



28-th Annual Assembly of IMAB and 5-th International Meeting of Alumni Club at Medical University Varna

13 - 16 May 2018,
*Congress center, Hotel Admiral, Resort Golden Sands,
Varna, Bulgaria*

The forum is organized under Patronage of the Rector of the Medical University Varna, Prof. Dr. Kr. Ivanov

Organizing Committee:

Kr. Metodiev (President of IMAB), M. Arnaudova (Vice-President of IMAB),
A. Kaprelyan (Vice-President of IMAB), G. Kyuchukov (Vice-President of IMAB),
M. Abadzhiev (Secretary General of IMAB),
Technical Secretariat: R. Nikolova, T. Totkova
Web-site of IMAB: <http://www.imab-bg.org/>

Scientific and Cultural Programme:

13 May 2018:

arrival, registration, accommodation, Hotel Admiral, Resort Golden Sands, Varna

14 May 2018:

9:00-9:30 - opening ceremony, greeting addresses, awards of IMAB
Seminar Room, 2-nd floor, Hotel Admiral

9:30-11:00 - **First Session Medicine:**

Chairs: Kr. Metodiev, R. Breidung, G. Kyuchukov,
Secretary: N. Ermenlieva

Lectures and short oral presentations:

1)The Genomics of Breast Cancer?

Vessela Kristinsen: *Inst. Cancer Research "Radium", Oslo, Norway*

2)Focal therapy of prostate cancer

Orlin Savov¹, V. Mladenov², D. Mladenov², M. Tzvetkov²: ¹*Department of Urology at "St. Theresien Hospital", Nuremberg, Teaching Hospital of the University of Erlangen, Germany,* ²*Department of Urology, Alexandrovska, Medical University, Sofia, Bulgaria*

3)Thermo-denervation by back pain.

Munther Sabarini, *Avicena Klinik, Berlin, Germany*

4)ARena - a project for sustainable prevention of antibiotic resistances

Ralph Breidung, *Nuremberg, Germany*

5)Carotid hypersensitivity in patient with goiter disease

Ivelin Koev, *Hadassah Univ.Hospital, Jerusalem, Israel*

6)Ultrasound-guided technique in treatment of calcifying tendinitis of the shoulder

Tsvetelina Mancheva-Gerova, Todor Gerov, Yosef Azraq, Yacob Sosna, Meir Liebergal: *Hadassah Univ.Hospital, Jerusalem, Israel*

7)Pharmacotherapy education: are Bulgarian medical students adequately trained to prescribe drugs?

Emil M. Gatchev, Andrey D. Petrov: *Medical University of Sofia, Medical Faculty, Department of Clinical pharmacology and therapeutics*

8)The use of the DHAP-GCSF regimen for hematopoietic stem cell mobilization and transplant outcomes

Igor Resnick^{1,2}, Iliana Micheva², Vladimir Gerov², Stella Dimitrova², Trifon Chervenkov²: ¹*Hadassah Univ.Hospital, Jerusalem, Israel, Medical University Varna*, ²*Univ.Hospital St.Marina, Varna*

11:00-11:15 - coffee break

11:15-13:00 - **Second Session Medicine:**

Chairs: M. Arnaudova, O. Savov, K. Kaprelyan,

Secretary: T. Todorova

Lectures and short oral presentations:

9)Reanimation of the human blood microbiome

Stefan Panaiotov¹, Georgi Filevski², Michele Equestre³, Elena Nikolova⁴, Reni Kalfin⁵: ¹*National Center of Infectious and Parasitic Diseases, Sofia, Bulgaria*, ²*First City Hospital, Sofia, Bulgaria*, ³*Istituto Superiore di Sanita, Rome, Italy*, ⁴*Institute of Experimental Morphology, Pathology and Anthropology, Bulgarian Academy of Sciences, Sofia, Bulgaria*, ⁵*Institute of Neurobiology, Bulgarian Academy of Sciences, Sofia, Bulgaria*

10)Knowledge and perception about antibiotics among patients of the Medical Institute – Ministry of the Interior

Emma Keuleyan, Plamen Yovchevski, Boycho Moshev, Iliya Batashki: *Medical Institute – Ministry of the Interior, Bulgaria*

11)Frequency and prevalence of allergic contact dermatitis in Bulgaria

Joanna Velevska¹, Razvigor Darlenski², Romyana Yankova³, Sonya Marina¹, Zhana Kazandjieva⁴:

¹*Dept. Infection diseases, parasitology and dermatovenerology, Med.Univ. Varna*, ²*Clinic of dermatology, Hospital Tokuda, Sofia*, ³*Dept. Dermatology and venerology, Med.Univ. Plovdiv*, ⁴*Dept. Dermatology and venerology, Med.Univ. Sofia*

12)Comparative analysis in clinical course and outcome of Enterovirus and Infuenza virus infections of the Central Nervous System in the Clinic of Infectious Diseases of University Hospital Stara Zagora, Bulgaria

Lilia Pekova¹, Lyudmila N. Glomb², Asya Stoyanova², Zornitza Mladenova², Nelly Corsun³, Damyan Petrov⁴:

¹*Department of Hygiene, Infectious diseases and Epidemiology, section of Infectious diseases, Trakia University, Medical Faculty, Stara Zagora, Bulgaria*, ²*National Reference Laboratory of Enteroviruses, National Center for Infectious and Parasitic Diseases, Sofia, Bulgaria*, ³*National Reference Laboratory of Influenza viruses, National Center for Infectious and Parasitic Diseases, Sofia, Bulgaria*, ⁴*Department of Social medicine and Health management, Trakia University, Medical Faculty*,

13)Neuroimaging of dementia

Ara Kaprelyan, P. Bochev, I. Dimitrov, K. Drenska, Al. Tzoukeva: *Department of Neurology and Neuroscience, Medical University, Varna*

14)Geographic specificity of multidrug resistant *Mycobacterium tuberculosis* genotype in Bulgaria

Stefan Panaiotov¹, Elizabeta Bachiyiska¹, Vladimir Milanov², Todor Kantardjeiv¹: ¹*National Center of Infectious and Parasitic Diseases, Sofia*, ²*University Hospital of Respiratory Diseases “St. Sofia”, Sofia*

15)Congenital cholesteatoma in adult non-identical twins associated with intracranial complication in one of them – a case report.

Georgi Iliev¹, Klaudia Ziolkowska², Bogomil Iliev³: ¹*Department of ENT, University Hospital Saint Marina Varna, Bulgaria*; ²*Multidisciplinary Emil Warmiński City Hospital in Bydgoszcz, Poland*; ³*Department of Neurosurgery, University Hospital Saint Marina Varna, Bulgaria*

16)Antimicrobial susceptibility of clinically significant isolates of *Klebsiella pneumoniae* recovered from patients, hospitalized in Varna University hospital, period 2014–2017

Gergana Nedelcheva¹, Romyana Markovska², Milena Bozhkova¹, Dobromira Dimitrova², Temenuga Stoeva¹:

¹*Department of microbiology and virology, Varna Medical University*,

²*Department of medical microbiology, Sofia Medical University*

13:00-14:00 - lunch break

14:00-16:00 - **Third Session Dental Medicine:**

Chairs: M. Abadzhiev, Vl. Panov, St. Peev, Ts. Tonchev

Secretary: M. Balcheva

Lectures and short oral presentations:

17.L) Prosthetic treatment in patients with cancer of the maxilla

Ivan D. Gerdzhikov: *Department Prosthetic dentistry, Faculty Dental Medicine, Medical University Sofia*

18.L) Posturological resources in dental medicine

Mariana Dimova-Gabrovska: *Dept. Prosthetic Dentistry, Faculty Dental Medicine, Medical University Sofia*

19) 3D printing – an alternative of conventional crown fabrication: a case report

Iveta Katreva¹, Tsanka Dikova¹, Diana Pavlova², Maksim Simov², Tsvetan Tonchev¹: ¹*Department Prosthetic Dentistry, Faculty Dental Medicine, Medical University Varna,* ²*Medical College, Medical University of Varna*

20) An in vitro assessment of chelating properties of chitosan-citrate solution 0,6%

Gyulbenkiyan E, Gusiyska A, Vassileva R, Dyulgerova E.: *Department Operative Dentistry and Endodontics, Faculty Dental Medicine, Medical University Sofia, Bulgaria*

21) Clinical comparison of three methods for vestibuloplasty in the anterior part of the mandible

Vasilena V. Ivanova, Ivan L. Chenchev, Tasho G. Gavrilov: *Oral surgery department, Faculty Dental medicine, Medical University Plovdiv*

22) Association between polycystic ovary syndrome and periodontal disease

Alexander Donchev^{1,3}, Diana Stoeva², Mario Milkov²: ¹*Medical University Varna,* ²*Department of Prosthetic Dentistry and Orthodontics, Faculty of Dental Medicine, Bulgaria,* ³*Sociology Department, Faculty of Education, University Shoumen, Shoumen, Bulgaria*

23) Management of a complex case of retained canine complicate with maxillar odontoma and mandibular hypodontia

