





## 29-th Annual Assembly of IMAB

#### with the satellite 6-th Meeting of Alumni Club at Medical University Varna

9 - 12 May 2019,

Congress center, Hotel Admiral, Resort Golden Sands, Varna, Bulgaria

under the patronage of the Rector of the Medical University Varna

#### **Organizing Committee:**

President of IMAB: Krassimir Metodiev

Board of IMAB: Mariana Arnaudova, George Kyuchukov, Tatina Todorova, Neli Ermenlieva, Gabriela Tzankova, Asparuh Asparuhov, Gospodin Peytchinski, Svetoslav Stoimenov, Jordan Gechev, Orlin Savov, Kapriel Kaprelyan, Sergei Popov, Stefan Toschew, Martin Mintchev, Ara Kaprelyan, Aidun Genchoi, Evstratios Milonas, Gregory Echilevich, Deyan Anakievski, Emil Gatchev Secretariat: Ruska Nikolova, Todorinka Totkova, Dora Peychinska

Web-site of IMAB: <a href="http://www.imab-bg.org/">http://www.imab-bg.org/</a>

#### **Final Programme:**

#### 9 May 2019 /thursday/

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

**19:30** - welcome get-together

**10 May 2019** /friday/

09:00-09:30 - opening ceremony, greeting addresses, awards of IMAB

09:15-11:15 - First session: MEDICINE - ORAL PAPERS (10 minutes)

Chair: Krassimir Metodiev, Orlin Savov, Martin Mintchev

- E-MOSQUITO: THE PLATFORM FOR PRO-ACTIVE HEALTHCARE

Martin P. Mintchev,

University of Calgary, Canada

- PRECISION ONCOLOGY FOR THE PROSTATE CANCER - WHERE WE ARE IN 2019

<sup>1</sup>Orlin Savov,IVladislav Mladenov,IMitko Tzvetkov,IDimitar Mladenov

<sup>1</sup>Office/Dpt. of Urology, St. Theresia, Teaching Hospital of The University of Erlangen, Nuremberg, Germany; IDpt. Of Urology, Medical University of Sofia, Bulgaria

- RADIOFREQUENCY ABLATION IN TREATMENT OF BONE TUMOR IN PEDIATRICS

Todor Gerov, Tsvetelina Mancheva-Gerova, Omer Or, Meir Liebergal, Yacob Sosna Hadassah Hospital, Jerusalem, Israel

- NECK ULTRASONOGRAPHY AND PERCUTANEOUS FINE NEEDLE BIOPSY UNDER ULTRASOUND WITH SUBMENTAL ACCESS – UNCOMMON APPROACH FOR TONGUE CANCER DIAGNOSIS

Milena Avdzhiyska1, Nikolay Raykov2, Snezhinka Vicheva3, Asya Raykova4, Miroslav Raykov5 1Medical University "Prof. Dr. Paraskev Stoyanov"; Varna, Bulgaria 2Medical complex "Plus"; Varna, Bulgaria

3Oncological Dispensary "Marko Markov", Department of Clinical Pathology; Varna, Bulgaria

4MHAT Dobrich, First department of internal diseases; Dobrich, Bulgaria

5MHAT "St. Anna", Department of Orthopaedics and traumatology; Varna, Bulgaria

#### - LAPAROSCOPIC PARTIAL NEPHRECTOMY

D. Anakievski, R. Marinov, V. Nikolov, P. Abushev

Clinic of Urology, St. Marina University Hospital of Varna, Medical University - Varna, Bulgaria

### - POSSIBILITIES FOR IMPLEMENTATION OF NATIONAL SCREENING PROGRAM FOR CHRONIC HCV INFECTION - PRECONDITIONS AND CONSEQUENCES

Maria Dimitrova, Maria Kamusheva, Guenka Petrova

Faculty of pharmacy, Medical University of Sofia, Department Organization and economy of pharmacy, Sofia

#### - CHALLENGES IN THE DIAGNOSIS AND TREATMENT OF CHRONIC COUGH

Darina Miteva, Vanya Kostadinova, Yordan Radkov

Department of Pulmonology and Allergology, Medical Faculty, Medical University-Varna, MHAT"St.Marina" - Varna, Bulgaria

#### - HEART FAILUREFROM CINDARELLA TO FRONT STAGE

Branimir Kanazirev

Department of Propedeuricsof Internal Medicine

#### - BENEFITS OF TAVI FOR THE TREATMENT OF AORTIC STENOSIS

Veselin Valkov

Ist Clinic of cardiology, UMHAT "St. Marina", Varna

#### - USE OF PRASUGREL IN CLINICAL PRACTICE

Atanas Kostadinov

UMHAT St. Marina Varna, Medical University of Varna

#### 11:15-11:30 - coffee break

#### 11:30-13:00 - Second session

Chair: George Kyuchukov, Tatina Todorova, Emil Gatchev

#### - HEMOSTASIS IN ERYSIPELAS

Tsveta Kalinova, Yoanna Velevska, Sonia Marina

Medical University of Varna, Faculty of Medicine, Department of Infectious diseases, parasitology and dermatovenereology, University Hospital "St. Marina", Varna

#### - PSYCHOSOMATIC NEW CONCEPTS AND THERAPY OF NEUROTIC DISORDERS.

Jenet Petkova

Trakia hospital, Bulgaria

#### - IMPACT OF AIR POLLUTION ON COPD PATIENTS IN BULGARIA

Miglena Doneva<sup>1</sup>, Guenka Petrova<sup>1</sup>, Daniela Petrova<sup>2</sup>, Maria Kamusheva<sup>1</sup>

<sup>1</sup>MU Sofia, Faculty of Pharmacy, Dunav 2 Str., Sofia, Bulgaria

<sup>2</sup>MU Sofia, UMBAL "Alexandrovska", Department of Propaedeutic of Internal Medicine, St. Georgi Sofiyski Str. 1, Sofia, Bulgaria

#### - FIRST CAMPAIGNE FOR PREVENTION OF ALLERGIC SKIN DISEASES/RESULTS FROM VARNA/

Yoanna Velevska, Tsveta Kalinova, Jana Kazandjieva, Sonya Marina

Dermatovenerology, Dept. Infection diseases, parasitology and dermatovenerology, Med.University of Varna

#### - FOLLOW-UP OF PATIENTS WITH NON-CYSTIC FIBROSIS BRONCHIECTASIS

Vanya Kostadinova<sup>1</sup>, Darina Miteva<sup>1</sup>, Yordan Radkov<sup>1</sup>, Temenuga Stoeva<sup>2</sup>

Department of Internal Diseases, ES Pulmonary Diseases and Allergology, Medical University of Varna

<sup>2</sup>Department of Microbiology and Virology, Medical University of Varna

#### - VITAMIN K2 AND ITS ROLE IN DIABETIC MACROVASCULAR COMPLICATIONS

Elena Marinova, Branimir Kanazirev, Mila Boyadjieva, Yana Bocheva

Medical University of Varna, University hospital "St. Marina", Varna

#### - PROCALCITONIN AND SEPSIS

Dimitrova-Karamfilova A, E. Keuleyan, I. Petrova, D. Panayotova, N. Tomova, S. Tete, M. Michailova Medical Institute – Ministry of the Interior, Bulgaria

### - POSSIBLE MARKERS FOR NECROSIS AND NECROPTOSIS IN PATIENTS WITH MYOCARDIAL INFARCTION WITH ST SEGMENT ELEVATION

Yavor Kashlov

Medical University Varna; MBAL St. Marina-Varna

#### - MANAGEMENT OF MUNICIPAL HOSPITALS- PRESENT CONDITION AND PROSPECTS

Elisaveta Petrova-Geretto. Zlatitsa Petrova

Department of Medical Ethics and Law

Deaprtment of Health policy and Management, Faculty of Public Health, Medical University- Sofia

14:00-16:00 - Third session: MEDICINE - ORAL PAPERS (10 minutes)

Orthopedics

Chair: Dimitar Raikov, Orlin Filipov

#### - INITIAL EXPERIENCE IN THE TREATMENT OF FUNCTIONAL ANKLE INSTABILITY

Preslav Penev; Miroslav Raykov; Dimitar Raykov

Department of Orthopaedics and traumatology; Medical university "Prof. d-r Paraskev Stoyanov" – Varna

### - POSTEROLATERAL APPROACH FOR OPEN REDUCTION AND INTERNAL FIXATION OF POSTERIOR MALLEOLUS

Preslav Penev; Blagovest Belchev; Dimitar Raykov

Department of Orthopaedics and traumatology; Medical university "Prof. d-r Paraskev Stoyanov" – Varna

### - PROBLEMS IN THE DIFFERENTIAL DIAGNOSIS OF A SOLITARY ANTERIOR NECK MASS: CASE REPORT

Raykov N.1, Raykova A2., Vicheva S.3, Slavov G.4, Hristova V.5, Malcheva D.6, Todorov Sv.6, Kachovski Ts.7, Avdzhiyska M.8, Raykov M.9

1Medical Complex "Plus";Varna ,Bulgaria

2MBAL Dobrich AD, First department of internal diseases, Dobrich, Bulgaria

3Oncological Dispensary" Marko Markov"; Department of clinical pathology; Varna, Bulgaria

4"St. Anna" hospital, Department of Thoracic Surgery; Varna, Bulgaria

5"St. Anna" hospital, Department of Clinical Pathology; Varna, Bulgaria

6Clinical Laboratory "Status", Varna, Bulgaria

7MU-Varna "Prof. Dr. Paraskev Stoyanov", Department of Obstetrics and gynecology Varna, Bulgaria

8MU-Varna "Prof. Dr. Paraskev Stoyanov", Varna, Bulgaria

9MBAL "St. Anna" Varna, Department of orthopaedics and traumatology, Varna, Bulgaria

### - DEEP OSCILLATIONS® - REDUCING EDEMA AND IMPROVING KINESIOLOGY IN THE EARLY STAGES AFTER KNEE JOINT ARTHROPLASTY

Evgeniya Vladeva, Mariyana Mihaylova, Liliya Panayotova

Department of Physiotherapy, Rehabilitation, Thalassotherapy and Occupational Diseases, The Faculty of Public health, Medical University-Varna

#### - STRESS X-RAY AS A DIAGNOSTIC METHOD FOR ACUTE ANKLE INSTABILITY

Preslav Penev; Emilian Georgiev; Dimitar Raykov

Department of Orthopaedics and traumatology; Medical university "Prof. d-r Paraskev Stoyanov" – Varna

- STEMLESS SHOULDER REPLACEMENT - ACTUAL SOLUTION IN HUMERAL HEAD PATHOLOGY Asparuh Asparuhov, I.Gerasimov, H.Aisoj, S.Kotzev

Medical University Pleven, Bulgaria

#### - TOTAL KNEE ARTHROPLASTY AFTER FAILED UNICOMPARTMENTAL KNEE REPLACEMENT Asparuh Asparuhov, Iskren Gerasimov, S. Kotzev, H. Aisoj

