



**Fourth interdisciplinary symposium of public  
health, nursing, social work and laboratory  
investigating methods with international  
involvement**



provided by

**Faculty of Health Care and Social Care Trnava University**

**under the auspices of**

**Ing. Tibor Mikuš, PhD.**

**Chairman of Trnava Self-Governing Region**

**and**

**prof. doc. JUDr. Marek Šmid, PhD.**

**President of Trnava University**

**Well Being, Health and Humanity -  
Common Values for both, Students and  
Teachers**

**PROGRAM**

**October 20<sup>TH</sup>-21<sup>ST</sup>, 2011**

**Aula Pazmaneum, Univerzité námestie 1, Trnava**

## **THURSDAY - 20.10.2011**

### **13:00- 13:30 OPENING**

Head of Trnava University- prof. doc. JUDr. Marek Šmid, PhD.

Head of Self-Governing Region- Ing. Tibor Mikuš, PhD.

### **SECTION I. (13:30-15:00)**

Head : prof. MUDr. Jarmila Siegelová, DrSc., prof. RNDr. Ján Vojtaššák, CSc.

#### **Online lecture (20 min.)-**

#### **MEASURING HEALTH SYSTEM PERFORMANCE OECD'S HEALTH CARE QUALITY INDICATOR PROJECT**

prof. NIEK KLAZINGA (OECD)

#### **BLOOD PRESSURE VARIABILITY DURING SEVEN-DAY AMBULATORY BLOOD PRESSURE MONITORING (20 min.)**

<sup>1</sup>SIEGLOVÁ J., <sup>1</sup>POHANKA M., <sup>1</sup>HAVELKOVÁ A., <sup>1</sup>FIŠER B., <sup>1</sup>DUŠEK J.,  
<sup>1</sup>DUNKLEROVÁ L.,<sup>2</sup>CORNÉLISSEN G., <sup>2</sup>HALBERG F.

(<sup>1</sup>Department of Physiotherapy, Faculty of Medicine, Masaryk University, St. Anna Teaching Hospital, Brno, CZ, <sup>2</sup>University of Minnesota, USA)

#### **BIOLOGICAL BACKGROUND OF HUMAN REPRODUCTION LOSSES**

VOJTAŠŠÁK J. <sup>1,2</sup>, MALOVÁ J. <sup>2</sup>, DEMJÉNOVÁ L. <sup>2</sup>, KORBEL' M. <sup>3</sup>

(<sup>1</sup> Faculty of Health and Social Care, Trnava University in Trnava, <sup>2</sup> Institute of Medical Biology and Genetics , Medical Faculty, Comenius University in Bratislava, <sup>3</sup> Clinics for Gynaecology and Obstetrics, Medical Faculty, Comenius University in Bratislava)

#### **OUTCOME RESEARCH (20 min.)**

RUSNAK,M.

(Faculty of Health and Social Work, Trnava University, Trnava, Slovak Republic)

#### **TRAUMA 1970 – 2010 IN AUSTRIA: IMPLICATIONS FOR TRAUMA CARE (20 min.)**

MAURITZ W.

(Trauma Hospital „Lorenz Boehler“, A – 1200 Vienna, Austria)

### **BREAK (15:00-15:10)**

### **SECTION II. (15:10-16:50)**

Head: prof. MUDr. Martin Rusnák, CSc., doc. MUDr. Dušan Salát, CSc.

#### **OSTEOPOROSIS AND THE MEANING OF ASSOCIATED VERTEBRAL FRACTURES**

PLATZER, P.

(Univ. Klinik für Unfallchirurgie der Universität Wien)

## **RETURN TO SPORTS AFTER CARTILAGE REPAIR**

ALDRIAN, S.

(Univ. Klinik für Unfallchirurgie der Universität Wien)

## **BRAIN TRAUMA MANAGEMENT IN AUSTRIA VERSUS SLOVAKIA – TALE OF TWO CITIES**

BRAZINOVA A.<sup>1,3</sup>, MAURITZ W.<sup>2,3</sup>, RUSNAK M.<sup>1,3</sup>, MAJDAN M.<sup>1,3</sup>

(<sup>1</sup>Trnava University, Faculty of Health and Social Work, Trnava, Slovak Republic

<sup>2</sup>Lorenz Böhler Trauma Hospital, Wien, Austria <sup>3</sup>International Neurotrauma Research Organization, Wien, Austria )

## **LONG TERM OUTCOME AFTER SEVERE TBI**

LEITGEB J.

