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*Clinical Studies***Plasma copper and ceruloplasmin in patients with alcoholic liver steatosis**

Uhlikova E, Kupcova V, Szabtova M, Turecky L 431
The results of this study showed disturbances in copper and ceruloplasmin metabolism in patients with alcoholic liver steatosis. The authors can conclude that the determination of blood plasma ceruloplasmin level on the basis of its enzymatic activity is better than the simple determination of apoceruloplasmin.

Haemolytic anaemia and acute liver failure – the initial manifestations of Wilson’s disease

Prochazkova D, Pouchla S, Mejzlik V, Kyr M, Zampachova V, Hrstkova H 434
The authors describe a case of a 16-year old girl with Wilson disease, which was initially presented as Coombs-negative haemolytic anaemia and acute liver failure. The diagnosis was based on the findings of low ceruloplasmin serum level and high copper levels both in serum and 24-hour urinary excretion. The patient underwent orthotopic liver transplantation.

Recombinant activated factor VII in refractory gastrointestinal haemorrhage of unknown aetiology

Matic I, Titlic M, Lucic I, Mirkovic I, Jurjevic M 438
A 27-year-old patient who suffered severe gastrointestinal bleeding of unknown aetiology after undergoing elective abdominal surgery to remove a colonic tumour was reported. Although the immediate postoperative recovery period was uneventful, rectal bleeding and signs of haemorrhage shock developed within 10 hours of surgery.

*Perspectives***Biomechanical conditons for maintaining body balance in kinesitherapy of osteoporotic patients**

Wendlova J 441
The aim of the article is to motivate rehabilitation instructors to set up an erudite methodology of kinesitherapy while meeting the conditions of proportional load of musculoskeletal system of osteoporotic patients.

*Clinical Studies***New techniques for assessment of occupational respiratory diseases**

Gergelova P, Corradi M, Acampa O, Goldoni M, Mutti A, Franchini I, Marcinkova D, Rusnak M 445
This review article presents new non-invasive methods, which could serve as easy and comfortable diagnostic tools for respiratory diseases and discusses the possibility of their application in occupational settings.

Bicarbonate therapy in diabetic ketoacidosis

Ozlem Guneyssel, Idil Guralp, Ozge Onur 453
In the treatment of diabetic ketoacidosis (DKA), the aggressive management of hyperglycemia, avoidance of hypoglycemia, and anticipation of the diabetic systemic complications improve patient outcome. The authors present a patient with DKA pH<6.9, treated with bicarbonate, who demonstrated a clinical benefit.

Neurofibroma of the vagus nerve in the cervical portion

Matejcik V, Steno J, Haviarova Z, Mravec B 455
Neurofibromas are relatively radiosensitive. Their removal is indicated mainly in early stage. Neurofibromas of the vagus nerve on the neck are rare. Epidemiologic characteristics, presentation, differential diagnostics and treatment are discussed. For postsurgical period, neurosurgical, neurologic and ENT monitoring is necessary.

An uncontrollable gambling addiction

Ros LT 459
A detailed psychiatric examination revealed the obsessive-compulsive syndrome in the patient. The authors treated the patient systematically using the individual psychotherapy and sertraline from low doses up to the maximal dose. A complete remission of the obsessive-compulsive syndrome was achieved.

*Comparative Anatomy***An anomalous left external jugular vein draining into right subclavian vein**

Rajanigandha Vadgaonkar, Rajalakshmi Rai, Anu V Ranade, Mangala M Pai, Latha V Prabhu, Ashwin K, Jiji PJ 461
Knowledge of the varying drainage patterns of superficial veins of head and neck, in particular, jugular veins are not only important for anatomists but also for the surgeons operating at this level and to clinicians in general. The variations are important also for interventional radiologists, who perform trans-jugular procedures, such as port implantations and trans-jugular intrahepatic porto-systemic shunts or selective venous samplings.

*Surveillance***Vegetarian diets, chronic diseases and longevity**

Ginter E 463
Prospective studies showed small differences in total mortality between vegetarians and “health-conscious” nonvegetarians. No significant differences in the mortality caused by colorectal, stomach, lung, prostate or breast cancers and stroke were found. In vegetarians, a small decrease of ischemic heart disease mortality was observed.

*Topical Review***Laparoscopic pelvic exenteration: A new option in the surgical treatment of locally advanced and recurrent cervical carcinoma**

Iavazzo C, Vorigas G, Akrivos T 467
This article is a review of the till now pelvic exenteration experience and tries to mention the advantages and disadvantages of the method compared to the classical method.