Medical University Pleven, Bulgaria

### - BIPLANE DOUBLE-SUPPORTED SCREW FIXATION OF FEMORAL NECK FRACTURES. TEN YEARS OF CLINICAL EXPERIENCE

Orlin Filipov

Orthopedic department, Vitosha hospital, Sofia

### - BIPLANE DOUBLE-SUPPORTED SCREW FIXATION OF FEMORAL NECK FRACTURES. OPERATIVE TECHNIQUE AND SURGICAL NOTES

Orlin Filipov

Orthopedic department, Vitosha hospital, Sofia

16:00-16:15 - coffee break

16:15-18:00 - Forth session: MEDICINE - ORAL PAPERS (10 minutes)

Obstetrics and gynecology

Chair: Emil Kovachev, Stefan Ivanov

### - THE ROLE OF THE UNK CELL IN IMPLANTATION AND PLACENTATION IN EARLY PREGNANCY: LITERATURE REVIEW

Kachovski Ts.1, Tonchev A.2, Kovachev E.3, Raykova A.4, Tsvetkov K.3, Koleva P.5, Ivanov S.3

1)Medical University -Varna "Prof. Dr. Paraskev Stoyanov", Department of Obstetrics and Gynecology, Varna, Bulgaria

2)Medical University -Varna "Prof. Dr. Paraskev Stoyanov", Department of Anatomy and Cell Biology, Varna, Bulgaria

3)SBAGAL "Prof. Dr. Dimitar Stamatov- Varna" EOOD, Varna, Bulgaria

4)MBAL Dobrich AD, First department of internal diseases, Dobrich, Bulgaria

5)Oncological Dispensary "Marko Markov", Department of clinical pathology; Varna, Bulgaria

### - SMOOTH MUSCLE TUMORS OF UTERUS WITH UNCERTAIN MALIGNANT POTENTIAL - WHAT ARE WE TO EXPECT?

Angel Yordanov1, Assia Konsoulova2, Strahil Strashilov3, Gabriela Simeonova4, Polina Vasileva4

1Clinic of Gynecologic Oncology, University Hospital "Dr.G. Stranski", Pleven, Bulgaria

2Complex Oncological Center Burgas

3Department of Surgical Oncology, Medical University Pleven, Bulgaria

4Department of Obstetrics and gynecology, Medical University Pleven, Bulgaria

#### - ETIOLOGY, DIAGNOSIS, AND CLINICAL MANAGEMENT OF VULVODYNIA

Polina Vasileva1, Strahil Strashilov2, Gabriela Simeonova1, Angel Yordanov3

1Department of Obstetrics and gynecology, Medical University Pleven, Bulgaria

2Department of Surgical Oncology, Medical University Pleven, Bulgaria

3Clinic of Gynecologic Oncology, University Hospital "Dr.G. Stranski", Pleven, Bulgaria

### - UTERINE ISTHMOCELE - A LONG-TERM COMPLICATION OF CESAREAN SECTION (CS) SURGERY - MINI REVUE WITH CONTRIBUTION OF 3 CASES

Polina Vasileva1, Strahil Strashilov2, Gabriela Simeonova1, Angel Yordanov3

1Department of Obstetrics and gynecology, Medical University Pleven

2Department of Surgical Oncology, Medical University Pleven, Bulgaria

3Clinic of Gynecologic Oncology, University Hospital "Dr.G. Stranski", Pleven, Bulgaria

### - EXPLAINING THE UNEXPLAINED INFERTILITY: THE DIAGNOSTIC POSSIBILITIES OF TRANSVAGINAL LAPAROSCOPY

Atanas Aleksandrov, Emil Kovachev, Stefan Kisyov, Simona Anzhel, Nikoleta Tabakova, Dimitar Kazakov, Medical University of Varna, Dept. Obstetrics and Gynaecology

SBAGAL "Prof. Dr. Dimitar Stamatov", Varna

#### - CURRENT SURGICAL TREATMENT OF CERVICAL ADENOCARCINOMA STAGE T1A1

Stefan Ivanov

Dept. Obstetrics and gynecology, Medical University of Varna, Bulgaria

#### - ASPECTS IN THE TREATMENT AND PREVENTION OF PREECLAMPSIA

Ivanov D, Kovachev E, Tsvetkov K, Tabakova N

SBAGAL-Varna, Department of Obstetrics and Gynecology

### - PLATELET-RICH PLASMA APPLICATIONS IN THE FIELD OF OBSTETRICS AND GYNECOLOGY: RATIONALE FOR USE AND CLINICAL RELEVANCE

Nikoleta Tabakova, Emil Kovachev, Zhivko Zhekov, Atanas Alexandrov, Simona Anzhel,

Medical University of Varna. Department of Obstetrics and Gynecology; SBAGAL "Prof. d-r D. Stamatov "Varna

#### - CLINICAL CASE OF PLACENTA ACCRETA DIAGNOSED POSTPARTUM

Dimitar Kazakov, Emil Kovachev, Anzhel Aleksandrov

SBAGAL "Prof. Dr. Dimitar Stamatov" Varna

Free evening, dinner option:

Restaurant Kopitoto (Bai Dancho Kyufteto) – Resort St.St. Constantine & Helena

- voucher 30 BG leva

#### **11 May 2019** /saturday/

#### 09:00-11:00 - Fifth session: DENTISTRY - ORAL PRESENTATIONS (10 minutes)

Chair: Miglena Balcheva, Plamen Nenkov

#### - SURGICAL AND IMPLANT TREATMENT IN PATIENTS WITH UNDERLYING DISEASES

Aleksandar Georgiev, Miglena Balcheva

Med.University-Varna

### - RECURRENCE OF MEDICATION-RELATED OSTEONECROSIS OF THE JAW – WHEN TO EXPECT IT?

Rosen Tsolov, Elena Firkova, Georgi Iordanov

Department of Maxillo-facial and Oral surgery, Saint George Hospital University Medical Center, Plovdiv

#### - PERIAPICAL SURGERY. REVIEW.

Bogdan Krastev, Ivan Filipov,

Department of Operative Dentistry and Endodontics, Faculty of Dental Medicine Plovdiv, Medical University Plovdiv

#### - DIGITAL VERIFICATION OF CENTRIC BITE REGISTRATION

Mariana Dimova-Gabrovska

Medical University-Sofia, Faculty of Dental Medicine, Department of Prosthetic Dentistry

### - POSSIBILITIES FOR APPLICATION OF SOFT RELINING MATERIALS IN MAXILLOFACIAL PROSTHESIS

Ivan Gerdzhikov

Department of Prosthetic dentistry, Faculty of Dental Medicine, Medical University of Sofia

- SPECIFICATIONS OF PROSTHETIC TREATMENT WITH FORMING DENTURES Ivan Gerdzhikov

Department of Prosthetic dentistry, Faculty of Dental Medicine, Medical University of Sofia

## - DIMENSIONAL RIDGE ALTERATIONS AND HISTOMORPHOMETRIC ANALYSIS FOLLOWING SOCKET PRESERVATION WITH PRF OR ALLOGRAFT: RANDOMISED CONTROLLED CLINICAL STUDY

Vasilena Ivanova, Ivan Chenchev, Stefan Zlatev, Nikolay Kanazirski Department of Oral surgery, Faculty of Dental Medicine, Medical University – Plovdiv, Bulgaria

#### 11:00-11:15 - coffee break

#### 11.15-13.00 - Sixth session:

### - PROTOCOL FOR PERIODONTAL TOOTH PREPARATION WITH ER-YAG LASER BEFORE FIXED PROSTHETIC TREATMENT

Plamen Nenkov, Polina Velcheva, Metodi Abadzhiev

Med.University - Varna

#### - SPEECH OUTCOMES IN SURGICALLY TREATED PATIENTS WITH ORAL CANCER

Evgeniy Aleksiev<sup>1,2</sup>, Zornitsa Mihaylova<sup>1</sup>, Pavel Stanimirov<sup>1,2</sup>

1) Department of Oral and Maxillofacial surgery, Faculty of Dental medicine, Medical University Sofia, Bulgaria.

2) Maxillofacial surgery Clinic of Maxillofacial surgery, University Hospital "Aleksandrovska"

#### - ADVANTAGES AND DISADVANTAGES OF PEDIATRIC CROWN PROSTHETIC TREATMENT

Mariana Dimova-Gabrovska<sup>1</sup>, Desislava Dimitrova<sup>2</sup>, Bozhidar Yordanov<sup>1</sup>, Radosveta Andreeva<sup>3</sup>

- 1)Medical University-Sofia, Faculty of Dental Medicine, Department of Prosthetic Dentistry
- 2) Dental Clinic Edinstvo
- 3) Medical University-Varna, Faculty of Dental Medicine, Department of Pediatric Dentistry

### - ULTRASOUND DIAGNOSTIC OF TEMPOROMANDIBULAR JOINT IN PATIENTS WITH CRANIOMANDIBULAR DYSFUNCTIONS

Mariana Dimova-Gabrovska<sup>1</sup>, Desislava Dimitrova<sup>2</sup>, Bozhidar Yordanov<sup>1</sup>, Nikolay Apostolov<sup>1</sup> 1)Medical University-Sofia, Faculty of Dental Medicine, Department of Prosthetic Dentistry 2)Dental Clinic Edinstvo

#### PHOTOGRAMMETRY IN ORAL AND MAXILLOFACIAL SURGERY.

Evgeniy Aleksiev, Dimitar Kosturkov

Department of Oral and Maxillofacial Surgery, Faculty of Dental Medicine, Medical University - Sofia, Bulgaria

Clinic of Maxillofacial Surgery, University Hospital Aleksandrovska, Sofia, Bulgaria

#### DIFERENT TYPES OF CAD/CAM FABRICATED SINGLE CROWNS OVER IMPLANTS. CASE SERIES.

Stefan Zlatev<sup>1</sup>, Vasilena Ivanova<sup>2</sup>, Ivan Chenchev<sup>2</sup>, Rangel Todorov<sup>3</sup>

- 1)Department of prosthetic dentistry, Faculty of dental medicine, Medical University Plovdiv, Bulgaria
- 2) Department of Oral surgery, Faculty of Dental Medicine, Medical University Plovdiv, Bulgaria.
- 3) Department of prosthetic dentistry, Faculty of dental medicine, Medical University Sofia, Bulgaria

#### 13:00-14:00 - lunch break

#### 14:00-16:30 - Seventh session:

#### **ROUND TABLE**

Round Table on Organization, Challenges and Management of the Health Care System INTEGRATIVE MEDICINE:

Hospital care, Rehabilitation, Kinesitherapy, Social Circles, Integrated care and Management,

#### **OPEN DISCUSSION:**

#### **Moderators:**

Todorka Kostadinova, Gergana Nenova, Maria Gramatikova, Sonya Toncheva, Alexander Valkov, Krassimir Metodiev, Kapriel Kaprelyan, Orlin Savov, Sergei Popov, Stefan Toschev, Martin Mintchev, Igor Resnick, Jordan Gechev

#### Part I. Hospital care, Rehabilitation and Kinesitherapy,

#### - KINESITHERAPY FOR PATIENTS WITH FAMILIAL AMYLOID POLYNEUROPATHY

Mariela Filipova, Daniela Popova, Gergana Nenova, Stanislava Bogomilova, David Kanchev Kinesitherapy department, SWU "Neofit Rilski", Medical University of Varna

### - KINESITHERAPY FOR PATIENTS WITH ISCHEMIC STROKE TREATED WITH INTRAVENOUS THROMBOLYSUS

Mariela Filipova, Daniela Popova, Gergana Nenova, Stanislava Bogomilova Kinesitherapy department, SWU "Neofit Rilski", Medical University of Varna

#### - CHANGES IN MUSKULOSKELETAL SYSTEM AFTER IMMOBILIZATION

Ana Nikolova, Gergana Nenova, Asen Baltov, Yani Shivachev, Ilyan Georgiev

PHYSIOPILATES LTD,Sofia,¹ Training sector of Kinesitherapy, Faculty of public health, Medical Unuversity-Varna², University Hospital for active treatment and emergency medicine "Pirogov", Orthopedic and Traumatology Department³, , Training sector of Kinesitherapy, Faculty of public health, Medical Unuversity-Varna⁴, Aspetar Hospital,Doha-Qatar⁵

### - PERCEPTION OF PATIENT SAFETY CULTURE AMONG HEALTHCARE SPECIALISTS IN BULGARIAN HOSPITALS - PRELIMINARY RESULTS

Rositsa Dimova1, Rumyana Stoyanova1, Biayanka Tornyova2, Momchil Mavrov2, Hariata Elkova2.