(International Neurotrauma Research Organization, Wien, Austria)

## **THE PREVALENCE OF AFFECTIVE DISORDERS IN THE POPULATION OF SLOVAKIA IN THE YEARS 2000-2009 – TRENDS TREATED PREVALENCE, RELATIONSHIP TO SELECTED DEMOGRAPHIC AND SOCIOECONOMIC FACTORS.**

MASTELOVÁ.D., BRAŽINOVÁ.S., VRANOVÁ.V.

(Trnava University, Faculty of Health and Social Work. Department of Public Health)

## **ASSESSMENT OF PSYCHOLOGICAL STRESS AMONG FLIGHT PERSONNEL**

MACHAJOVÁ M, GERGELOVÁ P, HANKOVSKÁ T

(Trnava University, Faculty of Health Care and Social work, Department of Public Health, Trnava, Slovakia)

## **EPIDEMIOLOGICAL SITUATION OF CORONARY HEART DISEASE IN THE SLOVAK REPUBLIC**

**BETWEEN 1993 – 2009**

PSOTA M., PEKARČÍKOVÁ J.

(Department of Public Health, Faculty of Health Care and Social Work Trnava University)

## **UNDERSTANDING CHRONIC OBSTRUCTIVE PULMONARY DISEASES**

SALÁT, D., ČULAGOVÁ, M., IVANOVÁ, A.:

(Faculty of Health Care and Social Work, Trnava University, Trnava, Slovakia

Dept. of In-patients Clinic od Plenumology and Phtiseology, Faculty Hospital, Trnava, Slovakia)

## **CHRONIC RESPIRATORY DISEASE PREVENTION IN SLOVAKIA: A PREVENTIVE STUDY/CAMPAIGN LED BY AN INSURANCE COMPANY THROUGHOUT - SEPTEMBER 2011**

<sup>1</sup>IVANOVÁ, A., <sup>1,2</sup> SALÁT, D.,

(<sup>1</sup> Faculty of Health Care and Social Work. Trnava University, Trnava, Slovak Republic,

<sup>2</sup>University Hospital of Trnava, Clinic of Pneumonology and Ftisiology, University hospital of Trnava, Trnava, Slovak Republic )

## **PATIENT SAFETY ASSESSMENT IN TRNAVA REGIONAL HOSPITALS**

MIKUŠOVÁ V.<sup>1</sup>, NAĐOVÁ K.<sup>2</sup>, BOROŇOVÁ J.<sup>1,3</sup>, BEŤKOVÁ M.<sup>3</sup>, RUSNÁKOVÁ V.<sup>4</sup>

(<sup>1</sup>Faculty of Health Care and Social Work, Trnava University, Trnava, SR

<sup>2</sup>Univerzity Hospital of Skalica, Skalica, SR, <sup>3</sup>University Hospital of Trnava, Trnava, SR,

<sup>4</sup>Faculty of Public Health, Slovak Medical University, Bratislava, SR)

**BREAK (16:50-17:00)**

**SECTION III. (17:00-18:50)**

Head: doc. PhDr.Patricia Dobříková, PhD. et PhD. , MUDr. Zuzana Katreniaková, PhD.

**THE END OF THE LIFE IN THE CONTEXT OF THE GENERAL HUMAN VALUES**

DOBŘÍKOVÁ P., PČOLKOVÁ D.  
(Faculty of Health Care and Social Work Trnava University)

**LIFE IS VALUABLE ALSO IN SUFFERING**

PČOLKOVÁ D. ,DOBŘÍKOVA, P.  
(Faculty of Health Care and Social Work Trnava University)

**STRENGTHENING PUBLIC HEALTH RESEARCH IN EUROPE- „STEPS“ FROM SPHERE TO PHIRE**

KATRENIAKOVA Z., NAGYOVA I., MCCARTHY M., CONCEIÇÃO C., GULIS G.  
(PJ Safarik University, Faculty of Medicine, Institute of Public Health – Dept. of Social Medicine;  
SAVEZ)