Svetlana V. Yordanova¹, Ivan L. Chenchev², Miroslava V. Yordanova¹, Diana O. Oncheva¹, Radka B. Cholakova², Vasilena V. Ivanova²: ¹*Department of Orthodontics, Department Oral surgery, Faculty Dental Medicine, Medical University Plovdiv, Bulgaria*

24) Contemporary 3D digital models vs. classic plaster cast in the orthodontic practice

Greta Yordanova, Martin Mladenov,
Faculty Dental Medicine, Department Orthodontics, Medical University Sofia

16.00-16.15 - coffee break

16.15-18.00 - **Fourth Session Dental Medicine:**

Chairs: M. Abadzhiev, Vl. Panov, St. Peev, Ts. Tonchev

Secretary: M. Balcheva

POSTER PRESENTATIONS:

1.PD - METHODOLOGY FOR FABRICATION OF FORMING DENTURE WITH SILICONE BASE

Ivan D. Gerdzhikov: *Department Prosthetic dentistry, Faculty Dental Medicine, Medical University Sofia*

2.PD - METHODOLOGY OF PROSTHETIC TREATMENT IN PATIENTS WITH MAXILLECTOMY

Ivan D. Gerdzhikov: *Department Prosthetic dentistry, Faculty Dental Medicine, Medical University Sofia*

5.PD - ASSOCIATION BETWEEN OHI-S AND PBI-S AINAMO AND BAY IN CHILDHOOD

Dobrinka M. Damyanova, Sirma Angelova, Teodora Targova-Dimitrova, Elena Dimova: *Department of Pediatric Dental Medicine, Department of Periodontology and Dental Implantology, Faculty of Dental Medicine, Medical University-Varna, Bulgaria*

6.PD - USE OF CONE BEAM COMPUTED TOMOGRAPHY IN ENDODONTICS

Slavena Svetlozarova¹, Tsvetelina Borisova-Papancheva¹, Georgi Papanchev²:

¹*Department Conservative Dental Treatment and Oral Pathology, Faculty Dental Medicine, Medical University Varna,* ²*Dept. Oral and Maxillofacial Surgery, Faculty Dental Medicine, Medical University Varna*

7.PD - COMPARISON OF ANTIBACTERIAL EFFECTIVENESS OF TWO IRRIGATING SOLUTIONS – SODIUM HYPOCHLORITE AND CHITOSAN-CITRATE – AN IN VITRO STUDY

E. Gyulbenkiyan¹, A. Gusiyska¹, R. Vassileva¹, R. Gergova²: ¹*Department of Operative Dentistry and Endodontics, Faculty of Dental Medicine, Medical University – Sofia, Bulgaria,* ²*Department of Medical Microbiology, Medical Faculty, Medical University of Sofia, Bulgaria*

8.PD - CASE REPORT: THERMOGRAPHIC PROOF FOR ABSENT OF ALLERGIC REACTIONS IN THE CASE OF DERMOGRAPHISM

Evgeni Stanev: *Dept. Imaging&Oral Diagnostic, Faculty Dental Medicine, Medical University, Sofia, Bulgaria*

9.PD - SURFACE ROUGHNESS OF DENTAL COMPOSITE PROCESSED BY DIFFERENT TECHNIQUES

Radostina Anastasova, Vladimir Panov, Tsanka Dikova: *Department Conservative Dentistry and Oral Pathology, Faculty Dental medicine, Medical University Varna*

10.PD - ORAL HEALTH IMPACT PROFILE OF PATIENTS ENDODONTICALLY TREATED BY UNDERGRADUATE STUDENTS

Emilia Karova, Irina Tsenova, Viktoria Petrova, Alexander Bonchev, Violeta Dogandzhiyska: *Department Conservative Dentistry, Faculty Dental Medicine, Medical University, Sofia, Bulgaria*

11.PD - Patients' satisfaction after endodontic treatment provided by undergraduate students

Emilia Karova, Irina Tsenova, Viktoria Petrova, Alexander Bonchev, Violeta Dogandzhiyska: *Department of Conservative Dentistry, Faculty of Dental Medicine, Medical University, Sofia, Bulgaria*

12.PD - Photodynamic therapy in the complex treatment of periodontal diseases: a review

Teodora R. Targova-Dimitrova¹, Sirma T. Angelova², Stefan Vasilev Peev¹, Dimitrichka D. Bliznakova³: *Department of Periodontology and Dental Implantology¹; Department of Pediatric Dentistry², Faculty of Dental Medicine, Medical College³, Medical University-Varna*

13.PD - PHOTODYNAMIC THERAPY AS AN ITEM OF THE COMPLEX TREATMENT OF GINGIVITIS AND CHRONIC PERIODONTITIS

Teodora R. Targova-Dimitrova¹, Sirma T. Angelova², Stefan Vasilev Peev¹: *Department of Periodontology and Dental Implantology¹; Department Pediatric Dentistry², Faculty Dental Medicine, Medical University-Varna*

14.PD - PREVENTION AND DIAGNOSIS OF DENTAL CARIES, PHOTSENSITIVE PROPERTIES AND PROPERTIES OF THE LIGHT SOURCE AT THE BEST DOSE OF PDT: A REVIEW

Teodora R. Targova-Dimitrova¹, Sirma T. Angelova², Stefan Vasilev Peev¹, Dobrinka M. Damyanova²: *Dept. Periodontology and Dental Implantology¹; Dept. Pediatric Dentistry², Faculty Dental Medicine, Med Uni-Varna*

15.PD - PLAQUE CONTROL AMONG CHILDREN WITH DIAGNOSED NEPHROTIC SYNDROME AND HEALTHY CHILDREN

Sirma T. Angelova¹, Teodora R. Targova-Dimitrova², Radosveta S. Andreeva¹, Vladimir E. Panov³, Stefan V. Peev², Dimitrichka D. Bliznakova⁴: *Dept. of Pediatric Dentistry¹, Dept. of Periodontology and Dental Implantology², Dept. of Conservative Dentistry and Oral Pathology³, Faculty Dental Medicine^{1,2,3}, Medical College⁴, Medical University-Varna*

16.PD - ORAL MUCOSAL LESIONS IN PATIENT WITH BULLOUS PEMPHIGOID- A RARE CASE AND LITERATURE REVIEW

Elitsa Deliverska, Janet Kirilova, Latchezar Stefanov, Snejanka Topalova- Pirinska: *Department of Oral and Maxillofacial Surgery- FDM, Medical University- Sofia, Department of Conservative dentistry and Endodontics - FDM, Medical University- Sofia*

17.PD - CLINICAL USE OF BOTULINUM TOXIN IN THE CONTEMPORARY ORAL AND MAXILLOFACIAL SURGERY- LITERATURE REVIEW

Elitsa Deliverska¹, Natali Tomeva¹, Liudmil Peev²: ¹*Department of Oral and Maxillofacial surgery, FDM, Medical University- Sofia,* ²*Department of Plastic Surgery, Vita hospital*

18.PD - GINGIVAL CYST OF ADULTS- TWO CASE REPORTS AND LITERATURE REVIEW

Elitsa Deliverska, Natali Tomeva: *Department of Oral and Maxillofacial Surgery, Faculty of Dental Medicine, Medical University Sofia, Bulgaria*

19.PD - STUDY OF DIETARY INTAKE IN CHILDREN

Mariana Dimova-Gabrovska¹, Desislava Dimitrova², Vladislav Mitronin³, Radosveta Andreeva-Borisova²:

¹*Department of prosthetic dentistry, Faculty of Dental Medicine, Medical University -Sofia, Bulgaria,*

²*Department of pediatric dentistry, Faculty of Dental Medicine, Medical University – Sofia, Bulgaria,*

³*Department of prosthetic dentistry, Faculty of Dental Medicine, Moscow State University of Medicine and Dentistry, Russia*

20.PD - OUTCOMES OF THE APPLICATION OF PARTICULATED ALLOGENEIC BONE GRAFT BY GUIDED TISSUE REGENERATION

Tsvetalina Gerova, Stefan Peev: *Department of Periodontology and Dental Implantology, Faculty of Dental Medicine, Medical University-Varna*

21.PD - QUESTIONNAIRE SURVEY OF REMOVABLE PROSTHETIC TREATMENT IN CHILDREN

Mariana Dimova-Gabrovska¹, Desislava Dimitrova², Vladislav Mitronin³, Radosveta Andreeva-Borisova²:

¹*Department of prosthetic dentistry, Faculty of Dental Medicine, Medical University -Sofia, Bulgaria,*

²*Department of pediatric dentistry, Faculty of Dental Medicine, Medical University – Sofia, Bulgaria,*

³*Department of prosthetic dentistry, Faculty of Dental Medicine, Moscow State University of Medicine and Dentistry, Russia*

22.PD - ENDO-PERIODONTAL LESIONS - CONSERVATIVE TREATMENT OR SURGERY

Tsvetalina Gerova, Mariya Miteva,

Department of Periodontology and Dental Implantology, Faculty Dental Medicine, Medical University-Varna

23.PD - IS THE NECESSITY OF PROLONGED SCREENING AND PROPHYLACTICS OF HEARING CAPACITY OF CHILDREN FROM VARNA KINDER-GARDENS PROVED?