1Dept. Health Management and Health Economics, Faculty of Public Health, Medial University of Plovdiv 2Dept. Healthcare management, Faculty of Public Health, Medial University of Plovdiv

2 Manager of the Department of Devoice and Debabilitation Mediains of the Heavital "S

3Manager of the Department of Physical and Rehabilitation Medicine of the Hospital "St. Panteleymon Plovdiv"

#### - IMMOBILIZATION AND CHANGES IN TISSUES

Ana Nikolova<sup>1</sup>, Gergana Nenova, Asen Baltov, Ilyan Georgiev, Yani Shivachev

- 1)PHYSIOPILATES LTD,Sofia,
- 2)Training sector of Kinesitherapy, Faculty of public health, Medical Unuversity-Varna,
- 3) National Institute "Pirogov",
- 4)Orthopedic and Traumatology Department, Aspetar Hospital, Doha-Qatar,
- 5) Training sector of Kinesitherapy, Faculty of public health, Medical Unuversity-Varna

#### - SLEEP DISORDERS AND FATIGUE IN EMERGENCY HEALTHCARE WORKERS IN BULGARIA

Marina N. Samuneva - Zhelyabova, Karolina D. Lyubomirova, Todor G. Kundurjiev

Department of Occupational Medicine, Faculty of Public Health, Medical University - Sofia

### - DEEP OSCILLATIONSR - REDUCING EDEMA AND IMPROVING KINESIOLOGY IN THE EARLY STAGES AFTER KNEE JOINT ARTHROPLASTY

Evgeniya Vladeva, Mariyana Mihaylova, Liliya Panayotova

Department of Physiotherapy, Rehabilitation, Thalassotherapy and Occupational Diseases, The Faculty of public health, Medical University-Varna

### - METHODOLOGICAL APPROACHES FOR EVALUATION OF THE PHYSICIAN'S ACTIVITY IN THE PRACTICE OF GENERAL MEDICINE (issue 1)

Adolf Alakidi<sup>1</sup>, Vanina Mihaylova<sup>2,4</sup>, Iglika Kazandjieva<sup>3</sup>, Mariana Liochkova<sup>4</sup>

<sup>1</sup>Department of Hygiene, Ecomedicine and Nutrition, Faculty of Medicine, Medical University of Sofia, Bulgaria

<sup>2</sup>Department of Physiotherapy, Faculty of Public Health, Medical University of Sofia, Bulgaria

<sup>3</sup>Director of the Complex far social and Health Services "Saint Petka", Plovdiv, Bulgaria

<sup>4</sup>Department of Healthcare Management, Faculty of Public Health, Medical University of Ploydiy, Bulgaria

### - METHODOLOGICAL APPROACHES FOR EVALUATION OF THE PHYSICIAN'S ACTIVITY IN THE PRACTICE OF GENERAL MEDICINE (issue 2)

Adolf Alakidi<sup>1</sup>, Mariana Liochkova<sup>2</sup>, Vanina Mihaylova<sup>2,3</sup>, Iglika Kazandjieva<sup>4</sup>

<sup>1</sup>Department of Hygiene, Ecomedicine and Nutrition, Faculty of Medicine, Medical University of Sofia, Bulgaria

<sup>2</sup>Department of Healthcare Management, Faculty of Public Health, Medical University of Plovdiv, Bulgaria

<sup>3</sup>Department of Physiotherapy, Faculty of Public Health, Medical University of Sofia, Bulgaria

<sup>4</sup>Director of the Complex far social and Health Services "Saint Petka", Plovdiv, Bulgaria

### - APPLICATION OF MUSCLE INHIBITING TECHNIQUES IN CHILD CEREBRAL PALSY Mariya Gramatikova

Department of Kinesitherapy, Faculty of Public Health, Healthcare and Sports, South-West University "Neofit Rilski", Blagoevgrad, Bulgaria

### - APPROBATING METHODOLOGY FOR REDUCTION OF BODY FAT WITH CRYOLIPOLYSIS AND CAVITATION

Mariya Gramatikova, Stamenka Mitova, Iliya Kanelov<sup>2</sup>

Department of Kinesitherapy, Faculty of Public Health, Healthcare and Sports, South-West University "Neofit Rilski", <sup>2</sup>Department Theory and methodology of physical education, Faculty of Pedagogy, South-West University "Neofit Rilski", Blagoevgrad, Bulgaria

#### - EFFECT OF HYDROTHERAPY ON CHRONIC PAIN IN THE LUMBAR REGION

Mariya Gramatikova, Stamenka Mitova, Nasko Valchev

Department of Kinesitherapy, Faculty of Public Health, Healthcare and Sports, South-West University "Neofit Rilski", Blagoevgrad, Bulgaria

#### - SEAS METHODOLOGY IN ADOLESCENT IDIOPATHIC SCOLIOSIS

Stamenka Mitova

Department of Kinesitherapy, Faculty of Public Health, Healthcare and Sports, South-West University "Neofit Rilski", Blagoevgrad, Bulgaria

### - RESEARCH OF THE POSSIBILITIES OF LASER ACUPUNCTURE IN MUSCULOSKELETAL DYSFUNCTIONS IN THE AREA OF THE SPINE

Stamenka Mitova, Mariya Gramatikova, Borislav Chongov, Margarita Avramova

Department of Kinesitherapy, Faculty of Public Health, Healthcare and Sports, South-West University "Neofit Rilski", Blagoevgrad, Bulgaria

#### - APPROBATION OF PHYSIOTHERAPEUTIC METHOD IN LUMBOSARRAL PAIN SYNDROME

Stamenka Mitova<sup>1</sup>, Mariya Gramatikova<sup>1</sup>, Stoiyan Vezenkov<sup>2</sup>, Gergana Nenova<sup>3</sup>, Stanislava Bogomilova<sup>3</sup> Department of Kinesitherapy, Faculty of Public Health, Healthcare and Sports, South-West University "Neofit Rilski", Blagoevgrad, Bulgaria

<sup>2</sup>Department of Anatomy and Physiology, Faculty of Public Health, Healthcare and Sports, South-West University "Neofit Rilski", Blagoevgrad, Bulgaria

<sup>3</sup>Department of Kinesitherapy, Faculty of Public Health, Medical University – Varna

### - CONTACT SENSITIZATION TO METALS AMONG DENTAL TECHNICIAN STUDENTS IN RELATION TO THE DURATION OF EDUCATIONAL EXPOSURE

Maya Lyapina¹, Todor Kundurjiev², Karolina Lyubomirova², Maya Vizeva¹, Atanas Stoimenov¹, Zaharina Savova¹

- 1) Medical College"lordanka Filaretova", Medical University, Sofia, Bulgaria,
- <sup>2)</sup> Department of Occupational Medicine, Faculty of Public Health, Medical University, Sofia, Bulgaria,

### - PREVENTION TOOLS IN THE AREA OF THE KNEE COMPLEX - TREATMENT AND PROPHYLAXIS Yani Shivachev, Stanislava Bogomilova

Training sector "Physical therapy", Department of Physiotherapy, rehabilitation, thalassotherapy, occupational diseases - Medical University of Varna

### - TOWARDS ACTIVATION OF THE EMPATHIC RESOURCES DURING TERMINAL CARE - AN ART AND/OR A NECESSITY?

Vanina Mihaylova<sup>1,2</sup>, Mariana Liochkova<sup>2</sup> Iliya Bivolarski<sup>3</sup>, Miglena Tarnovska<sup>2</sup>, Dimitar Shopov<sup>5</sup>, Adolf Alakidi<sup>6</sup>

Department of Physiotherapy, Faculty of Public Health, Medical University Sofia, Bulgaria

<sup>2</sup>Department of Healthcare Management, Faculty of Public Health, Medical University Plovdiv, Bulgaria

<sup>3</sup>Department of General and Clinical Pathology and Forensic Medicine, Medicine Faculty, Medical University, Plovdiv, Bulgaria

<sup>5</sup>Department of Social Medicine and Public Health, Faculty of Public Health, Medical University, Plovdiv, Bulgaria

<sup>6</sup>Department of Hygiene, Ecomedicine and Nutrition, Faculty of Medicine, Medical University of Sofia, Bulgaria

### - TOWARDS ACTIVATION OF THE EMPATHIC RESOURCES DURING TERMINAL CARE - AN ART AND/OR A NECESSITY?

Vanina Mihaylova1,2, Mariana Liochkova2 Iliya Bivolarski3, Miglena Tarnovska2, Dimitar Shopov5, Adolf Alakidi6

1Department of Physiotherapy, Faculty of Public Health, Medical University Sofia, Bulgaria

2Department of Healthcare Management, Faculty of Public Health, Medical University Plovdiv, Bulgaria 3Department of General and Clinical Pathology and Forensic Medicine, Medicine Faculty, Medical University, Plovdiv, Bulgaria

5Department of Social Medicine and Public Health, Faculty of Public Health, Medical University, Plovdiv, Bulgaria

6Department of Hygiene, Ecomedicine and Nutrition, Faculty of Medicine, Medical University of Sofia, Bulgaria

#### - IMMOBILIZATION AND CHANGES IN MUSCULOSKELETAL SYSTEM

Ana Nikolova, Gergana Nenova, Asen Baltov, Yani Shivachev, Ilyan Georgiev

Physiopilates Itd, Sofia; Training sector of Kinesitherapy, Faculty of public health, Medical University – Varna; National Institute "Pirogov"; Training sector of Kinesitherapy, Faculty of public health, Medical University – Varna; Aspetar Hospital, Doha, Qatar

# - EXAMINATION OF MORBIDITY WITH TEMPORARY DISABILITY AND INSTANTANEOUS DISEASE IN ASSOCIATION WITH THE CONDITIONS OF WORKING ENVIRONMENT AND WORKING PROCESS FOR RETROSPECTIVE PERIODS AT THE DIAGNOSTIC - CONSULTATION CENTERS IN VARNA. Lidiva Hristova.