**MAPUORDIT, SOUTH SUDAN - GREAT OPPORTUNITIES FOR NURSING CARE IMPROVEMENT**

JAKUBEKOVÁ J., LIPTÁKOVÁ K., ILIEVOVÁ L.  
(Trnava University, Faculty of Health and Social Work. Department of Nursing)

**IMPORTANCE OF NURSING IN SOUTH SUDAN**

LIPTÁKOVÁ K., JAKUBEKOVÁ J., BOTÍKOVÁ A,  
(Trnava University. Faculty of health and Social work. Department of Nursing)

**THE OCCURANCE OF THE MALIGNANT NEOPLASM OF BRONCHUS AND LUNG IN PATIENTS HOSPITALIZED AT THE PNEUMOLOGY CLINIC IN TRNAVA**

ŠŤASTNÁ,V.; PEKARČÍKOVÁ, J.  
(Department of Public Health, Faculty of Health Care and Social Work Trnava University)

**RISK FACTORS FOR BREAST CANCER IN WOMEN LIVING IN TRNAVA REGION: A CASE-CONTROL STUDY**

PEKARČÍKOVÁ J<sup>1</sup>, GULIS G.<sup>2</sup>,MAJDAN M<sup>1</sup>, NEMČOVSKÁ E<sup>1</sup>  
(<sup>1</sup>Trnava University in Trnava, Faculty of Health care and Social Work, Department of Public Health, Trnava, Slovak Republic, <sup>2</sup>University of Southern Denmark, Unit of Health Promotion, Esbjerg, Denmark)

**DR6, GPM6B IN BLOOD OF PATIENTS WITH DUCTAL AND LOBULAR INVASIVE BREAST CANCER**

BILECOVÁ – RABAJDOVÁ, M.<sup>1</sup>, URBAN, P.<sup>1</sup>, .BIRKOVÁ, A.<sup>1</sup>, VARGA, J.<sup>2</sup>, OSTRÓ, A.<sup>3</sup>, MAREKOVÁ, M.<sup>1</sup>

(<sup>1</sup>Department of Chemistry, Biochemistry, Clinical biochemistry and LABMED a.s., Faculty of Medicine P. J. Šafárik University in Košice, Slovakia

<sup>2</sup> Department of Clinical and Radiation Oncology, *East Slovakia Oncology* Institute Košice, Slovakia

<sup>3</sup>2nd Department of Gynaecology and Obstetrics, Faculty of Medicine P. J. Šafárik University in Košice, Slovakia)

## **PREVALENCE OF COLORECTAL CANCER**

<sup>1</sup> IZSÁKOVÁ Z., <sup>2</sup> KOLOŠOVÁ A., MOLNÁR F., <sup>1</sup>KAČMÁRIKOVÁ M.

(<sup>1</sup>University of Trnava, Faculty of Health and Social Work, Department of Public Health

<sup>2</sup>Public Health Office located in Komárno, Department of Epidemiology

<sup>3</sup>Public Health Office located in Komárno, Department of Health Promotion)

## **KNOWLEDGES AND ATTITUDES OF THE BANSKA BYSTRICA REGION INHABITANS ABOUT COLORECTAL CANCER**

GREDOVA K., PLAVUCHOVA, L.

(Faculty of Health Care and Social Work, Trnava University)

## **COLORECTAL CARCINOMA LIVER SECUNDARITY IN CZECH REPUBLIC - RECENT TRENDS**

RYSKA M<sup>1,2</sup>

(<sup>1</sup>Trnava University, Faculty of Health and Social Care, <sup>2</sup>Surgery department, 2.Medical School, Charles University and Central Military Hospital, Prague)

## **BARIATRIC SURGERY - VERY GOOD POSIBILITY FOR OBESITY-INDUCED TYPE 2 DIABETES MELLITUS TREATMENT.**

KASALICKY M<sup>1,2</sup>)

(<sup>1</sup>Department of Nursing Faculty of Health and Social Work, Trnava University, Trnava, Slovak republic; <sup>2</sup>Surgical Department 2<sup>nd</sup>Medical School, Charles University and Central Military Hospital, Prague, Czech Republic; )

## **19:00 SOCIAL PROGRAM**

## **FRIDAY 21.10.2011**

### **SECTION I. (9:00- 10:40)**

Head: PhDr. Marek Majdan, PhD., PhDr. Andrej Kállay, PhD.

