system hemorrhage, and to identify the initial evaluation and treatments along with explaining possible causes of hemorrhage. In conclusion, acute upper gastrointestinal hemorrhages are first evaluated and treated in Emergency Departments. Endoscopy was carried out on most of the patients during the monitoring in the Emergency Department. NSAIDs and aspirin are still the most important risk factors and peptic ulcer is the most frequently encountered underlying cause.

*Case Reports***What is the relationship between type 2 diabetes mellitus and urolithiasis?**

Davarci M, Helvacı MR, Aydın M 711
 Despite the high incidence of urolithiasis in general population, the exact underlying pathology is unknown. Possible association between urolithiasis and parameters of physical health were assessed in the presented study. In spite of several terrible effects of excess weight on health, we could not detect any association with urolithiasis, but there is a highly significant association between urolithiasis and type 2 DM, and it may have hundreds of mechanisms with variable priorities, which must be explained with further studies.

Malignant hemophtalmus as a first sign of orbital rhabdomyosarcoma in adult

Furdova A, Chynoransky M, Chorvath M, Svetlosakova Z... 715

The authors report on a rare case of an adult patient with rhabdomyosarcoma treated at the Dpt Ophthalmology, Comenius University, Medical School in Bratislava as a single case since 1968.

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