Department of Occupational Medicine, Faculty of Public Health, Medical University- Sofia

- MODERN APPROACH AND MANAGE OF VERTIGO THERAPY AND TINITUS

Mario Milkov. Alexander Donchev

Medical University, Varna

#### - HOW TECHNOLOGY HELPS TO DIAGNOSIS IN AUDIOVESTIBULAR DISORDERS.

Mario Milkov, Alexander Donchev, J. Kostadinov

Medical University, Varna

#### Part II.: Social Circles, Integrated care and Management

#### - THE EUROPEAN POLICY FALSIFIED MEDICINES: NEW REGULATIONS FOR THE SUPPLY CHAIN

Alexander Valkov, Krasimira Valcheva

Department Public Administration, Faculty Management and Administration, University of National and World Economy

### - MIGRATION OF MEDICAL STAFF: INDIVIDUAL BENEFITS AND NATIONAL DEFICITS Evgenia Penkova, Zlatina Ivanova,

Department of Public Administration, Faculty of Management and Administration, University of National and World Economy, Sofia, Bulgaria

### - STUDY ON THE ASSOCIATION BETWEEN CERTAIN DEMOGRAPHIC INDEXES AND THE NUMBER OF CLINICAL TRIALS IN BULGARIA AND EU

Lylia Bogdanova,

Medical University, Fac. Pharmacy, Sofia

#### - CIVIL SOCIETY ACTORS IN HEALTHCARE: ROLE AND POTENTIAL IN BULGARIA

Denitsa Gorchilova

Department Public Administration, Faculty Management and Administration, University of National and World Economy, Sofia, Bulgaria

### - OBSTETRIC CENTRE FOR FAMILY COUNSELLING-AN OPPORTUNITY FOR AUTONOMOUS MIDWIFERY PRACTICE AND INTEGRATED MIDWIFERY CARE

Teodora Evtimova, Sonya Toncheva, Todorka Kostadinova

Medical University "Prof. Dr. Paraskev Stoyanov"-Varna, Shumen Affiliate

#### - MODELLING OF ALTERNATIVE SERVICES FOR CHILDREN WITH SPECIAL NEEDS

Tamara Tsvetkova, Teodora Evtimova

Medical University Varna, Shumen Affiliate, Department of Health Care

#### - THE MODEL OF CONTINUITY OF CARE-A PREREQUISITE FOR AUTONOMOUS MIDWIFERY CARE

Teodora Evtimova, Tamara Tsvetkova

Medical University Varna, Shumen Affiliate

### - MOBILE BLOOD DONATION SESSIONS TO REDUCE THE DEFICITS IN BLOOD DONORS IN SHUMEN DISTRICT

Milena Todorova,

Medical University Varna, Shumen Affiliate

### - CONSEQUENCES OF OCCUPATIONAL STRESS FOR HEALTHCARE PROFESSIONALS WORKING AT PSYCHIATRIC CLINICS

Radostina Zhecheva, Sonya Toncheva

Shumen Affiliate, Medical University Varna

### - CONCEPTUAL MODEL AND ALGORITHM FOR INTRODUCING INNOVATIVE PHARMACEUTICAL PRODUCTS ON THE MARKET IN BULGARIA

Silviya Angelova, Yulian Kostadinov, Zlatina Ivanova, Marina Jordanova

Medical University, Varna,

University of National and World Economy, Sofia, Bulgaria

### - OPPORTUNITIES FOR POSITIONING OF BULGARIA ON THE INTERNATIONAL MARKETS AS A FOUR SEASON DESTINATION FOR SPA WELLNESS AND HEALTH TOURISM, Siika Katzarova,

Todorka Kostadinova

Medical University, Varna,

Bulgarian Union of balneology and SPA Tourism

#### -DIDACTIC APPROACHES TO PRECLINICAL E-TESTING FOR MEDICAL STUDENTS

Ivan Merdzhanov, Ilina Doykova

Department of Foreign language teaching, communications and sport, Medical University of Varna

### - HOW GAMING HAVE BECOME A POSITIVE LEARNING METHOD IN THE FIELD OF HEALTH IN MODERN TIMES

Marina Jordanova, Todorka Kostadinova, Maria Doganova

Medical University of Varna,

Varna Free University

The Round-Table is open for all participants of the 29-th Assembly and they all are kindly invited to take an active part in the discussions with priority importance for the health-care system, national and international.

16:30-16:45 - coffee break

#### 14:00-16:00 - POSTER SESSIONS: MEDICINE, VARIA:

Chair: Gabriela Tzankova, Dora Peychinska, Aneta Dokova, Neli Ermenlieva

### MP -01\_CONTACT SENSITIZATION TO METHACRYLIC MONOMERS AMONG DENTAL TECHNICIAN STUDENTS IN RELATION TO DURATION OF EDUCATIONAL EXPOSURE

Maya Lyapina1, Todor Kundurjiev2, Karolina Lyubomirova2, Maya Vizeva1, Atanas Stoimenov1, Zaharina Savova1

- 1) Medical College"Iordanka Filaretova", Medical University, Sofia, Bulgaria,
- 2) Department of Occupational Medicine, Faculty of Public Health, Medical University, Sofia, Bulgaria,

### MP -02\_KINESITHERAPEUTIC GUIDELINES IN THE OPERATIVE TREATMENT OF IMPINGEMENT SYNDROME

Maria Vakrilova Becheva

Head Department of Nursing, Faculty of Public Health, Medical University – Plovdiv.

### MP -03\_INCIDENCE RATE OF CHILDREN ATTENDING CRECHES IN PLEVEN MUNICIPALITY: CAUSES AND TAKING REDUCTION MEASURES

Gergana Markova1 Gergana Petrova2

- 1) Department of Surgical nursing care, Faculty of Health Care, Medical University Pleven, Bulgaria.
- 2) Department of Nursing, Faculty of Public Health, Medical University of Ploydiy, Bulgaria.

#### MP -04\_THE ROLE OF THE CLINICAL PHARMACIST IN THE PREVENTION OF POTENTIAL DRUG-DRUG INTERACTIONS IN PATIENTS WITH CHRONIC HEART FAILURE

Kaloyan Georgiev1, Nadezhda Hvarchanova2, Marieta Georgieva2, Branimir Kanazirev3

1Department of Pharmaceutical technologies, Faculty of Pharmacy, Medical University of Varna, Bulgaria

2Department of Pharmacology, toxicology and pharmacotherapy, Faculty of Pharmacy,

Medical University of Varna, Bulgaria

3Department of Internal Medicine, UMHAT St. Marina, Faculty of Medicine, Medical University, Varna, Bulgaria

### MP -05\_DIANOSTIC CHALLENGE OF YOUNG WOMAN WITH COGNITIVE AND MOVEMENT DISORDERS

Stela Atanassova, Sevjan Osman, Kalina Drenska, Ivan Dimitrov, Ara Kaprelyan

Department of Neurology and Neuroscience, Sliven Affiliate, Medical University of Varna

#### MP -06\_CORTICOSTEROIDS - (UN)PREDICTABLE INDUCERS OF PSYCHIATRIC DISORDERS

Tatyana Telbizova, Mariana Arnaoudova

Department of psychiatry and medical psychology, Medical University-Varna, MHAT "St. Marina"-Varna MP -07\_INTRAVENOUS LIPID EMULSIONS - FROM FOOD TO ANTIDOTE

Gabriela Kehayova, Snezha Zlateva, Petko Marinov

Department of Pharmacology, Toxicology and Pharmacotherapy. Faculty of Pharmacy, Medical University, Varna, Bulgaria.

#### MP -08 OCULAR CICATRICIAL PEMPHIGOID - CASE REPORT

Snezhana Murgova, Chavdar Balabanov, Georgi Balchev

MU Pleven

#### MP -09\_CATARACT SURGERY IN PATIENT WITH WEGENER'S DISEASE

Snezhana Murgova, Georgi Balchev

MU Pleven

#### MP -10 BETTER HEALING PROCESS BY USING PROTOCOLS IN ICUs IN PLOVDIV, BULGARIA

Valentina Lalova, Gergana Petrova, Elena Merdzhanova

Medical University - Plovdiv, Faculty of Public Health, Department of Nursing

### MP -11\_THE OBSTETRIC AND MEDICO-LEGAL CHALLENGES OF RECENT, SIGNIFICANT DEMOGRAPHIC INCREASES IN A SOUTHERN MEDITERRANEAN ISLAND

Buttigieg George Gregory, Micallef Stafrace Kirill, Mihaylova Anna, Uchikova Ekaterina Obstetrics and Gynaecology, University of Malta.

ISports Medicine, Mater Dei Hospital, Malta, Faculty of Medicine and Surgery, University of Malta.

Medical College, Medical University of Plovdiv, Bulgaria

Department of Obstetrics and Gynaecology, Faculty of Medicine, Medical University of Plovdiv, Bulgaria University Hospital "St. George", Plovdiv Bulgaria

#### MP -12 INTRAVENOUS LIPID EMULSIONS - FROM FOOD TO ANTIDOTE

Gabriela Kehayova, Snezha Zlateva, Petko Marinov

Department of Pharmacology, Toxicology and Pharmacotherapy. Faculty of Pharmacy, Medical University, Varna. Bulgaria.

## MP -13\_IMPACT OF CARRIAGE OF 4G/5G PAI-1 AND GLYCOPROTEIN IIB/IIIA POLYMORPHISM ON DEVELOPMENT OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE IN PATIENT WITH PSORIASIS VULGARIS. CLINICAL CASE

Borislav Dimitrov1, Kalina Ilieva2, Dimitar Gospodinov 3, Regina Komsa-Penkova1

- 1 Department of Chemistry/Biochemistry University of Medicine, Pleven, Bulgaria
- 2 Department of Anatomy, Histology, Cytology and Biology University of Medicine, Pleven, Bulgaria
- 3 Department of Dermatology, Venerology and Allergology University of Medicine, Pleven, Bulgaria

### MP -14\_FACTORS AFFECTING QUALITY OF LIFE IN PATIENTS WITH CORONARY HEART DISEASE AND THE ROLE OF NURSES FOR PREVENTION

Marieta Todorova

Department of Nursing, Faculty of Public Health, Medical University - Plovdiv, Bulgaria

### MP -15\_CALRETININ IN THE DIAGNOSIS OF HIRSHPRUNG DISEASE AND INTESTINAL NEURONAL DYSPLASIA

Maria Magdalena Ignatova, Emiliq Kisiova, Dimitur Chonov, Dimitur Simov, Koni Ivanova, Maya Gulubova Department of Surgery, Medical Faculty, Trakia University, Stara Zagora

Departement of General and clinical pathology, Medical Faculty, Trakia University, Stara Zagora

### MP -16\_PENILE CARCINOMA. ANALYSIS OF THE MORBIDITY IN THE NORTHEASTERN REGION OF THE REPUBLIC OF BULGARIA.

Milena Nankova

Department of nursing care, Faculty of Public Health,

Medical University "Prof. Dr. Paraskev Stoyanov"

#### MP -17\_BIOACUSTIC DIAGNOSTIC METOD OF AUDITORY PROCESSING DISORDER IN CHILDREN

Neli Fialkovska, Nikoleta Ivanova, Tsonka Dimitrova

Department of Biology, Faculty of Pharmacy, Paraskev Stoyanov Medical University of Varna, Varna, Bulgaria

#### MP -18 DERMATOGLYPHIC ANALYSIS OF HYPOTHENAR TRAITS IN TWINS

Galina Yaneva, Tsonka Dimitrova, Ivan Maslarski, Dobri Ivanov

Department of Biology, Faculty of Pharmacy, Paraskev Stoyanov Medical University of Varna, Varna, Bulgaria