Alexander Donchev^{1,3}, Mario Milkov², Sijana Gradanska², Georgi Kolev¹, Julian Kostadinov³, Christiana Madjova⁶, Todorka Kostadinova³, Ludmil Matev¹, Georgi Iliev⁵, A. Tzvetkova⁴: ¹*Dept. Social Care, Faculty of Education, University Shoumen, Bulgaria,* ²*Dept. Prosthetic Dentistry and Orthodontics, Faculty Dental Medicine, Medical University Varna, Bulgaria,* ³*Dept. Economics and health care management, Faculty of*

Public health, Medical University Varna, Bulgaria, ⁴Dept. TRS "Assistant pharmacist", Medicine, Medical University Varna, Bulgaria, ⁵Dept. ENT, Faculty Medicine, Medical University Varna, Bulgaria, ⁶Dept. Conservative Dentistry and Oral Pathology, Faculty Dental Medicine, Medical University Varna

24.PD - CHANGES IN ROUGHNESS OF DIFFERENT MATERIALS USED FOR RELINING AND REPAIR OF REMOVABLE DENTURES AFTER CLEANING WITH VARIOUS HYGIENE MEANS

Nikola Milanov¹, Mariana Yankova¹, Marco Kostadinov², Silviya Simeonova², Todor Uzunov³, Bojidar Yordanov⁴: ¹Dept. Prosthetic Dental Medicine, Faculty Dental Medicine, Medical University, Sofia, Bulgaria, ²Laboratory Biophysical Chemistry, Faculty Chemistry and Pharmacy, Medical University, Sofia, Bulgaria, ³Department of Prosthetic Dental Medicine, Faculty of Dental Medicine, Medical University, Sofia, Bulgaria, ⁴Department of Prosthetic Dental Medicine, Faculty of Dental Medicine, Medical University, Sofia, Bulgaria

25.PD - MAKING OF AN UPPER COMPLETE PALATAL REDUCED DENTURE

Nickolay Apostolov, Mariana Dimova, Rangel Todorov: Department of Prosthetic Dental Medicine, Faculty Dental medicine, Medical University - Sofia

26.PD - ORAL STATUS ASSESSMENT OF CHILDREN TREATED UNDER GENERAL ANESTHESIA

Radosveta S. Andreeva-Borisova, Milena T. Georgieva-Dimitrova, Pediatric dentistry, Faculty Dental medicine, Medical University- Varna

27.PD - DEMOGRAPHIC CHARACTERISTICS OF CHILDREN TREATED UNDER GENERAL ANESTHESIA

Radosveta S. Andreeva-Borisova: Pediatric dentistry, Faculty Dental medicine, Medical University- Varna

28.PD - ASSESSMENT OF DIFFERENT TYPES OF MATERIALS IN CHILDREN TREATED UNDER GENERAL ANESTHESIA

Radosveta S. Andreeva-Borisova: Pediatric dentistry, Faculty of dental medicine, Medical university- Varna

29.PD - CARIES PREVALENCE IN CHILDREN AGED BETWEEN 12-18 YEARS OLD IN VARNA

Milena T. Georgieva-Dimitrova: Pediatric dentistry, Faculty of dental medicine, Medical university- Varna

30.PD - CONTEMPORARY APPROACH TO ORAL HEALTH OF CHILDREN WITH TYPE 1 DIABETES MELLITUS

Vanya K. Veleganova, Veselina K. Kondeva: Department Pediatric Dental Medicine, Faculty of Dental medicine, Medical University – Plovdiv

31.PD - THERMAL CHANGES AT DIODE LASER ROOT CANAL TREATMENT – CLINICAL INVESTIGATION

Evgeniya Popova, Raya Grozdanova, Tsonko Uzunov: Department of conservative dentistry, faculty of dental medicine, Medical University - Sofia, Bulgaria

32.PD - PLACEBO-CONTROLLED SUBJECTIVE AND OBJECTIVE EVALUATION OF LASER ANALGESIA EFFICACY – A CASE REPORT

Elitsa Veneva¹, Aleksandra Isheva¹, Tania Nihtianova¹, Raycheva, R², Ani Belcheva¹, ¹Department Pediatric Dentistry, Faculty Dental Medicine, Medical University Plovdiv, ²Department Social Medicine and Public Health, Faculty Public Health, Medical University Plovdiv, Bulgaria

33.PD - TREATMENT OF GINGIVAL RECESSON WITH HYPERSENSITIVITY USING FREE SOFT-TISSUE GRAFT PROCEDURES

Denislav Emilov¹, Elitsa Deliverska², Natali Tomeva³: ¹Department of Periodontology, Faculty of Dental Medicine, Medical University – Sofia, Bulgaria, ²Department of Oral and Maxillofacial Surgery, Faculty of Dental Medicine, Medical University – Sofia, Bulgaria.

34.PD - MELANOPLAKIA ON THE GINGIVA OF THE MANDIBLE – A CASE REPORT

Tanya Sbirikova¹, Stanimir Kisselov¹, Radka Cholakova¹, Petia Pechalova¹, Benjamin Anavi²: ¹Department of Oral Surgery, Faculty of Dental Medicine, Medical University- Plovdiv, ²Pathologist on Private Practice

35.PD - IATROGENIC ROOT FRACTURE SECONDARY TO EXTRACTION OF IMPACTED MANDIBULAR THIRD MOLAR THAT IS MASKED BY SEVERE INFLAMMATION IN THE MAXILLOFACIAL REGION – A CASE REPORT

Stanimir Kisselov, Tasho Gavrailov, Petia Pechalova: Department of Oral Surgery, Faculty of Dental Medicine, Medical University – Plovdiv

36.PD - CURRENT GUIDELINES FOR THE DETECTION OF HALITOSIS

Nevena Rajchanova¹, Vladimir Panov¹, Mario Milkov²: ¹Department of Prosthetic Dentistry and Orthodontics, Faculty of Dental Medicine, Medical University Varna, Bulgaria, ²Department of Conservative Dentistry and Oral Pathology, Faculty of Dental Medicine, Medical University Varna

37.PD - SOCIAL-MEDICAL EFFICACY OF SCREENING PROGRAMMES FOR STUDYING OF OBSTRUCTIVE SLEEPING APNEA IN BIG BULGARIAN CITIES FROM NORTH-EASTERN BULGARIA

Alexander Donchev^{1,3}, Mario Milkov², Sijana Gradanska¹, Georgi Kolev¹, Julian Kostadinov³, Christiana Madjova⁶, Todorka Kostadinova³, Ludmil Matevi, Georgi Iliev⁵, A. Tzvetkova⁴: ¹Department Social Care, Faculty of Education, University Shoumen, Shoumen, Bulgaria, ²Department Prosthetic Dentistry and Orthodontics, Faculty Dental Medicine, Medical University Varna, Bulgaria, ³Department Economics and health care management, Faculty of "Public health", Medical University Varna, Bulgaria, ⁴Department TRS "Assistant pharmacist", Medicine, Medical University Varna, Bulgaria, ⁵Department ENT, Faculty Medicine, Medical University Varna, Bulgaria, ⁶Department Conservative Dentistry and Oral Pathology, Faculty Dental Medicine, Medical University Varna

38.PD - PYOGENIC GRANULOMAS IN THE ORAL CAVITY

Deyan Neychev¹, Radka Cholakova¹, Tanya Sbirikova¹, Stanimir Kisselov¹, Svitlana Bachurska², Dimitar Atanasov¹: ¹Department of Oral Surgery, Faculty of Dental Medicine, Medical University Plovdiv

²Department of General and Clinical Pathology, Medical University Plovdiv

39.PD - PREVALENCE OF SELF-REPORTED RESPIRATORY SYMPTOMS ASSOCIATED WITH DENTAL MATERIALS AMONG DENTAL STUDENTS.

Iliyana Stoeva¹, Kristina Mircheva², Nikolay Georgiev², Maria Dencheva³, Atanas Chonin⁴, Evgeni Stanev⁵:

¹Department of Radiology, Dental Allergology and Physiotherapy, Dental Faculty, Medical University Plovdiv,

²Dental student, Dental Faculty, Medical University Plovdiv, ³Department of Imaging and Oral Diagnostics, Dental Faculty, Medical University Sofia, ⁴Department of Radiology, Dental Allergology and Physiotherapy, Dental Faculty, Medical University Plovdiv, ⁵PhD student Department of Imaging and Oral Diagnostics, Dental Faculty, Medical University Sofia

40.PD - PREVALENCE OF SELF-REPORTED SKIN SYMPTOMS ASSOCIATED WITH DENTAL MATERIALS AND PROTECTIVE GLOVES AMONG DENTAL STUDENTS.