### **INDOOR AIR QUALITY IN RURAL SETTLEMENTS OF KWALE DISTRICT IN COASTAL KENYA - PILOT STUDY**

MAJDAN M., ILIEVOVA, L.

(Faculty of Health Care and Social Work, Trnava University)

### **INDOOR AIR QUALITY AND HEALTH IN URBAN AND RURAL AREAS**

KVAKOVÁ M., MAJDAN M., KÁLLAYOVÁ D.

(Trnava University in Trnava. Faculty of Health Care and Social Work; Department of Public Health)

### **SUN EXPOSURE BEHAVIOR IN CHILDREN – pilot study**

KRAJČOVIČOVÁ L., IZSÁKOVÁ Z.

(Trnava University, School of Health Care and Social Work, Department of Public Health, Trnava, Slovakia)

**CROSS-SECTIONAL STUDY OF ATTITUDES, HABITS AND INFORMATION ABOUT DRUGS AMONG PRIMARY SCHOOL PUPILS IN SLOVAKIA.**

NEMČOVSKÁ E.<sup>1</sup>, KÁLLAY A.<sup>2</sup>, KÁLLAYOVÁ D.<sup>1</sup>, ŠRAMATÁ M.<sup>2</sup>, KRÁĽOVÁ Z.<sup>2</sup>  
(<sup>1</sup>Trnava University. Faculty of Health Care and Social Work. Department of Public Health.,<sup>2</sup> Trnava University. Faculty of Health Care and Social Work. Department of Social Work)

**THE HEALTHCARE STATUS AND HEALTH CARE SYSTEM ACCESS OF DEAF AND HARD OF HEARING PERSONS**

BENO P.,<sup>1</sup> RADKOVA L.,<sup>2</sup> DAVIDEKOVA M.<sup>2</sup>  
(Trnava University in Trnava, School of Health and Social work, Trnava, Slovakia  
<sup>1</sup> Department of Clinical Disciplines <sup>2</sup> Department of Social Work)

**DOMESTIC VIOLENCE AGAINST WOMEN IN THE CONTEXT OF ORIGINAL VICTIM'S FAMILY.**

RADKOVÁ L., SEDLÁČEK M.  
(Faculty of Health Care and Social Work, Trnava University)

**WHY ETHICS AND BIOETHICS IN PHARMACOTHERAPY?**

NOVOTNÝ J.<sup>1</sup>, STANČIAK J.<sup>2</sup>, NAGÓRSKA M.<sup>3</sup>  
(<sup>1</sup>University of South Bohemia, České Budějovice, Czech Republic, <sup>2</sup>The University College of Polytechnics of Jihlava, Czech Republic, <sup>3</sup>University of Rzeszów, Poland)

**HOW DO WE DEFINE DEATH?**

COSTELLO MICHAEL  
(University of Scranton)

**THE IMPORTANCE OF SERVICE LEARNING IN UNIVERSITY EDUCATION**

WEST D.  
(University of Scranton)

**THE PHILOSOPHY OF HEALTH SCIENCE RESEARCH.**

KEVIN FLYNN  
(Risk Compliance Performance Solutions, LLC)

**HOLISTIC APPROACH TO LEADERSHIP AND THE USE OF HEALTH SERVICES RESEARCH**

SZYDLOWSKI, S.  
(University of Scranton)

**BREAK (10:50-11:10)**

## **SECTION II. (11:10- 12:00)**

Head: prof. MUDr. Vladimír Krčméry, DrSc., prof. MUDr. Viera Rusnáková, CSc., MBA

### **NOSOCOMIAL AND COMMUNITY ACQUIRED BACTERIAL MENINGITIS IN SLOVAKIA 1990-2010**

KRCMERY V., SOKOLOVA J., CAUDA R., LISKOVA A., STREHAROVA A., LUZINSKY L., PIESECKA L., LESNAKOVA A., HOLECKOVA K., STANKOVIC I., PATAKY F., CERMANOVA Z., ZAJACOVA Z., PISARCIKOVA M., FILKA J., MACKOVYCH M., GREGUS M., KOVAC M., RUSNAK R., RUDINSKY B., BAUER F., KARVAJ M., HUTOVA M., BENCA J., TAZIAROVA M., KISAC P., KALAVSKY E., HORVATHOVA E., BABELA R., MRAZOVA M., ALUMBASI-TIMONA L., KOZON V., RUSNAKOVA V., HANOBIK F., KONOSOVA H., BELDJEBEL I. AND FREYBERGH P.F.