#### MP -19\_FINGER PAPILLARY TRAITS IN BULGARIAN FEMALE BREAST CANCER PATIENTS

Galina Yaneva, Nikoleta Ivanova, Dobri Ivanov

Department of Biology, Faculty of Pharmacy, Paraskev Stoyanov Medical University of Varna, Varna, Bulgaria

#### MP -20 EMG ACTIVITY IN RECTUS FEMORIS AFTER BONTA INJECTION

Gergana Gecheva-Fermendzhieva, Radko Radev

MC"Pavel banya"Ltd

### MP -21\_ANTIBACTERIAL AND ANTIFUNGAL ACTIVITIES OF ANTI-PERSPIRANT COSMETIC PRODUCTS

Neli Ermenlieva, Emilia Georgieva, Minko Milev

Medical University Varna

#### MP -22\_MICROBIOME AND ANTIBACTERIAL THERAPY

Neli Ermenlieva, Gabriela Tsankova, Tatina Todorova

Medical University Varna

### MP -23\_DIGITAL EPIDEMIOLOGY - INTERNET BASED DATA AS POWERFUL TOOL FOR TRACKING OF INFECTIOUS DISEASE DYNAMICS.

Tatina Todorova, Neli Ermenlieva, Gabriela Tsankova

Medical University Varna

#### MP -24\_INFLUENCE OF AN INHIBITOR OF JNK ON THE SECRETION OF THE INFLAMMASOME-DEPENDENT PROINFLAMMATORY CYTOKINES.

Boncho Grigorov, Spaska Stanilova, Magdalena Platikanova, Zlatka Dobreva

Department of Molecular Biology, Immunology and Medical Genetics, Medical Faculty, Trakia University, Bulgaria

### MP -25\_MORPHOLOGICAL CHANGES IN THE PROPRIOCEPTORS OF HUMAN ANTERIOR CRUCIATE LIGAMENT DURING DEGENERATIVE OSTEOARTHRITIS

Iskren Gerasimov, Stefan Trifonov, Desislava Marinova, Aleksandar Todorov, Iliyana Vacheva, Savelina Popovska, Asparuh Asparuhov, Ivan Ivanov

Department of Anatomy, Cytology, Histology and Biology

Department of Orthopaedics and Trauma

Department of Pathology

### MP -26\_CLINICAL AND PATHOLOGICAL FEATURES OF COLONIC ILEUS FROM OBSTRUCTIVE COLORECTAL CANCER. ACTUAL CHARACTERISTICS.

Konstantin Kostov

Department of General, Visceral and Emergency Surgery, UMHATEM "N. I. Pirogov" – Sofia, Bulgaria MP -27\_THE RADIOACTIVITY AND MICROBIOLOGICAL EVALUATION OF MUSSELS (MYTILUS GALLOPROVINCIALIS LAM.) AND ALGAE USED AS A BIO-INDICATOR SPECIES IN THE ECOLOGICAL MONITORING OF THE BULGARIAN BLACK SEA WATERS

<u>Sevginar Ibryamova</u>, N. Arhangelova, T. Koynova, D. Dimitrov, Zh. Dimitrova, R. Ivanov,K. Kalchev, N. Chipev, N. Natchev, Ts. Ignatova-Ivanova

Faculty of Natural Sciences, University of Shumen

### MP -28\_ERGOSTEROLS – PERSPECTIVES IN THE PREVENTION AND TREATMENT OF CHRONIC DISEASES

Gergana Sandeva1, Rositsa Sandeva2, Vanya Slavova3, Veselina Petrova-Tacheva4

1Department of Hygiene, Epidemiology and Infectious Diseases, Medical Faculty, Trakia University

2Department of Physiology, Pathophysiology and Pharmacology, Medical Faculty, Trakia University

3Department of Neurology, Psychiatry and Disaster Medicine, Medical Faculty, Trakia University

4Department of Molecular Biology, Immunology and Medical Genetics, Medical Faculty, Trakia University

MP -29\_CRYPTOSPORIDIOSIS IN CHILDREN – CLINICAL FORMS AND CLINICAL CASES

Kalina Stoyanova

Department of Infectious Diseases, Parasitology and Dermatovenerology, Faculty of Medicine, Medical University "Prof. Dr. Paraskev Stoyanov" – Varna, Varna, Bulgaria

### MP -30\_A COMPARISON OF 3D-CRT AND VMAT IN THE TREATMENT PLANNING OF PATIENTS WITH ENDOMETRIAL AND CERVICAL CANCER

Seniha Salim

Konstantin Preslavsky University of Shumen, Faculty of Natural Sciences, Department of Physics and astronomy

### MP -31\_EQUIVALENCE TESTING OF TWO IRBESARTAN/HYDROCHLOROTHIAZIDE CONTAINING DRUG PRODUCTS (TABLETS) USING PHARMACOKINETIC ENDPOINTS

Andrey Petrov; Emil Gatchev

Medical University of Sofia, Medical Faculty, Department of Clinical pharmacology and therapeutics, UMHAT "Tsaritsa Yoanna – ISUL"

### MP -32\_IL-18 PROMOTER POLYMORPHISM AND IL-18 SERUM LEVELS IN ASSOCIATION WITH RELAPSING-REMITTING MULTIPLE SCLEROSIS

Boncho Grigorov, Anastasiya Trenova, Georgi Slavov, Antonia Grigorova, Spaska Stanilova Department of Molecular Biology, Immunology and Medical Genetics, Medical Faculty, Trakia University, Bulgaria

### MP -33\_CONFLICT MANAGEMENT STYLE IN THE WORK OF MEDICAL SPECIALISTS IN HOSPITALS Ekaterina L. Raykova, Maria A. Semerdjieva, Biyanka L. Tornyova

Department of Healthcare Management, Faculty of Public Health, Medical University, Plovdiv

#### MP -34\_NUTRITION AS A BONES HEALTH FACTOR WITH SIGNIFICANT INFLUENCE

Rositsa Chamova1, Teodora Dimitrova1, Eva Hristova2

1.Medical University – Varna, Faculty of Public Health, Department of Hygiene and Epidemiology
2.Medical University – Varna, Faculty of Medicine, Department of General Medicine and Clinical Laboratory
MP -35\_ASSESSMENT OF THE VITAMIN D STATUS AND THE CALCIUM-PHOSPHORUS
METABOLISM IN POSTMENOPAUSAL WOMEN WITH OSTEOPOROSIS.

Tatyana Simeonova, Krasimira Stefanova, Ivelina Himcheva, Pavlina Laleva, Boryana Ruseva, Aneliya Dimitrova

Department of Physiology, Medical University-Pleven; Diagnostic Consulting Center II -Pleven; Department of Physiology, Medical University-Pleven; Department of Physiology, Medical University-Pleven; Department of Pathological Physiology, Medical University-Pleven

#### MP -36 LUCAS - MACHINE THAT SAVES LIVES

Asen Asenov, Ivelin Koev

Hadassah Hospital , Jerusalem, Israel

#### MP -37\_DOCTORS' ATTITUDE TO MEDICAL ABORTION IN BULGARIA

1Dimitar Marinov 1Petko Salchev 1,2Evgeni Grigorov

1National Center of Public Health and Analyses, Sofia

2Faculty of Pharmacy, Medical University-Varna

#### MP -38\_DERMATOGLYPHIC METHODOLOGY FOR ESTABLISHING ZYGOSITY IN THE TWINS.

Ivan Ilkov Maslarski

Department of Anayomy, histology, pathology and forensic medicine – Medical Faculty at the University of Sofia, Bulgaria.

### MP -39\_THE INFLUENCE OF THE OSSIFICATION CENTERS INTO THE APPEARANCE OF WORMIAN BONES AND SUTURES

Ivan Ilkov Maslarski1, Galina Yaneva2

1Department of Anayomy, histology, pathology and forensic medicine – Medical Faculty at the University of Sofia, Bulgaria.

2 Department of Biology, Faculty of Pharmacy, Paraskev Stoyanowv Medical University of Varna, Varna, Bulgaria

### MP -40\_MOBILE BLOOD DONATION SESSIONS TO REDUCE THE DEFICITS IN BLOOD DONORS IN SHUMEN DISTRICT

Milena Todorova

Department of Health Care, Medical University "Prof. Dr. Paraskev Stoyanov"-Varna

### MP -41\_CONSEQUENCES OF OCCUPATIONAL STRESS FOR HEALTHCARE PROFESSIONALS WORKING AT PSYCHIATRIC CLINICS

Radostina Zhecheva

Department of Health Care, Shumen Affiliate, Medical University "Prof. Dr. Paraskev Stoyanov"-Varna MP -42\_FOLLOW-UP OF CARDIOVASCULAR STATUS AND LEVELS OF NT-PROBNP IN PATIENT WITH TYPE 2 DIABETES AND HEART FAILURE WITH PRESERVED EJECTION FRACTION IN TREATMENT WITH EMPAGLIFLOSIN.

Kanazirev B, Dinkov A, Hristozov K, Zlateva V, Bocheva Y.

The Prophetics of Internal Diseases, Medicine, Medical University-Varna

### MP -44\_PSYCHOTROPIC MEDICATIONS IN NORTH-EASTERN BULGARIA: A CONTEMPORARY ANALYTICAL TOXICOLOGY PROFILE

Georgi Bonchev, Ivelina Stefanova, Snezha Zlateva, Petko Marinov

Naval Hospital - Varna, Military Medical Academy, Bulgaria

### MP -45\_APPLICATION OF INTRALIPID EMULSION IN TREATMENT OF ACUTE INTOXICATION CAUSED BY VALPROATE POLYPHARMACY OVERDOSAGE

Snezha Zlateva, Petko Marinov, Georgi Bonchev, Ivelina Stefanova

Naval Hospital - Varna, Military Medical Academy, Bulgaria

### MP -46\_COMPARATIVE IMMUNOHISTOCHEMICAL EXPRESSION OF ESTROGEN AND E-CADHERIN IN ENDOMETRIAL CARCINOMAS AND ENDOMETRIOSIS

Denitsa Serteva, Elena Poryazova, Daniel Markov, Adolf Alakidi

Department of General and Clinical pathology, Faculty of Medicine, Medical University-Plovdiv, Bulgaria Department of Hygiene, Ecomedicine and Nutrition, Faculty of Medicine, Medical University of Sofia, Bulgaria

#### MP -47 VITAMIN D STATUS AND DIETARY HABITS OF CHILDREN WITH AIS IN VARNA

Dimitar Marinov, Darina Hristova, Teodora Dimitrova

MU Varna

### MP -48\_UNEVEN REVERSE REMODELING OF FUNCTION AND STRUCTURE IN TAVI PATIENTS 12 MONTHS POST IMPLANTATION

Dobrin Kalchev

MU-Varna, UMHAT St. Marina, Varna, First Clinic of Cardiology with ICU

#### MP -49 BIOLOGICAL EFFECTS OF VITAMIN K2

Elena Marinova, Branimir Kanazirev, Mila Boyadjieva, L.Stoyanova

Medical University of Varna, University hospital "St.Marina" Varna

#### MP -50 ASSESSMENT OF EATING ATTITUDES IN ADOLESCENT GIRLS FROM VARNA

Elena Pencheva1, Darina Naydenoval, Teodora Dimitrova1

1.Department of Hygiene and Epidemiology, Faculty of Public Health, Medical university of Varna 2.Department of Organization and Economics of Pharmacy, Faculty of Pharmacy, Medical university of Varna