Iliyana Stoeva¹, Nikolay Georgiev², Kristina Mircheva², Maria Dencheva³, Evgeni Stanev⁵, Atanas Chonin⁴:

¹Department of Radiology, Dental Allergology and Physiotherapy, Dental Faculty, Medical University Plovdiv,

²Dental student, Dental Faculty, Medical University Plovdiv, ³Department of Imaging and Oral Diagnostics, Dental Faculty, Medical University Sofia, ⁴Department of Radiology, Dental Allergology and Physiotherapy, Dental Faculty, Medical University Plovdiv, ⁵PhD student Department of Imaging and Oral Diagnostics, Dental Faculty, Medical University Sofia

41.PD - APPLICATION OF LABORATORY CROWNS IN CHILDHOOD – SOCIOLOGICAL STUDY

Mariana Dimova-Gabrovska¹, Desislava Dimitrova², Nikolay Apostolov¹: ¹Department of Prosthetic Dentistry, Faculty of Dental Medicine, Medical University Sofia, ²Department of Pediatric Dentistry, Faculty Dental Medicine. Medical University Sofia

42.PD - NEW METHOD OF REMOVING OF CRIES DECAY WITH BRIX 3000 – PRELIMINARY STUDY

Janet Kirilova, Aleksandur Naidenov, Veselina Liondeva, Snejanka Topalova-Pirinska,

Department of Conservative Dentistry, Dental faculty, Medical University Sofia

43.PD - INCIDENCE AND SIGNIFICANCE OF LARINGEAL CARCINOMA

Ts. Marinov¹, M. Belitova¹, T. Popov², D. Konov², M. Tsekova-Chernopolska², Alexander Donchev³, Mario Milkov³, Georgi Kolev⁴, Antoaneta Tzvetkova³: ¹Department of Anaesthesiology and Intensive Care; University Hospital „Queen Giovanna-ISUL“; Medical University Sofia, Bulgaria; ²Department ENT Surgery; University Hospital „Queen Giovanna-ISUL“, Medical University Sofia; ³Medical University Varna, Bulgaria, ⁴University Shoumen, Shoumen, Bulgaria

44.PD - Investigation of the dental technicians' readiness to manufacture of dental prostheses using digital technologies.

Diana Pavlova, Svetlana Angelova, Metodi Abadjiev, Tsanka Dikova, Maksim Simov, Iveta Katreva, Djendo Djendov, Valentina Velikova, Tsvetan Tonchev; Medical college, Faculty of Dental medicine, Medical University - Varna

19.30 - ??? - Welcome reception, Seminar room, Hotel Admiral

15 May 2018:

9.00-11.00 - **Fifth Session Medicine:**

Chairs: Pl. Panayotov, B. Popov, St. Ivanov, E. Gatchev.

Secretary: Ts. Mancheva

Lectures and short oral presentations:

25)ECMO – Powerful Weapon in the Battle for Our Patients' Life. One year experience.

Andrey Andreev: Hadassah Univ. Hospital, Jerusalem, Israel

26)Chasing the culprit. Aortic dissection type A Stanford, presented as acute inferior ST-elevation myocardial infarction.

Ivaylo R. Tonchev, Eyal Klein, Ilgar Tahiroglu, Chaim Lotan, Mony Shuvy: Hadassah Univ. Hospital, Jerusalem, Israel

27)Association between acute respiratory infection and acute myocardial infarction: a clinical case

Darina Miteva, Yordan Radkov, Vanya Kostadinova: Department of Pulmonology and Allergology, Medical faculty, Medical University Varna, Bulgaria

28)Sarcoidosis Presenting with Inguinal Lymph Nodes Enlargement: A Case Report

Vanya Kostadinova, Yordan Radkov, Darina Miteva: Department of Internal Diseases, ES Pulmonary Diseases and Allergology, Medical University of Varna

29)Geographic specificity of multidrug resistant *Mycobacterium tuberculosis* genotype in Bulgaria
Stefan Panaiotov¹, Elizabeta Bachiyiska¹, Vladimir Milanov², Todor Kantardjeiv¹: ¹*National Center of Infectious and Parasitic Diseases, Sofia*, ²*University Hospital of Respiratory Diseases "St. Sofia", Sofia*

30)Modulation of CYP3A4 isoenzyme by methylxanthines. Is there a threat of drug interactions?
Maya Radeva-Ilieva¹, Iliya Jelev², Kaloyan Georgiev²: ¹*Department of Pharmacology, toxicology and pharmacotherapy, Faculty of Pharmacy, Medical University of Varna*, ²*Department of Pharmaceutical technologies, Faculty of Pharmacy, Medical University of Varna*

31)Diagnostic criteria for cryo-ablation as a concomitant to open heart surgery procedure
Plamen Panayotov¹, Daniela Panayotova¹, Yavor Peychev¹, Vladimir Kornovski¹, Georgi Batchvarov¹, Milen Slavov¹, Emil Yordanov², Veselin Petrov²: ¹*Department of Cardiac Surgery, St. Marina University Hospital, Medical University Varna*, ²*Department Vascular Surgery, St. Marina University Hospital, Medical University*

32)Surgical aspects of operative treatment of patients with secondary mitral regurgitation
Plamen Panayotov¹, Daniela Panayotova¹, Yavor Peychev¹, Vladimir Kornovski¹, Georgi Batchvarov¹, Milen Slavov¹, Emil Yordanov², Veselin Petrov²: ¹*Department of Cardiac Surgery, St. Marina University Hospital at the Medical University – Varna*, ²*Department of Vascular Surgery, St. Marina University Hospital at the Medical University*

33)ECG and echocardiographic postoperative follow-up of patients with open heart surgery and concomitant cryo-ablation
Daniela Panayotova¹, Plamen Panayotov¹, Yavor Peychev¹, Vladimir Kornovski¹, Milen Slavov¹, Georgi Batchvarov¹, Emil Yordanov², Veselin Petrov²: ¹*Department of Cardiac Surgery, St. Marina University Hospital at the Medical University – Varna*, ²*Department of Vascular Surgery, St. Marina University Hospital*

34)Modern treatment of endometrium cancer: analysis of our and foreign experience
Stefan Ivanov: *Department of Obstetrics and Gynecology, Medical University – Varna*,

35)Transvaginal laparoscopy – a new way in managing endometriosis
Atanas K. Aleksandrov: *Department of Obstetrics and Gynecology, Medical University Varna*

11.00-11.15 - **coffee break**

11.15-13.00 - **Sixth Session Medicine: Orthopedics and traumatology:**

Chairs: A. Asparuhov, D. Boshnakov, K. Mihov, D. Raikov

Secretary: A. Tabakov

45)Primary total knee arthroplasty in case of a large bony defect of the tibia in varus knee.
Asparuh Asparuhov, Jordan Valeshkov, Iskren Gerasimov, Hasan Ajsoj: *Department of Orthopedics, Medical University Pleven, Bulgaria*

46)Extended proximal femoral osteotomy (EPO) for revision hip arthroplasty.
Asparuh Asparuhov, Jordan Valeshkov, Georgi Dimitrov, Iskren Gerasimov: *Department of Orthopedics, Medical University Pleven, Bulgaria.*

47)Biomechanics of Femoral Neck Fracture Osteosynthesis Construct
Orlin Filipov: *Orthopedic Department, Vitosha Hospital, Sofia*

48)Single proximal incision technique for endoscopic carpal tunnel release – a retrospective study of complications and surgical experience in 640 cases.

Asparuh Asparuhov, Iskren Gerasimov, Hasan Ajsoj: *Department Orthopedics, Med. Univ. Pleven, Bulgaria*

49)Intraosseous endoscopy in the management of benign bone tumors
Asparuh Asparuhov, Savelina Popovska, Hasan Ajsoj: *Department of Orthopedics, Medical University Pleven, Bulgaria.*

50)Epidemiology of meniscal injuries: three years of experience.
Marin Pl. Marinov: *Department of Orthopedics and traumatology, Medical University-Varna*

51)Regional muscle plastic surgery in vast soft-tissue defects of armpit and shank after severe transport accidents
Diko Boshnakov, Tihomir Papurov, Lubisha Blazhevski: *Clinic of Orthopedics and Traumatology, Medical University Varna,*

52)Anatomy of calcaneal region and its relevance to operative fracture treatment
Stoyan I. Ivanov, Georgy Kulchev, Martin Barnev, Dimitur Raykov: *Department of Orthopedics and traumatology, Medical University Varna*

53)Methods of operative treatment of calcaneal fractures
Stoyan I. Ivanov, Georgy Kulchev, Martin Barnev, Dimitur Raykov: *Department of Orthopedics and traumatology, Medical University Varna*

54)Treatment of infected total hip arthroplasty with factory articulating spacers
Atanas Tabakov, Kalin Mihov, Maksim Zagorov, Svetoslav Dobrilov, Aleksander Gospodinov: *Department Orthopaedic and traumatology, Saint Marina Hospital, Medical University, Varna*

55)Operative techniques for hand flexor tendon repair
Stoyan Ivanov, Georgi Kulchev, Dimitar Raikov, Martin Burnev: *University Hospital St. Anna, Medical University, Varna*

56)Biomechanical principles of shoulder joint as a base of postfracture endoprosthesis

