

Editorial

The last issue this year of Clujul Medical is, as usual, rich in scientific medical information. There are five reviews of literature that we highly recommend.

The article from our colleagues in Sibiu University deals with the role of thrombin in the normal functioning of the central nervous system. The research team of the Iuliu Hatieganu University, Oncology Institute, tackle the subject of the Chernobyl effect in increasing the number of thyroid neoplasia. Another group from the same university assessed the incidence of gastrointestinal tract neoplasms in the period 1955-2012 in Romania and raise the question whether there is a correlation with the increased alcohol consumption. The main consideration is that alcohol represents a risk factor for the appearance of paraneoplastic lesions at the level of the gastrointestinal tract. A literature analysis performed by the dental specialists of the Faculty of Dentistry of the Iuliu Hatieganu University focuses on tooth erosion in gastroesophageal reflux disease and demonstrates a direct correlation between the two conditions, together with the other extrinsic factor of diet. The pharmacists of Iuliu Hatieganu University launch an appeal for instructing the population to dispose of active pharmaceutical products in a rational and controlled manner in order to prevent environmental pollution.

Among original articles, the study by our colleagues from “Nicolae Stancioiu” Heart Institute stands out: it tackles the preoperative correlation between venous and arterial calibers and the expectations related to the functionality of the arterio-venous fistula in patients with advanced kidney diseases. The field of cardiovascular pathology also includes the study of the Diabetes Center of Iuliu Hatieganu University entitled “Pulse pressure is more relevant than systolic and diastolic blood pressure in patients with type 2 diabetes and cardiovascular disease”. Along the same lines we should mention the interesting analyses and correlations regarding the nutritional status and abnormal nutrition behavior patterns among the students of Cluj-Napoca. Other medical specialties are also represented, and we mention the study of a research group from the Clinic of Radiology of Cluj-Napoca which analyzes, based on a rich

experience, the borderline ultrasonographic alterations and the problems differentiation in congenital hip dislocation in the newborn. Another interesting imaging study belongs to the colleagues from “Ioan Chiricuta” Oncology Institute regarding the CT-guided interventional procedures that are in the course of being implemented. Child psychology specialists give a strong warning on the increasing incidence of children in Romania (and elsewhere) who gamble and on the long-term dramatic implications of such behavior in society. The article has the title „Romanian national prevalence study problem and pathological gambling in children and adolescents”. In another article entitled “Psychological impact of ¹³¹I radioprotection measures on thyroid cancer patients”, the psychological aspects are approached in correlation with medical procedures by the researchers of the Department of Nuclear Medicine.

Original research in dental medicine is also very well represented. A team from Madhya Pradesh Medical University in India demonstrated the improved efficacy of antibacterial therapy by instillation of drugs into the root canal in the local enterococcus fecalis infection, while researches for the Faculty of Dentistry in Cluj analyze the sterilization protocols recommended in dental implants by laser technology – selective exposure. Another team from India analyzes the effect of different endodontic irrigants used for removal of calcium hydroxide on the push-out bond strength of fiber posts to root canal dentine in an *in vitro* study. A group of dental researchers in Turkey evaluate the relation between oral health and body health linked to the quality of life among young workers.

In the section of “case reports” we mention: “Clinical and endoscopic manifestations of gastrointestinal amyloidosis: a case series” belonging to American colleagues from Clinica Mayo in Florida; „Hemodynamic monitoring using thoracic bioimpedance – an optimal solution for the treatment of hypertension” by the Department of Internal Medicine of Iuliu Hatieganu University; “A linguoverted impacted tooth with orocutaneous fistula – a rare case report” from the Manipal College of Dental Medicine in India.

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