#### MP -51\_TRIAGE SIGNIFICANCE IN CBRN INCIDENTS

Elena Valkanova, Rostislav Kostadinov

Epidemiology and Disaster Medicine Department, Faculty of Public Health, Medical University of Plovdiv

### MP -52\_ SUBENDOCARDIAL VIABILITY RATIO IN PATIENTS WITH LEFT VENTRICULAR HYPERTROPHY

Vesela Georgieva, Anna Tolekova, Georgi Krustev

Trakian University

### MP -53\_NON-INVASIVE ASSESSMENT OF MEAN AORTIC PRESSURE AND ITS RELATIONSHIP TO OTHER HAEMODYNAMIC PARAMETERS

Georgi Krustev, Ivona Nedevska, Vesela Georgieva, Petq Hadzibodzeva

Trakian University

### MP -54\_DYNAMICS OF TOXIC CEREBRAL SYNDROME AND ITS IMPACT ON EFFECTIVE COMMUNICATION WITH INTOXICATED PATIENTS

Marieta Yovcheva, Snezha Zlateva

Clinic of Intensive Treatment of Acute Intoxications and Toxicoallergies,

Military Medical Academy - Naval Hospital - Varna

### MP -55\_CHARACTERIZATION OF PATIENTS WITH DIFFERENT INTOXICATIONS IN REGARD TO POSSIBILITY FOR EFFECTIVE COMMUNICATION

Marieta Yovcheva, Snezha Zlateva, Petko Marinov, Georgi Bonchev, Ekaterina Borisova

Clinic of Intensive Treatment of Acute Intoxications and Toxicoallergies.

Laboratory of Toxicology Investigations

Psychiatry Consulting Office

Military Medical Academy - Naval Hospital -Varna

#### MP -56 MEDICAL INTELLIGENCE AND DISASTER RESILIENCE

Mariya Georgieva, Rostislav Kostadinov

Epidemiology and Disaster Medicine Department, Faculty of Public Health, Medical University of Plovdiv

#### MP -57 CLINICOPATHOLOGICAL CONFERENCES - A CORNERSTONE IN MEDICAL EDUCATION

Iliya Bivolarski 1,2, Elena Poryazova 1,2, Marin Baltov 3, Vanina Mihaylova 4,5, Adolf Alakidi 6

- 1-Department of General and Clinical Pathology, Faculty of Medicine, Medical University, Plovdiv; Bulgaria
- 2-Department of Clinical Pathology, UMHAT 'Pulmed', Plovdiv; Bulgaria
- 3-Department of Forensic Medicine and Deontology, Faculty of Medicine, Medical University, Plovdiv; Bulgaria
- 4-Department of Preventive Medicine, Faculty of Public Health Medical University, Sofia; Bulgaria
- 5-Department of Health Care Management, Faculty of Public Health, Medical University, Plovdiv; Bulgaria
- 6-Department of Hygiene, Ecomedicine and Nutrition, Faculty of Medicine, Medical University of Sofia, Bulgaria

### MP-58\_THE FORBIDDEN FRUIT – HEAVEN OR HELL FOR THE INTESTINES?(OBSTRUCTIVE ILEUS WITH PHYTOBEZOARS FROM PERSIMMON)

Iliya Bivolarski 1,2, Dimitar Ermov 3, Nasko Vangelov 3, Georgi Karamfilov 3, Adolf Alakidi 4.

- 1-Department of General and Clinical Pathology, Faculty of Medicine, Medical University of Plovdiv; Bulgaria
- 2-Department of Clinical Pathology, MHAT "Svilengrad"; Town of Svilengrad, Bulgaria
- 3-Surgical Department, MHAT "Svilengrad"; Town of Svilengrad, Bulgaria
- 4-Department of Hygiene, Ecomedicine and Nutrition, Faculty of Medicine, Medical University of Sofia, Bulgaria

### MP -59\_OBSTETRIC CENTRE FOR FAMILY COUNSELLING-AN OPPORTUNITY FOR AUTONOMOUS MIDWIFERY PRACTICE AND INTEGRATED MIDWIFERY CARE

Teodora Evtimova, Sonya Toncheva, Todorka Kostadinova

Department of Health Care, Medical University "Prof. Dr. Paraskev Stoyanov"-Varna

### MP -60\_THE MODEL OF CONTINUITY OF CARE-A PREREQUISITE FOR AUTONOMOUS MIDWIFERY CARE

Teodora Evtimova, Tamara Tsvetkova

Department of Health Care, Medical University "Prof. Dr. Paraskev Stoyanov"-Varna

#### MP -61\_ANXIETY AND DEPRESSION CORRELATION WITH BIOMARKERS OF HEART FAILURE

Zlateva V., Kanaziver B., Tonkova D., Nikolaeva S., Vetkova M.

Medical University Varna, Department of propedeutics of internal diseases

### MP -62\_SERUM LEVELS OF ADENOSINE DEAMINASE IN PATIENTS WITH INFLAMMATORY BOWEL DISEASE (IBD) ACTIVITY

Mariana Yordanova, Daniela Ivanova Gerova, Antoniya Atanasova2

1Department of general medicine and clinical laboratory, 2Department of Anatomy and Cell Biology, Faculty of Medicine

### MP -63\_EPIDEMIOLOGY OF ACUTE ALCOHOL INTOXICATIONS AMONG ADOLESCENTS (10-18 YEARS) FOR THE PERIOD 2015-2017 IN VARNA AND A PARENTAL BEHAVIOR STUDY

Snezha Zlateva, Petko Marinov, Georgi Bonchev, Ivelina Stefanova, Ivaylo Vazharov

Naval Hospital - Varna, Military Medical Academy, Bulgaria

#### MP -64\_REAL PRACTICE: FALSE POSITIVE IMMUNOTEST RESULTS FOR SOME ILLICITE DRUGS

Georgi Bonchev, Ivelina Stefanova, Snezha Zlateva, Petko Marinov, Ivaylo Vazharov

Naval Hospital - Varna, Military Medical Academy, Bulgaria

#### MP -65\_PROFESSIONAL STATUS OF MEN IN NURSING

Tanya Paskaleva1, Biyanka Torniyova2, Dimitar Shopov3

- 1. Department of Healthcare, Branch of Haskovo, Trakia University
- 2. Department of Healthcare Management, Faculty of Public Health, Medical University Plovdiv
- 3.Department of Social Medicine and Public Health, Medical University Plovdiv

### MP -66\_HOSPITALIZATIONS BECAUSE OF CARDIOVASCULAR DISEASES IN THE ELDERLY - PROBLEMS AND CHALLENGES

Frederik Grigorov

MC, Medical University-Pleven; Clinic of Cardiology, UMHAT-Pleven

### MP -67\_AGING, SOCIAL DEPRIVATION AND PROGNOSTIC FACTORS IN HOSPITALIZED PATIENTS BECAUSE OF DECOMPENSATED HEART FAILURE

Frederik Grigorov

MC, Medical University-Pleven; Clinic of Cardiology, UMHAT-Pleven

#### MP -68\_THE DIFFERENT FACES OF MUGWORT ALLERGY - A CASE REPORT

Tatyana Grigorova

Medical Institute at the Minisry of the Interior

### MP -69\_SOURCES OF INFORMATION AND THEIR INFLUENCE ON PARENTAL ATTITUDES TOWARDS VACCINATION

Stanislava Hadzhieva, Rouzha Pancheva, Natalia Usheva, Conko Paunov

Faculty of Public health, Hygiene and epidemiology department

#### MP -70 COMPUTER VISION SYNDROME: REVIEW AND METHODS FOR ASSESSMENT

Panayot Nikolov

Department of Hygiene and epidemiology, Faculty of Public Health,

Medical University Varna

#### MP -71-BENEFITS OF MARKET ENTRY OF GENERIC MEDICINAL PRODUCTS

Jivko Kolev1, Evgeni Grigorov1, Galina Petrova1, Todorka Kostadinova2

1Faculty of Pharmacy, Department of Organization and Economics of Pharmacy, Medical University "Prof. Dr. Paraskev Stoyanov" Varna

2Faculty of Public Health, Department of Economics and Health Care Management, Medical University "Prof. Dr. Paraskev Stoyanov" Varna

### MP -72\_CHALLENGES IN INTERACTION BETWEEN ADULTS WITH COMMUNICATION DISORDERS AND HEALTH CARE PROFESSIONALS

Anna Andreeva, Ekaterina Mitova, Miglena Simonska, Radostina Kostova

Department of Logopedics, Faculty of Public Health, Health Care and Sport, South-West University "Neofit Rilski"

### MP -73 UNMET MEDICAL NEEDS IN HIGH-RISK CARDIOVASCULAR PATIENTS WITH FAMILIAL HYPERCHOLESTEROLEMIA

Svetoslav Tsenov1, Evgeni Grigorov2, Tsvetelina Stefanova3

1National Center of Public Health and Analysis, Sofia, Bulgaria

2Department of Organization and economics of pharmacy, Faculty of Pharmacy, Medical University-Varna, Bulgaria

3Student, Faculty of Pharmacy, Medical University-Varna, Bulgaria

### MP -74\_NUTRITIONAL COMPOSITION, BIOACTIVE COMPOUNDS AND HEALTH-BENEFICIAL PROPERTIES OF BLACK SEA SHELLFISH

Veselina Panayotova\*1, Albena Merdzhanova1, Diana Dobreva1, Kameliya Bratoeva2

1Department of Chemistry, Faculty of Pharmacy, Medical University - Varna

2Department of Physiology and Pathophysiology, Faculty of Medicine, Medical University - Varna

### MP -75\_CHANGES IN HEPATIC FATTY ACID COMPOSITION IN EXPERIMENTAL NONALCOHOLIC FATTY LIVER AND S-ADENOSYL METHIONINE INTAKE

Veselina Panayotova1, Emran Lyutfi2, Diyana Kyuchukova3, Albena Merdzhanova1, Kameliya Bratoeva3 1Department of Chemistry, Faculty of Pharmacy, Medical University, Varna, Bulgaria

2Student, Faculty of Medicine, Medical University of Varna, Bulgaria

3Department of Physiology and Pathophysiology, Division of Pathophysiology, Faculty of Medicine, Medical University of Varna, Bulgaria

#### MP -76\_LIPID PROFILE OF CHLORELLA VULGARIS POWDER FROM THE BULGARIAN MARKET

Veselina Panayotova1, Albena Merdzhanova1, Diana A. Dobreva1, Dilyana Dimova1, Lubomir Makedonski1 1Department of Chemistry, Faculty of Pharmacy, Medical University, Varna, Bulgaria

2Student, Faculty of Medicine, Medical University of Varna, Bulgaria

3Department of Physiology and Pathophysiology, Division of Pathophysiology, Faculty of Medicine, Medical University of Varna, Bulgaria

### MP -77\_ANTHROPOGENIC DISASTERS ON BULGARIAN TERRITORY: CHEMICAL ACCIDENTS ON LAND AND SEA

Maria Panteleeva1, Iglika Marinova1, Rositsa Chamova2, Nikolina Radeva1, Hristianna Romanova1, M. Marinov3