Ivailo Mitkovski, Nikolay Kolarov: *Department Orthopedics, Medical University, Varna, Bulgaria*

57)Surgical approach with shoulder endoprosthesis: own experience

Ivailo Mitkovski, Nikolay Kolarov: *Department Orthopedics, Medical University, Varna, Bulgaria*

58) Differentiation of supination external rotation type II and type IV ankle fracture by gravitation X-ray

Preslav Penev¹; Emilian Georgiev¹; Martin Barnev¹; Svilen Todorov²; Vasilka Simeonova³; ¹Department of Orthopaedics and traumatology, Medical University Varna; ²Department of Orthopaedics and traumatology, Medical university Pleven; ³ Department of Radiology

13.00-14.00 - lunch break

14.00-16.00 - **Seventh Session Medicine and Health Management: Jubilee Session-Round table, dedicated to 25 years Health Care Management in Bulgaria and establishment of the specialty “Healthcare Management” at the Medical University Varna**

General topic: “Management, Teams and Communication for Better Health Care”

Moderators: T. Kostadinova, A. Parvanova, E. Moutafova, O. Savov, K. Kaprelyan, B. Popov, Kr. Metodiev, L. Pekova, I. Koev, I. Tonchev, A. Andreev, T. Gerov, Ts. Mancheva, S. Popov, V. Kristensen, D. Kamburov, A. Mirchev, N. Feschieva, L. Havezova, M. Sabarini,

36)Multidisciplinary cooperation between complementary and conventional medicine with patient suffering from myofascial pain syndrome – A case report

Yani Shivachev, Denitsa Grozdeva, Paraskeva Mancheva, Gergana Nenova, Stanislava Bogomilova, : *Department of physiotherapy, rehabilitation, thalassotherapy, occupational diseases, Medical University Varna*

37)A case of heterotopic pregnancy after frozen embryotransfer

Simona Anzhe^{1,2}, Emil Kovachev^{1,2}, Stefan Kisyov^{1,2}, Atanas Aleksandrov^{1,2}, Kateliya Aleksandrov², Dimityr Kazakov²: ¹Department of Obstetrics and gynecology, Medical University, Varna, ²SBAGAL “Prof.Dr. Dimitar Stamatov”, Varna

38)Alternative diets and health

Bojidar Popov: *Medical University, Sofia*

39)Mobility of nursing specialists for the improvement of their professional skills and competences

Aneta Dokova¹, Silviya Borisova², Todorka Kostadinova³, Svetlana Panayotova¹: ¹Department of International Relations, ²Department of Nursing Care, Faculty of Public Health, ³ Department of Economics and Healthcare Management, Faculty of Public Health, Medical University Varna

40)Challenges for the training of health professionals through international university partnerships

Aneta Dokova: Department of International Relations, Medical University Varna

41)Corporate social responsibility of pharmaceutical companies as a catalyzer of effective teams' development,

Yuliyana Kostadinov, Plamen Rusev, Zhivko Kolev, Emanuela Moutafova: *Medical University Varna*

42)Strategies for health workforce balancing – European models and possibilities for implementation in Bulgaria,

Todorka Kostadinova, Emanuela Moutafova, Aleksandar Donchev, Iliyana Georgieva: *Medical University Varna*

43)The role of communications for sustainability of international partnerships in the field of healthcare and education,

Todorka Kostadinova, Aneta Dokova, Svetlana Panayotova, Siyana Smoletsova, Silvana Dobreva, Vanya Marinova: *Medical University Varna*

44)Communication challenges between health and social sectors in the process of delivering of health services and social assistance,

Todorka Kostadinova, Galina Petrova, Aneta Dokova, Aleksandar Donchev, Ivan Popov: *Medical University Varna*

16.00-16.15 - coffee break

16.15-17.30 - **Ninth Session: Medicine and Pharmacy:**

Chairs: M. Arnaudova, D.Ivanova, T. Stoeva, A. Kaprelyan,

Secretary: G. Tsankova

POSTERS PRESENTATIONS:

1.PM - ASSESSING THE PRESENCE OF MARINE TOXINS IN BIVALVE MOLLUSKS IN RELATION TO HUMAN HEALTH

Zlatina Peteva, Stanislava Georgieva, Anelia Gerasimova, Mona Stancheva, Lubomir Makedonski:
Department of Chemistry, Faculty of Pharmacy, Medical University Varna

2.PM - BLACK SEA RAPANA VENOSA - A PROMISING SOURCE OF ESSENTIAL LIPIDS

Veselina Panayotova, Albena Merdzhanova, Diana A. Dobreva, Rositsa Stancheva: *Department of Chemistry, Faculty of Pharmacy, Medical University of Varna*

3.PM - PULMONARY ARTERY PRESSURE BEFORE AND AFTER MITRACLIP.

Ivaylo Tonchev, Anna Turyan Medvedovsky, Ilgar Tahiroglu, Chaim Lotan, Dan Gilon, David Planer, Haim D. Danenberg, Ronen Beeri, Mony Shuvy: *The Heart institute, Hadassah Medical Center, Ein Kerem, Jerusalem, Israel*

4.PM - COMPLICATED DIVERTICULAR DISEASE CLINICALLY MIMICKING PELVIC TUMOR.

Dariya L. Chivchibashi^{1,2}, Lilqna N. Petkova¹, Pavel S. Pavlov¹, Ilko T. Plachkov³: ¹*Department of General and Clinical pathology, Forensic Medicine and Deontology,* ²*Department of Pathophysiology, Medical University Varna,* ³*Department of Surgery, Medical University Varna*

5.PM - DATA STORAGE MANAGEMENT IN BULGARIAN HOSPITALS ACCORDING TO HEALTHCARE PROFESSIONALS

Damyas Petrov¹, Galina Mratzkova², Liliya Pekova^{3,5}, Nedko Dimitrov^{4,5}, Irena Mladenova³: ¹*Department of Social Medicine and Health Management, Medical Faculty, Trakia University, Stara Zagora, Bulgaria,* ²*Department of Medical Rehabilitation and Ergotherapy, Physical medicine and Sport, Medical Faculty, Trakia University, Stara Zagora, Bulgaria,* ³*Department of Hygiene, Epidemiology and Infectious Diseases, Medical Faculty, Trakia University, Stara Zagora, Bulgaria,* ⁴*Department of Orthopaedics and Traumatology, Medical Faculty, Trakia University, Stara Zagora, Bulgaria,* ⁵*University Hospital Prof. Dr. St. Kirkovich, Stara Zagora, Bulgaria*

6.PM - APPLICATION OF INTRAVENOUS LIPID EMULSIONS IN LIPOPHILIC DRUG POISONINGS

Gabriela Kehayova, Snezha Zlateva, Petko Marinov
Department of Pharmacology, toxicology and pharmacotherapy, Faculty of Pharmacy

7.PM - REGIONAL MUSCLE PLASTIC SURGERY IN VAST SOFT-TISSUE DEFECTS OF ARMPIT AND SHANK AFTER SEVERE TRANSPORT ACCIDENTS

Diko Boshnakov, Tihomir Papurov, Lubisha Blazhevski
Clinic of Orthopedics and Traumatology-Varna

8.PM - OPTICAL PROPERTIES OF PALM SYRUP BY USING METHODS OF APPLIED PHOTONICS

Poli Radusheva, Krastena Nikolova, Nadejda Petkova, Radoslava Gabrova
Department of physics and biophysics, Medical University-Varna,
Department of Organic Chemistry and Inorganic Chemistry, University of Food Technologies, Plovdiv

9.PM - LUPUS VASCULITIS.

Desislava Tsvetanova, Klimentina Gospodinova, Hristina Haidudova, Verka Pavlova, Maya Alexieva, Milen Karaivanov, Ivelina Yordanova, Dimitar Gospodinov
Department of Dermatology, venereology and allergology, Medical University Pleven, Bulgaria

10.PM - CONGENITAL NASOLACRIMAL DUCT OBSTRUCTION: EPIDEMIOLOGY AND RISK FACTORS

Krasina P. Valcheva, Emilia K. Krivoshiyska
Department of Ophthalmology, Faculty of Medicine, Medical University – Pleven

11.PM - GENDER DIFFERENCES IN COMORBIDITIES OF HEART FAILURE PATIENTS FOR THE PERIOD 2010-2014

Nadezhda Hvarchanova¹, Marieta Georgieva¹, Branimir Kanazirev²: ¹*Department of Pharmacology, Toxicology and Pharmacotherapy, Faculty of Pharmacy, Medical University, Varna, Bulgaria,* ²*Department of Propaedeutics of Internal Diseases, Faculty of Medicine, Medical University, Varna, Bulgaria*

12.PM - CONCURRENT CONTACT SENSITIZATION TO METALS IN DENTAL EXPOSURES IN BULGARIA

Maya G. Lyapina¹, Maria S. Dencheva², Mariana Cekova², Mariela S. Deliverska³, Angelina I. Kisselova²:
¹*Medical College "Yordanka Filaretova", Medical University, Sofia, Bulgaria,* ²*Department of Oral and Image Diagnostic, Faculty of Dental Medicine, Medical University, Sofia, Bulgaria,* ³*Department of Medical Ethics and Law, Faculty of Public Health, Medical University, Sofia, Bulgaria*

13.PM - PILOT STUDY OF SERUM PROINFLAMMATORY CYTOKINES LEVELS IN PATIENTS TREATED WITH DENTAL IMPLANTS

Maya Lyapina¹, Mariana Cekova², Georgy Nikolov³, Radoslava Grozdanova³, Mariela Deliverska⁴, Angelina Kisselova²: ¹*Medical University Sofia, Bulgaria, Medical College "Y. Filaretova",* ²*Medical University Sofia, Bulgaria, Faculty of Dental Medicine, Department "Oral and Image Diagnostic",* ³*National Center of Infectious and Parasitic Diseases, Sofia, Bulgaria,* ⁴*Medical University - Sofia, Bulgaria, Faculty of Public Health, Department "Medical Ethics and Law"*

14.PM - ANTIFUNGAL ACTIVITY OF LACTIC ACID BACTERIA, ISOLATED FROM (*MYTILUS GALLOPROVINCIALIS* LAM.) IN THE BULGARIAN BLACK SEA AQUATORY

Sevginar F. Ibrjamova, Elitsa Tz. Stanachkova, Radoslav I. Ivanov, Tsveteslava V. Ignatova-Ivanova
Faculty of Natural Sciences, Biology, University of Shumen

15.PM - RISK FACTORS FOR CYTOMEGALOVIRUS INFECTION DURING PREGNANCY

Anton G. Petrov¹, Miroslava I. Dimitrova¹, Milena D. Karcheva², Alexander Bozhidarov Blazhev³, Elitsa H. Gyokova¹, Iordan D. Popov¹: ¹*Department of obstetrics and gynecology, Medical University-Pleven, Bulgaria,* ²*Department of epidemiology, Medical University-Pleven, Bulgaria,* ³*Department of biology, Medical University-Pleven, Bulgaria*

16.PM - ASSESSMENT OF THE BENEFITS OF TAKING HERBAL MEDICINES AND SUPPLEMENTS TO OVERCOME THE SYMPTOMS OF MENOPAUSE

Neli M. Ermenlieva¹, Krasimira S. Laleva², Yordanka Y. Mihaylova³, Emiliq P. Georgieva³, Tsvetelina K. Popova³, Darina N. Hristova¹: ¹*Department of Preclinical and Clinical Sciences, Medical University Varna,* ²*Department of Social Medicine and Organization of Health Care, Medical University Varna,* ³*Educational sector Medical Laboratory Assistant, Medical College – Varna*

17.PM - ATTITUDES TOWARD FLU VACCINATION IN VARNA, BULGARIA

Neli M. Ermenlieva^{1,2}, Todor R. Raykov², Tatina T. Todorova¹, Mariya A. Rostamloo³, Milena A. Petkova³, Gabriela S. Tsankova¹: ¹*Department of Preclinical and Clinical Sciences, Medical University Varna,* ²*National Association for Prevention and Therapeutic Education,* ³*Student, Educational sector Medical Laboratory Assistant, Medical College – Varna*

18.PM - ROLE OF ANTI-EA-(D) IGM AND ANTI-EA-(D) IGG TESTS IN PATIENTS WITH PRIMARY EBV INFECTION, LYMPHOMAS AND IMMUNOSUPPRESSION

Tsvetelina Kostadinova¹, Lilia Ivanova¹, Tatina Todorova², Zhivka Stoykova¹, Denitsa Tsaneva¹: ¹*Dept. Microbiology,* ²*Dept. Preclinical and clinical sciences, Medical University Varna*

19.PM – USE OF ANTI-EBNA1 IGG ELISA TESTS

Tsvetelina Kostadinova¹, Lilia Ivanova¹, Tatina Todorova², Zhivka Stoykova¹, Denitsa Tsaneva¹: ¹*Dept. Microbiology,* ²*Dept. Preclinical and clinical sciences, Medical University Varna*

20.PM – ANALYSIS OF INFECTIOUS MONONUCLEOSIS CLINICAL CASES IN VARNA REGION (2010-2016)

Tsvetelina Kostadinova¹, Lilia Ivanova¹, Tatina Todorova², Zhivka Stoykova¹, Denitsa Tsaneva¹: ¹*Dept. Microbiology,* ²*Dept. Preclinical and clinical sciences, Medical University Varna*

21.PM – A POLYPHARMACY SELF-POISONING CASE: AN ACUTE COMBINED INTOXICATION WITH CLOZAPINE, MIRTAZAPINE AND SERTRALINE.

Georgi Bonchev, Ivelina Stefanova, Marieta Yovcheva, Snezha Zlateva, Petko Marinov: *Clinic for Intensive Treatment of Acute Intoxications and Toxicallergies, Naval Hospital – Varna, Military Medical Academy, Bulgaria*

22.PM – VARIABILITY OF THE TOXIC CEREBRAL SYNDROME IN PATIENTS WITH HIGH BLOOD ETHANOL LEVELS AND CORRESPONDING DEONTOLOGICAL PROBLEMS

Marieta Yovcheva, Snezha Zlateva, Petko Marinov, Georgi Bonchev, Ivelina Stefanova: *Clinic for Intensive Treatment of Acute Intoxications and Toxicallergies, Naval Hospital – Varna, Military Medical Academy, Bulgaria*

23.PM – DRIVING AND DRUG ABUSE: NORTHEASTERN BULGARIA, 2017.

Georgi Bonchev, Snezha Zlateva, Petko Marinov, Marieta Yovcheva, Ivelina Stefanova: *Clinic for Intensive Treatment of Acute Intoxications and Toxicallergies, Naval Hospital – Varna, Military Medical Academy, Bulgaria*

24.PM – A FATAL COMBINED SELF-POISONING WITH TWO ACETYLCHOLINESTERASE INHIBITOR TYPE PESTICIDES.

Snezha Zlateva, Petko Marinov, Georgi Bonchev, Marieta Yovcheva, Viktor Georgiev, Ivelina Stefanova: *Clinic for Intensive Treatment of Acute Intoxications and Toxicallergies, Naval Hospital Varna, Military Medical Academy, Bulgaria*

25.PM – AURELIA AURITA AND RHISOSTOMA PULMO STINGS IN BLACK SEA, VARNA REGION. FIFTEEN YEARS OF CLINICAL OBSERVATIONS.

Snezha Zlateva, Georgi Bonchev, Petko Marinov, Marieta Yovcheva, Ivaylo Vazharov: *Clinic for Intensive Treatment of Acute Intoxications and Toxicallergies, Naval Hospital – Varna, Military Medical Academy, Bulgaria*

26.PM – IN VITRO DRUG RELEASE AND EX VIVO PERMEATION STUDIES ON DIFFERENT INDOMETHACIN SEMI-SOLID FORMULATIONS

Tsvetelina S. Stefanova, Ivelin R. Iliev¹, Nadezhda A. Ivanova²: ¹*Faculty of Pharmacy, MU Varna,* ²*Department of Pharmaceutical technologies, Faculty of Pharmacy, MU Varna,*

27.PM – AMYOTROPHIC LATERAL SCLEROSIS AND EFFECTS OF VIBRATIONS

V. Nestorova¹, B. Ivanov¹, I. Dimitrov¹, K. Drenska¹, A. Kaprelyan¹, A. Yankova²

¹*First Neurologic clinic,* ²*Second Neurologic clinic, Univ. Hosp. St. Marina, Medical University Varna*

28.PM – CONTAMINATION WITH TOXOCARA SPP. EGGS OF ENVIRONMENTAL SAMPLES OF PUBLIC PLACES OF VARNA CITY, BULGARIA

Tatyana Cvetkova¹, Kalina Stoyanova¹, Tsonko Paunov²: ¹Department of Infectious Diseases, Parasitology and Dermatovenerology, Faculty of Medicine, Medical University – Varna, Bulgaria, ²Department of Hygiene and Epidemiology, Faculty of Public Health, Medical University – Varna, Bulgaria

29.PM - EQUIVALENCE TESTING OF TWO IRBESARTAN CONTAINING DRUG PRODUCTS (TABLETS) USING PHARMACOKINETIC ENDPOINTS

Andrey D. Petrov, Emil M. Gatchev: Department of Clinical pharmacology and therapeutics, Medical Faculty, Medical University of Sofia,

30.PM - EQUIVALENCE TESTING OF TWO BRIMONIDINE CONTAINING DRUG PRODUCTS (EYE DROPS) USING PHARMACODYNAMIC ENDPOINTS

Andrey D. Petrov, Emil M. Gatchev: Department of Clinical pharmacology and therapeutics, Medical Faculty, Medical University of Sofia,

31.PM - CAFFEINE CONSUMPTION AMONG WORKERS WITH PSYCHO-EMOTIONAL RISK FACTORS

Teodora T. Dimitrova, Darina Naydenova, Panayot Nikolov: Hygiene and Epidemiology, Department of Preclinical Sciences,

32.PM - COMPUTER VISION SYNDROME – REVIEW AND METHODS FOR ASSESSMENT

Panayot N. Nikolov, Teodora T. Dimitrova, Zornica I. Zlatarova

Hygiene and Epidemiology, Faculty of Public Health

Ophthalmology and Visual Sciences, Faculty of Medicine, Medical University of Varna

33.PM - EFFECTS OF ETHANOL ON ANTIOXIDANT ENZYMES IN PREADIPOCYTE AND MACROPHAGE CELL CULTURES

Todorka Sokrateva, Yoana Kiselova, Milena Pasheva, Milka Nashar, Oskan Tasinov, Miglena Todorova, Diana Ivanova: Department of Biochemistry, molecular medicine and Nutrigenomics, Faculty of Pharmacy, Medical University of Varna

34.PM - THE ASSESSMENT OF MENTAL WELL-BEING IN PATIENTS WITH ANXIETY DEPRESSIVE SPECTRUM DISORDERS.