1Department of Disaster Medicine and Marine Medicine, Medical University Varna

2Department of Hygiene and Epidemiology, Medical University Varna

3Department of Physiology and Pathophysiology, Medical University "Prof. Dr. P. Stoyanov "- Varna

#### MP -78\_BIOTERRORISM, BIOTHREAT, INFECTIOUS RISK MANAGEMENT

Iglika Marinova1, Maria Panteleeva1, M. Marinov2, Nikolina Radeva1, Hristianna Romanova1

1Department of Disaster Medicine and Marine Medicine, Medical University "Prof. Dr. P. Stoyanov "- Varna 2Department of Physiology and Pathophysiology, Medical University "Prof. Dr. P. Stoyanov "- Varna

### MP-79\_UNMET MEDICĂL NEEDS IN HIGH-RISK CARDIOVASCULAR PATIENTS WITH FAMILIAL HYPERCHOLESTEROLEMIA

Svetoslav Tsenov1, Evgeni Grigorov2, Tsvetelina Stefanova3

1National Center of Public Health and Analysis, Sofia, Bulgaria

2Department of Organization and economics of pharmacy, Faculty of Pharmacy, Medical University-Varna, Bulgaria

3Student, Faculty of Pharmacy, Medical University-Varna, Bulgaria

## MP -80\_POSSIBLE EFFECT OF LIPID EXTRACTS OF SOME BLACK SEA MOLLUSCS ON MICROBIOLOGICAL CULTURES OF *STAPHYLOCOCCUS AUREUS*, *ESCHERICHIA COLI* AND *CANDIDA ALBICANS*.

Gabriela Tsankova, Tatina Todorova, Neli Ermenlieva

Medical University - Varna

#### MP -81\_THE EPIDEMIOLOGICAL ANALYSIS OF SCARLET FEVER IN VARNA REGION FOR 2008-2017

Elyana P. Ivanova, Gabriela St. Tsankova, Tatina T. Todorova, Neli M. Ermenlieva

Medical University - Varna

#### MP -82 THE ROLE OF HEME OXYGENASE IN METABOLIC SYNDROME

Dariva Chivchibashi, Ganka Bekvarova

Medical University of Varna, Department of Physiology and Pathophysiology

### MP -83\_AUGMENTATIVE AND ALTERNATIVE COMMUNICATION USE: PROFESSIONALS' PERCEPTIONS OF BARRIERS

Ekaterina Mitova, Anna Andreeva, Elka Goranova, Lilia Yancheva-Velinova

Department of Logopedics, Faculty of Public Health, Health Care and Sport, South-West University "Neofit Rilski"

### MP -84\_ANALYSIS OF ADOLESCENTS' (11 – 14 YEARS OLD) SOMATOTYPE IN PLOVDIV, BULGARIA

Elena Merdzhanova, Gergana Petrova, Valentina Lalova

Medical University of Plovdiv, Faculty of Public Health, Department of Nursing

#### MP -85\_MODELLING OF ALTERNATIVE SERVICES FOR CHILDREN WITH SPECIAL NEEDS

Tamara Tsvetkova, Teodora Evtimova

Medical University "prof. Dr. Paraskev Stoyanov" Varna, Shumen Affiliate, Department of Health Care

#### MP -86\_ASSESSMENT OF EATING ATTITUDES IN ADOLESCENT GIRLS FROM VARNA

Elena Pencheva1, Darina Naydenoval, Teodora Dimitrova1

- 1. Department of Hygiene and Epidemiology, Faculty of Public Health, Medical university of Varna
- 2. Department of Organization and Economics of Pharmacy, Faculty of Pharmacy, Medical university of Varna

#### MP -87 STUDY OF CIVIL PROTECTION READINESS IN CASE OF DISASTERS

Vanya Slavova<sup>1</sup>, Veselin Ivanov<sup>1</sup>, Polina Taleva<sup>2</sup>, Veselina Petrova-Tacheva<sup>3</sup>

- <sup>1</sup>Department "Neurology, Psychiatry and Disaster medicine", Faculty of Medicine, Trakia University, Stara Zagora, Bulgaria
- <sup>2</sup> Department "Surgery, Neurosurgery, Urology and Anesthesiology", Faculty of Medicine, Trakia University, Stara Zagora, Bulgaria
- <sup>3</sup> Department "Molecular Biology, Immunology and Medical Genetics", Faculty of Medicine, Trakia University, Stara Zagora, Bulgaria

### MP -88\_ROLE OF FFR AND DOBUTAMINE STRESS TEST ASSESSED WITH SPECLE TRACKING IN TRETMAN OF BORDERLINE STENOSIS IN STABLE ANGINA

Darko Simonov. Anna Tolekova.

Department of Physiology, Pathophysiology and Pharmacology, Faculty of Medicine, Trakia University- Stara Zagora, Bulgaria

### MP -89\_ RESEARCH ON THE RELATIONSHIP BETWEEN SOME DEMOGRAPHIC INDICATORS AND NUMBER OF CLINICAL TRIALS IN BULGARIA AND EEA

Liliya Bogdanova, Evgeni Grigorov

National Center of public health and analysis

#### **11 May 2019** /saturday/

#### 14:00-16:00 - POSTER SESSIONS: DENTAL MEDICINE:

Chair: Polina Velcheva, Ivan Gerdzhikov

### DP-1\_MODIFIED CORONALLY ADVANCED FLAP APPROACH FOR THE TREATMENT OF MULTIPLE RECESSION DEFECTS IN CASES WITH INTERDENTAL TISSUE LOSS.

Kamen Kotsilkov

Department of Periodontology, Faculty of Dental Medicine, Medical University - Sofia

### DP-2\_MODIFIED SINGLE ROLL FLAP APPROACH FOR SIMULTANEOUS IMPLANT PLACEMENT AND RECESSION COVERAGE

Kamen Kotsilkov

Department of Periodontology, Faculty of Dental Medicine, Medical University - Sofia

#### DP-3 PROSTHETIC TREATMENT WITH SILICONE BUCCAL FLANGE OBTURATOR

Ivan Gerdzhikov

Department of Prosthetic dentistry, Faculty of Dental Medicine, Medical University of Sofia

### DP-4\_COMBINED PROSTHETIC TREATMENT WITH OBTURATOR AND FACIAL PROSTHESIS Ivan Gerdzhikov

Department of Prosthetic dentistry, Faculty of Dental Medicine, Medical University of Sofia

### DP-5\_PROSTHETIC TREATMENT IN EDENTULOUS PATIENT WITH HARD PALATE RESECTION Ivan Gerdzhikov

Department of Prosthetic dentistry, Faculty of Dental Medicine, Medical University of Sofia

### DP-6\_COMPARATIVE EVALUATION OF THE IMPACT OF OPTICAL MAGNIFICATION ON THE PREPARATION FOR VENEERS.

Aleksandra Pecheva1, Lyubomir Vangelov1, SnezhanaTsanova1, Ralitsa Raycheva2

1Department of operative dentistry and endodontics, Faculty of dental medicine, Medical University of Plovdiv; 2Department of Social medicine and public health, Faculty of public health, Medical university of Plovdiv

### DP-7\_SEX HORMONES IN THE SALIVA AND PERIODONTAL HEALTH OF CHILDREN IN PUBERTY Nadezhda Mitova, Maya Rashkova

Department of Pediatric Dentistry, Faculty of Dental Medicine, Medical University-Sofia

### DP-8\_STUDYING SUBGINGIVAL MICROORGANISMS IN CHILDREN WITH GINGIVITIS IN PUBERTY Nadezhda Mitova, Maya Rashkova, Christina Popova

Department of Pediatric Dentistry, Faculty of Dental Medicine, Medical University-Sofia

Department of Periodontology, Faculty of Dental Medicine, Medical University-Sofia

#### DP-9 GINGIVAL RECESSIONS WITH HYPERSENSITIVITY - RECENT TRENDS IN MANAGEMENT

Denislav Emilov, Elitsa Deliverska, Natali Tomeva, Stoyan Kazakov, Maria Edreva

Department of periodontology, Department of Oral and maxillofacial surgery, FDM, MU-Sofia

#### DP-10\_TRAUMATIC BONE CYST OF THE MANDIBLE: CASE REPORT

Elitsa Deliverska, Latchezar Stefanov, Natali Tomeva, Dimitar Yovchev, Maria Edreva, Stoyan Kazakov Department of Oral and maxillofacial surgery, Department of Maxillofacial Radiology and Oral Imaging Diagnostics, FDM, MU-Sofia

#### DP-11\_HEMANGIOLYMPHANGIOMA OF THE MANDIBLE: CASE REPORT

Elitsa Deliverska, Latchezar Stefanov, Natali Tomeva, Dimitar Yovchev, Plamen Hadjiiski, Stoyan Kazakov Department of Oral and maxillofacial surgery, Department of Maxillofacial Radiology and Oral Imaging Diagnostics, FDM, MU- Sofia

#### DP-12 PRIMARY EXTRANODAL NON- HODGKIN'S LYMPHOMA INVOLVING RIGHT MAXILLA

Elitsa Deliverska, Latchezar Stefanov, Evgenii Hadjiev, G. Tsvetkova, E. Bekirova, Natali Tomeva, Stoyan Kazakov, Maria Edreva

Department of Oral and maxillofacial surgery, FDM, MU- Sofia, Department of hematology, Alexandrovska hospital- Sofia

### DP-13\_MONITORING OF VITAL SIGNS AND HEMODYNAMIC CHANGES IN PATIENTS UNDERGOING TOOTH EXTRACTION AND THIRD MOLAR SURGERY

Natali Tomeva, Elitsa Deliverska, Maria Edreva

Department of Dental, Oral and Maxillofacial surgery, FDM, MU- Sofia

### DP-14\_PROLIFERATIVE PERIOSTITIS IN PATIENT WITH ANTIRESORPTIVE INDUCED OSTEONECROSIS OF THE JAWS – A CASE REPORT

Stoyan Kazakov, Elitsa Deliverska, Natali Tomeva, Latchezar Stefanov, Maria Edreva,

Department of Oral and Maxillofacial surgery, FDM- MU-Sofia

#### DP-15\_3D IMAGING IN ENDODONTICS - ADVANTAGES AND LIMITATIONS. A REVIEW.

Slavena Svetlozarova, Tsvetelina Borisova-Papancheva, Georgi Papanchev

Faculty of Dental Medicine, Medical University of Varna, Bulgaria

### DP-16\_INTRACAVITY TOOTH BLEACHING IN THE AESTHETIC ZONE OF MAXILLA USING CARBAMIDE PEROXIDE GEL

Irena Georgieva

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

### DP-17\_CORONALLY ADVANCED FLAP TECHNIQUE FOR ROOT COVERAGE IN THE AESTHETIC ZONE OF MAXILLA

Irena Georgieva

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

### DP-18\_EFFECTIVENESS OF PRIMARY INTRAOSSEOUS ANESTHESIA IN ENDODONTIC TREATMENT OF MANDIBULAR MOLARS WITH IRREVERSIBLE PULPITIS

Emiliya Simeonova, Snezhana Canova, Plamen Zagorchev

Department of Operative Dentistry and Endodontics, Faculty of Dental Medicine, Medical University – Plovdiv