Antonia Kondova¹, Anna Todorova¹, Antoaneta Tsvetkova², Silvia Mihaylova², Mariana Arnaoudova³, Desislava Vankova⁴: ¹Faculty of Pharmacy, Medical University - Varna, Bulgaria, ²Medical College, Medical University Varna, Bulgaria, ³Department of psychiatry and medical psychology, Medical University Varna, Bulgaria, ⁴Department of Social Medicine and Organization of Health, Medical University - Varna, Bulgaria

35.PM - PATIENTS WITH ANXIETY DISORDERS AND THEIR COMPLIANCE WITH MEDICATION.

Antonia Kondova¹, Anna Todorova¹, Antoaneta Tsvetkova², Silvia Mihaylova², Mariana Arnaoudova³, Desislava Vankova⁴: ¹Faculty of Pharmacy, Medical University - Varna, Bulgaria, ²Medical College, Medical University Varna, Bulgaria, ³Department of psychiatry and medical psychology, Medical University - Varna, Bulgaria, ⁴Department of Social Medicine and Organization of Health, Medical University - Varna, Bulgaria

36.PM - ANTIBIOTIC RESISTANCE - CHALLENGES AND FUTURE.

Silvia Mihaylova¹, Antoaneta Tsvetkova¹, Anna Todorova², Antonia Kondova², Mariana Arnaoudova³:

¹Medical College, Medical University - Varna, Bulgaria, ²Faculty of Pharmacy, Medical University Varna, Bulgaria, ³Department of psychiatry and medical psychology, Medical University - Varna, Bulgaria

37.PM - FEELING OF HAPPINESS IN PATIENTS WITH MULTIPLE SCLEROSIS AND COMORBIDITY

Kalina V. Drenska¹, Ara G. Kaprelyan¹, Tihomir V. Drenski¹, Veselinka D. Nestorova³, Ivan N. Dimitrov², Alexandra J. Tzoukeva¹, Dobromir V. Panov¹, Stela G. Atanasova¹, Nermin N. Syuleyman¹: ¹Department of Neurology and Neuroscience, Medical University, Varna; ²Department of Nursing Care, Sliven Affiliate, Medical University, Varna; ³Department of physiotherapy, rehabilitation, thalassotherapy and occupational diseases, Medical University, Varna.

38.PM - PERIOULAR METASTASIS ASSOCIATED WITH COLORECTAL CARCINOMA: A CASE REPORT

Zornitsa Zlatarova¹, Anna Ilieva², Ivan Krasnaliev²: ¹Department of Ophthalmology and Visual Sciences, Medical University, Varna, Department of General and Clinical Pathology, Medical University, Varna

39.PM – OCCUPATIONAL LEAD EXPOSURE AND COGNITIVE FUNCTION IN OLDER ADULTS

V. Nestorova¹, B. Ivanov¹, I. Mircheva², I. Dimitrov¹, A. Kaprelyan¹, K. Drenska¹, A. Yankova¹

¹First Neurologic clinic, Medical University Varna, Bulgaria, ²Department of Social Medicine and Healthcare Organization, Medical University Varna, Bulgaria

40.PM – REACTION MECHANISMS FOR SYNTHESIS OF IMIDAZOLE DERIVATIVES

Svetlana F. Georgieva¹, Sylvia Y. Atanasova-Stamova¹, Maya B. Georgieva²: ¹Department of Pharmaceutical Sciences and Pharmaceutical Management, Faculty Pharmacy, Medical University Varna,

²Department Pharmaceutical chemistry, Faculty Pharmacy, Medical University Sofia

41.PM – POSSIBLE APPROACHES FOR SYNTHESIS AND MODIFICATION OF THE STRUCTURE OF RXR-SELECTIVE RETINOIDS

Nadya Agova¹, Svetlana Georgieva¹, Yana Koleva²: ¹Department of Pharmaceutical Sciences and Pharmaceutical Management, Faculty of Pharmacy, Medical University of Varna, ²Department of Organic chemistry, University of “Prof. Asen Zlatarov” – Burgas

42.PM – HEALTHCARE PROVIDERS’ READINESS FOR REACTION IN CASE OF INCIDENT WITH WEAPONS OF MASS DESTRUCTION.

Elena Valkanova, Rostislav Kostadinov, Romyana Etova, Marya Georgieva: *Epidemiology and Disaster Medicine Department, Faculty of public health, Medical University of Plovdiv*

43.PM – GLA PROTEINS – THE WARNING SIGN FOR YOUR BLOOD VESSELS

Yulian Snegarov, Bistra Galunska: *Biochemistry, Molecular Medicine and Nutrigenomics, Faculty of Pharmacy, Medical University of Varna*

44.PM – PARENTAL INFLUENCES ON ADOLESCENT GIRLS' EATING BEHAVIOR

Elena Pencheva¹, Darina Naydenova²: ¹*Department Hygiene&Epidemiology, Faculty Medicine, Medical University Varna,* ²*Department preclinical and clinical sciences, Faculty pharmacy, Medical University Varna*

45.PM – MICROBIOLOGICAL ANALYSIS AND ASSESSMENT OF COASTAL BATHING WATERS IN REGION VARNA

Gabriela St. Tsankova¹, Elyana P. Ivanova², Rumen P. Kostadinov², Tatina T. Todorova¹, Neli M. Ermenlieva¹: ¹*Department of preclinical and clinical sciences, Faculty of pharmacy, Medical University Varna,* ²*Department of hygiene and epidemiology, Faculty of public health, Medical University of Varna*

46.PM – EFFECT OF DRYING AND FROZEN STORAGE ON POLYPHENOL CONTENT AND ANTIOXIDANT ACTIVITY OF *SAMBUCUS EBULUS* BERRIES.

Miglena Todorova, Bistra Galunska, Yoana Kiselova: *Department of Biochemistry, Molecular medicine and Nutrigenomics, Faculty of Pharmacy, Medical University – Varna*

47.PM – ASPECTS OF THE NUTRITIONAL STATUS OF CHILDREN WITH ADOLESCENT IDIOPATHIC SCOLIOSIS

Dimitar Marinov, Darina Najdenova, Teodora Dimitrova: *Department of Hygiene and Epidemiology, Medical University – Varna*

48.PM – CONSUMERS' ATTITUDES TOWARDS THE USE OF HERBAL MEDICINES AND HERBAL SUPPLEMENTS IN NORTHEASTERN BULGARIA

Nadya Agova, Galina Petrova, Svetlana Georgieva, Ivo Kumanov: *Department of Pharmaceutical sciences and pharmaceutical management, Faculty of Pharmacy, Medical University, Varna*

49.PM – FACTORS WITH IMPACT ON BONE HEALTH IN ADOLESCENTS IN VARNA

Darina Nydenova, Teodora Dimitrova: *Department of clinical and preclinical sciences, Faculty of pharmacy, Medical University Varna*

50.PM – NON-AUDITORY EFFECTS OF NOISE ON SEAFARERS

Teodora Dimitrova, Panayot Nikolov, Zornitsa Zlatarova: *Department of hygiene and epidemiology, Faculty of public health, Medical University of Varna*

Ophthalmology and Visual Sciences, Faculty of Medicine, Medical University of Varna

51.PM - TRANSCATHETER AORTIC VALVE IMPLANTATION IN A PATIENT WITH PROSTHETIC MITRAL VALVE- CLINICAL CASE

Veselin Valkov¹, Dobrin Kalchev¹, Atanas Kostadinov¹, Yavor Kashlov², Branimir Kanazirev²: ¹*First Clinic of Cardiology, UMHAT "St. Marina", Faculty of Medicine, Medical University, Varna, Bulgaria,* ²*Department of Internal Medicine, Faculty of Medicine, Medical University, Varna, Bulgaria*

52.PM - SNARE MANEUVER FOR MANAGEMENT OF LOW TAVI IMPLANTATION - CLINICAL CASE

Veselin Valkov¹, Dobrin Kalchev¹, Atanas Kostadinov¹, Yavor Kashlov², Branimir Kanazirev²: ¹*First Clinic of Cardiology, UMHAT "St. Marina", Faculty of Medicine, Medical University, Varna, Bulgaria,* ²*Department of Internal Medicine, Faculty of Medicine, Medical University, Varna, Bulgaria*