Department of Medical Physics and Biophysics, Faculty of Pharmacy, Medical University – Plovdiv

### DP-19\_INVESTIGATION OF CAVITY PREPARATION FOR INDIRECT TOOTH-COLOURED RESTORATIONS

Janet Kirilova1 Viktoria Petrova1 Desislava Yovkova2

1)Department of Conservative Dentistry, Faculty of Dental Medicine, Medical University, Sofia, Bulgaria 2)Department of Prosthetic Dentistry, Faculty of Dental Medicine, Medical University, Sofia, Bulgaria

## DP-20\_VITAMIN D, OSTEOCALCIN AND C-TERMINAL TELOPEPTIDE OF MATURE TYPE 1 COLLAGEN (CTX) IN PATIENTS WITH AND WITHOUT MEDICATION RELATED OSTEONECROSIS OF THE JAW

Hristian Kanazirev, Tsvetan Tonchev, Nikolay Tsonev, Eleonora Dimitrova, Daniela Gerova Clinic of Maxillofacial Surgery\*, Clinic of Oncology\*\*, Clinical Laboratory\*\*\* at Varna University Hospital St. Marina, Bulgaria

### DP-21\_HEALING OF CHRONIC APICAL PERIODONTITIS USING NOVEL BIOCERAMIC SEALER BIOROOT RCS

Kostadin Zhekov, Vesela Stefanova

Department of Operative Dentistry and Endodontics, Faculty of Dental Medicine, Medical University - Plovdiv DP-23\_ROLE OF PARENTS' HEALTH LITERACY FOR THE DEVELOPMENT OF DENTAL CARIES IN CHILDREN

Nikolay Stanev1, Liliya Doichinova2, Radosveta Andreeva-Borisova1

1)Department of Pediatric Dental Medicine, Faculty of Dental Medicine, Medical University-Varna

2) Department of Pediatric Dental Medicine, Faculty of Dental Medicine, Medical University-Sofia

### DP-24\_COMPARISON OF INDIRECT TOOTH-COLOURED RESTORATIONS- CLINICAL INVESTIGATION

Viktoria Petrova, Janet Kirilova

Department of Conservative Dentistry, Faculty of Dental Medicine, Medical University, Sofia, Bulgaria DP-25\_DENTISTS' AWARENESS OF WHITE SPOT LESIONS DURING TREATMENT WITH FIXED ORTHODONTIC APPLIANCES

Elena Dimova1, Liliya Doichinova2, Radosveta Andreeva-Borisova1

1)Department Of Pediatric Dental Medicine, Faculty Of Dental Medicine, Medical University-Varna 2)Department Of Pediatric Dental Medicine, Faculty Of Dental Medicine, Medical University-Sofia

### DP-26\_CARBOHYDRATES INTAKE AND PREVALENCE OF DENTAL CARIES IN CHILDREN AGED 6 TO 12 YEARS: A PRELIMINARY STUDY

Liliya Doichinova1, Maria Nikolova2, Dimitar Hristov2

1) Department of Pediatric Dental Medicine, Faculty of Dental Medicine, Medical University-Sofia

2) Department of Hygiene, Medical Ecology and Nutrition, Medical Faculty Medical University-Sofia

### DP-27\_ASSESSMENT OF RISK FACTORS FOR DEVELOPMENT OF CARIES IN ADULTS: A PRELIMINARY STUDY

Liliya Doichinova1, Dimitar Kirov2, Snezhanka Topalova-Pirinska3, Janet Kirilova3

1)Department of Pediatric Dental Medicine

2) Department of Prosthetic Dental Medicine

3)Department of Conservative Dental Medicine, Faculty of Dental Medicine, Medical University-Sofia

### DP-28\_A SURVEY DONE AMONG DENTAL STUDENTS ON THEIR KNOWLEDGE ON ENDODONTIC MICROBIOLOGY

M. Maznev1, R. Radev1, D. Karayasheva2, E. Radeva2

1 Students, Faculty of Dental Medicine, MU – Sofia, Bulgaria

2 Department of Conservative Dentistry, Faculty of Dental Medicine, MU - Sofia, Bulgaria

### DP-29\_SEM STUDY OF MICROMORPHOLOGY CHANGES OF INTRACANAL DENTINE AFTER TREATMENT WHIT DIODE LASER

Elka Radeva, Mihail Tarasov, Evgeniya Popova, Raya Grozdanova, Dimitar Kosturkov, Tsonko Uzunov Department of Conservative Dentistry, Faculty of Dental Medicine, Medical University – Sofia, Bulgaria

### DP-30\_COMPARATIVE STUDY OF THE THERMAL EFFECT OF TWO KINDS OF OPTIC FIBRES OF HIGH INTENSIVE DIODE LASER

Evgeniya Popova, Raya Grozdanova, Elka Radeva, Dimitar Kosturkov, Tsonko Uzunov

Department of Conservative Dentistry, Faculty of Dental Medicine, Medical University – Sofia, Bulgaria DP-31\_RISK FACTORS IN PATIENTS WITH BISPHOSPHONATE - ASSOCIATED OSTEONECROSIS OF THE JAWS

Meri Hristamyan 1, Petya Pechalova 2, Ralista Raycheva 3, Mariya Georgieva 1, Veselka Hristamyan 4, Yordanka Stoilova 1

- 1. Department of Epidemiology and DM, Faculty of Public Health, Medical University Plovdiv
- 2. Department of Oral Surgery, Faculty of Dental Medicine, Medical University Plovdiv
- 3. Department of Social Medicine, Faculty of Public Health, Medical University Plovdiv
- 4. Clinic of maxillo-facial surgery, UMHAT "St. George" Ploydiv

#### DP-32\_TRIBOLOGICAL TESTS OF RESIN BASED COMPOSITEMATERIALS: A DESIGN STUDY

Valeriya Aleksandrova1, Neshka Manchorova2, Svetlin Aleksandrov3

1. assistant Professor, Department of Operative Dentistry and Endodontics,

Faculty of Dental Medicine, Medical University - Plovdiv

- 2. Associate Professor, Department of Operative Dentistry and Endodontics, Faculty of Dental Medicine, Medical University Plovdiv
- 3. Assistant Professor, Department of Prosthetic Dentistry, Faculty of Dental Medicine, Medical University Ploydiv

### DP-33\_MORPHOLOGICAL SCALE FOR EVALUATION OF ORAL BIOFILM ACCUMULATION ON RESIN COMPOSITE SURFACES.

Kostadin Georgiev, Ivan Filipov,

Department of Operative Dentistry and Endodontics, Faculty of Dental Medicine, Medical University of Ploydiv

#### DP-34 ORAL MUCOUS MEMBRANE PEMPHIGOID - DIAGNOSTIC AND THERAPEUTIC CHALLENGE

Miglena Balcheva, George Papanchev

Faculty of Dental Medicine, MU-Varna

### DP-35\_TOOTH EROSION AND WEDGE-SHAPED DEFECTS- WHY IT'S IMPORTANT TO DIFFERENTIATE THEM?

Mayya Koleva, Vesela Hristova

Faculty of Dental Medicine, Medical University-Varna

### DP-36\_BIOLOGICAL TREATMENT OF DENTAL PULP AFTER BIO-MECHANICAL PREPARATION WITH BRIX 3000

Janet Kirilova, Dimitar Kosturkov, Snezhanka Topalova-Pirinska

Department of Conservative Dentistry, Faculty of Dental Medicine, Medical university Sofia, Bulgaria

#### DP-37\_SHADE GUIDES USED IN DENTAL PRACTICE (LITERATURE REVIEW)

Todorov R.\*, B. Iordanov\*, G. Todorov\*\*, St. Zlatev\*\*, N. Milanov\*

Faculty of Dental medicine- Sofia\*, Faculty of Dental medicine- Plovdiv\*\*

#### DP-38\_INDICATORS ASSOCIATED WITH THE STATE OF GINGIVAL TISSUE IN CHILDREN WITH

Established Diagnosis of Nephrotic Syndrome

Sirma Angelova

Department of Pediatric Dentistry, Faculty of Dental Medicine, Medical University-Varna

### DP-39\_BILAYER TECHNIQUE FOR ALVEOLAR RIDGE AUGMENTATION IN PREPROSTHETIC IMPLANT SURGERY: INDICATIONS AND PROBLEMS

Bozhidar Yordanov, Elitsa Deliverska, Stovan Kazakov, Maria Edreva,

Department of Oral and Maxillofacial surgery, Department of Prosthetic dentistry FDM- MU-Sofia

### DP-40\_ELASTIC MATERIALS FOR RELINING OF REMOVABLE DENTURES - TYPES, COMPOSITION AND TECHNOLOGY.

Mariana Yankova, Bozhidar Yordanov, Nikolai Apostolov, DesislavaDimitrova

Department of Prosthetic Dental medicine, Medical University - Sofia

#### DP-41\_TREATMENT OF DENTIN HYPERSENSITIVITY WITH DIODE IR LASER. CASE REPORT

Genoveva Balcheva, Miglena Balcheva

Medical University of Varna. Faculty of Dental Medicine

#### DP-42 DEVELOPMENT OF LIGHT-CURING UNITS IN DENTAL MEDICINE - REVIEW

Georgi Georgiev, Vladimir Panov, Tsanka Dikova

Department of "Conservative dentistry and oral pathology", Faculty of Dental Medicine, Medical University of Varna

Department of Dental Material Science and Propaedeutics of Prosthetic Dental Medicine, Faculty of Dental Medicine, Medical University of Varna

### DP -43\_MODIFIED APPROACH TO ENSURE A UNIFORM LAYER OF ELASTIC MATERIAL FOR RELINING COMPLETE DENTURES WITH SELF CURING SILICONES

Mariana Yankova, Bozhidar Yordanov, Mariana Dimova-Gabrovska, Desislava Dimitrova

Department of Prosthetic Dental Medicine, Faculty of Dental Medicine, Medical University - Sofia

#### DP -44 FLARE-UPS AFTER ENDODONTIC TREATMENT

Denitsa Zaneva-Hristova, Tsvetelina Borisova-Papancheva, Slavena Svetlozarova

Faculty of Dental Medicine Varna

### DP -45\_RADIOGRAPHIC EVALUATION OF MODERATE CURVED CANAL PREPARATION USING PROTAPER GOLD (in vitro study)

Milen Maznev<sup>1</sup>, Rumen Radev<sup>1</sup>, Elka Radeva<sup>2</sup>, Tsonko Uzunov<sup>2</sup>

<sup>1</sup>Students, Faculty of Dental Medicine, MU-Sofia, Bulgaria

<sup>2</sup>Department of Conservative Dentistry, Faculty of Dental Medicine, MU-Sofia, Bulgaria

#### **11 May 2019** /saturday/

### 17:00-18:00 - Annual Meeting of the Alumni Club at the Medical University of Varna (Official ceremony)

Chair: Krassimir Metodiev, Mario Milkov, Darina Naydenova, Svetlana Grancharova

20:00-22:00 - Wine party, Annual Awards of IMAB:

Closing of the 29-th Annual Assembly of IMAB

<u>Important:</u> Official certificates of attendance shall be given only to those colleagues who had accordingly completed their registration before or during the Assembly.