53.PM - DURABILITY OF BIOLOGICAL PROSTHESES USED FOR MANAGEMENT OF DEGENERATIVE AORTIC STENOSIS – TAVR VS. SAVR

Veselin Valkov¹, Dobrin Kalchev¹, Atanas Kostadinov¹, Yavor Kashlov², Branimir Kanazirev²: ¹*First Clinic of Cardiology, UMHAT "St. Marina", Faculty of Medicine, Medical University, Varna, Bulgaria,* ²*Department of Internal Medicine, Faculty of Medicine, Medical University, Varna, Bulgaria*

54.PM - PROFESSIONAL ACTIVITY AND PROFESSIONAL DEFORMATIONS – DEFINITION, CHARACTERISTICS

Stanislava Peneva¹, Veselin Valkov²: ¹*Faculty of of Health Care, Medical University, Varna, Bulgaria,* ²*First Clinic of Cardiology, UMHAT "St. Marina", Faculty of Medicine, Medical University, Varna, Bulgaria*

55.PM - ASSESSING SALIVARY CORTISOL IN RESEARCH OF SHIFT WORK RISKS AMONG CASINO EMPLOYEES IN BULGARIA

Vlayko Vodenicharov, Irena Ivanova, Konstantin Mitov, Teodora Dimitrova: *Hygiene, Medical Ecology and Nutrition, Medical University Sofia, Hygiene and Epidemiology, Faculty of Public Health, Department of Preclinical Sciences, Faculty of Pharmacy*

56.PM - WATERBORNE AND FOODBORNE CYANOBACTERIAL TOXINS: POTENTIAL FOR BIOTERRORIST ATTACK

Iglika D. Marinova¹, Miroslav D. Marinov², Hristianna A. Romanova¹, Nikolina R. Radeva¹, Darina N. Hristova³, Radko Z. Radev², Andrey A. Zabunov⁴: ¹*Dept. Disaster medicine and maritime medicine, Faculty Public health, Medical University Varna,* ²*Dept. Physiology and Pathophysiology, Faculty Medicine, Medical University Varna,* ³*Dept. Preclinical and clinical sciences, Faculty Public health, Medical University Varna,* ⁴*Dept. General medicine and clinical laboratory, Faculty Public health, Medical University Varna*

57.PM - WATERBORNE AND FOODBORNE CYANOBACTERIAL TOXINS WHIT POTENTIAL FOR BIOTERRORIST ATTACK: SPREAD

Iglika D. Marinova¹, Miroslav D. Marinov², Hristianna A. Romanova¹, Nikolina R. Radeva¹, Darina N. Hristova³, Radko Z. Radev², Andrey A. Zabunov⁴: ¹Dept. Disaster medicine and maritime medicine, Faculty Public health, Medical University Varna, ²Dept. Physiology and Pathophysiology, Faculty Medicine, Medical University Varna, ³Dept. Preclinical and clinical sciences, Faculty Public health, Medical University Varna, ⁴Department General medicine and clinical laboratory, Faculty Public health, Medical University Varna

58.PM - WATERBORNE AND FOODBORNE CYANOBACTERIAL TOXINS WHIT POTENTIAL FOR BIOTERRORIST ATTACK: RESISTANCE

Iglika D. Marinova¹, Miroslav D. Marinov², Hristianna A. Romanova¹, Nikolina R. Radeva¹, Darina N. Hristova³, Radko Z. Radev², Andrey A. Zabunov⁴: ¹Dept. Disaster medicine and maritime medicine, Faculty Public health, Medical University Varna, ²Dept. Physiology and Pathophysiology, Faculty Medicine, Medical University Varna, ³Dept. Preclinical and clinical sciences, Faculty Public health, Medical University Varna, ⁴Dept. General medicine and clinical laboratory, Faculty Public health, Medical University Varna

59.PM - EFFECTS OF ACUTELY APPLIED CANNABINOID CB1 LIGANDS ON LOCOMOTOR ACTIVITY OF RATS WITH A MODEL OF DEPRESSION

Dobrinka Doncheva¹, M. Marinov¹, R. Tashev², M. Velikova¹: ¹Medical University Varna, ²Medical University Sofia

60.PM - EVALUATION OF THE EFFECT OF TIME INTERVAL ON SOME BEHAVIORAL CHANGES OBSERVED AFTER OLFATORY BULBECTOMY

Dobrinka Doncheva¹, R. Tashev², M. Velikova¹: ¹Medical University – Varna, ²Medical University - Sofia

61.PM - CONTAMINATION WITH TOXOCARA SPP. EGGS OF ENVIRONMENTAL SAMPLES OF PUBLIC PLACES OF VARNA CITY, BULGARIA.

Tatyana Cvetkova¹, Kalina Stoyanova^{1*}, Tsonko Paunov²: ¹Department of Infectious Diseases, Parasitology and Dermatovenereology, Faculty of Medicine, Medical University Varna, Bulgaria, ²Department of Hygiene and Epidemiology, Faculty of Public Health, Medical University Varna, Bulgaria

64.PM - CHANGES IN ELECTROMYOGRAPHIC ACTIVITY AFTER BOTULINUM TOXIN INJECTION IN RECTUS FEMORIS OF PATIENTS WITH HEMIPARESIS WALKING WITH STIFF KNEE GAIT.

Gergana Gecheva: Medical Center Physiotherapy and Rehabilitation, Pavel Banya, Bulgaria

65.PM - PATHOPHYSIOLOGY OF THE THERMAL TRAUMA: WHAT WE KNOW?

Minka Hristova¹, Ganka Bekyarova¹, Maria Tzaneva^{2,3}, Dariya Chivchibashi^{1,3}: ¹Dept. of Physiology and Pathophysiology, Medical University of Varna, Bulgaria, ²Dept. of Preclinical and Clinical Sciences, Medical University Varna, Bulgaria, ³Dept. of General and Clinical Pathology, Forensic Science and Deontology, Medical University Varna, Bulgaria

66.PM - ROLE OF NRF2 IN GASTRIC MUCOSAL PROTECTION.

Minka Hristova¹, Ganka Bekyarova¹, Maria Tzaneva^{2,3}, Dariya Chivchibashi^{1,3}, Yoana Kiselova-Kaneva⁴: ¹Department of Physiology and Pathophysiology, Medical University of Varna, Bulgaria, ²Department of Preclinical and Clinical Sciences, Medical University of Varna, Bulgaria, ³Department of General and Clinical Pathology, Forensic Science and Deontology, Medical University of Varna, Bulgaria, ⁴Department of Biochemistry, Molecular Medicine and Nutrigenomics, Medical University of Varna; Varna 9002, Bulgaria

67.PM - COMPARATIVE ANALYSIS OF SALIVARY CELLULAR COMPOSITION IN PATIENTS WITH CHRONIC GASTROINTESTINAL DISEASES

Mariana Yordanova¹, Daniela I. Gerova¹, Antoniya Atanasova², Bistra T. Galunska-Kalcheva³: ¹Dept. General medicine and clinical laboratory, ²Department Anatomy and Cell Biology, Faculty Medicine; ³Dept. biochemistry, molecular medicine and nutrigenomics, Faculty Pharmacy; Medical University Varna

68.PM - PHARMACISTS PREVENTING ADVERSE DRUG INTERACTIONS CONNECTED WITH MEDICAL ABORTION

¹Dimitar Marinov, ²Gergana Josifova, ^{1,2}Evgeni Grigorov: ¹National Center for Public Health and Analyses, Sofia, ²Faculty of Pharmacy, Medical University-Varna

69.PM - GERSTMANN SYNDROME IN A YOUNG MAN: A CASE REPORT

Stela G. Atanasova, Ivan N. Dimitrov, Ara G. Kaprelyan, Kalina V. Drenska: Department of Neurology and Neuroscience, Prof. Paraskev Stoyanov Medical University, Varna, Department of Nursing, Sliven Affiliate, Prof. Paraskev Stoyanov Medical University, Varna

70.PM - MANAGEMENT OF RECURRENCES OF HYDATIDOSIS

Krasimira Kalinova

Special surgery, Pediatric surgery, Medical faculty, Thracian University, Stara Zagora

71.PM - Terrorism – Challenges for Hospital Emergency Departments

Kiril Atliev¹, Rostislav S. Kostadinov²: ¹Department Anaesthesiology, Emergency and Intensive Medicine; ²Department Epidemiology and Disaster Medicine; Medical University Plovdiv

17.30-18.00 - [General Assembly of IMAB and Alumni Club at the Medical University - Varna](#)

19.30 - ??? - [Wine party, Seminar room, Hotel Admiral](#)

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Publications: Journal of IMAB will accept for full publications only papers, which have been registered and included in the Scientific Programme of the 28-th IMAB Assembly 2018, and presented by their authors during the sessions of the Assembly.

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