(St. Elizabeth University College of Health and Social Sciences, Bratislava, Slovakia  
Department of Clinical Disciplines, School of Health care and Social Work, University of Trnava, Slovakia, Departments of Infectious Diseases and Microbiology, Catholic University, Rome, Italy

National Reference Laboratory for Antibiotic Resistance, Nitra Slovakia, University Hospitals: Bratislava, Trnava, Kosice, Ruzomberok, Nitra, Banska Bystrica, Nove Zamky, Presov, Zilina and Hospital Lucenec, Slovakia, Institute of Nursing, Pribram, SEUC, Czech Republic  
Mary Immaculate Hospital, Nairobi, Kenya, Department of Medical Informatics, Slovak Medical University, Bratislava, Slovakia)

### **COMPLEX IMMUNOGENETIC ANALYSIS IN SLOVAK PATIENTS WITH ANKYLOSING SPONDYLITIS**

BOŠÁK V.<sup>1,2</sup>, MATEIČKA F.<sup>2</sup>

(<sup>1</sup> National Institute of Rheumatic Diseases, Piešťany, Slovak Republic

<sup>2</sup> Faculty of Health Care and Social Work, Trnava University, Trnava, Slovak Republic)

### **HLA ANTIGENS AND CELIAC DISEASE**

NACHTMANOVÁ K.<sup>1</sup>, BOŠÁK V.<sup>1,2</sup>

(1 – Faculty of Health Care and Social Work, Trnava University, Trnava, 2 – National Institute of Rheumatic Diseases, Piešťany)

### **T-CELLS SUBPOPULATION, (CD16+)NK- AND (CD19+)B-CELLS IN THE PERIPHERAL BLOOD AND SERUM LEVEL OF IMMUNOGLOBULINS AND CIRCULATING IMMUNOLOGICAL COMPLEXES (CIC) OF MEN OCCUPATIONALLY EXPOSED TO MERCURY VAPOURS**

RUTOWSKI, J.A.

(Institute of Nursing and Health Sciences, Faculty of Medicine, University of Rzeszow, Poland)

### **THE POSSIBILITY OF VACCINATION IN SLOVAK REPUBLIC**

KRŠÁKOVÁ A.

(Trnava University in Trnava, Faculty of Health Care and Social Work)

### **SPECIAL GROUPS OF TRAVELERS, HEALTH CARE**

ONDRUŠOVÁ A.

(Trnava University in Trnava, Faculty of Health Care and Social Work)

**LUNCH** (12:00-13:00)

**SECTION III.** (13:00- 14:00)

Head: PhDr. Daniela Kállayová, PhD., Dr. Monica O' Mullane, PhD.

**HEALTH INFORMATION TECHNOLOGIES FOR IMPROVING QUALITY AND SAFETY**

RUSNÁKOVÁ, V.

(Department of Health Informatics, Faculty of Public Health, Slovak Medical University, Bratislava)

**SCORING SYSTEMS FOR PATIENTS WITH A SEVERE DISEASE**

GONŠOROVÁ V., KÁLLAYOVÁ D.

(Trnava University in Trnava, Faculty of Health Care and Social Work, Department of Public Health)

**HEALTH IMPACT ASSESSMENT (HIA) AND INSTITUTIONALISATION: THE SLOVAK EXPERIENCE**

O'MULLANE M.

( Department of Public Health, Faculty of Health and Social Work, Trnava University )

**BOTTOM-UP RISK ASSESSMENT OF ASTHMA BRONCHIALE IN SLOVAKIA.**

KALLAYOVA D., MAJDAN M., BOSAK L., KVAKOVA M., NEMCOVSKA E.

(Trnava University, Faculty of Health and Social Work. Department of Public Health)

**ANALYSIS OF SELECTED FACTORS ON SMOKING AND ALCOHOL DRINKING AMONG PRIMARY SCHOOL CHILDREN AGED 8-15 YEARS IN THE ACADEMIC YEAR 2009/10.**

REHORCIKOVA V.<sup>1</sup>, SKLENAROVA Z.<sup>1</sup>, KALLAY A.<sup>2</sup>, KALLAYOVA D.<sup>1</sup>, NEMCOVSKA E.<sup>1</sup>, SRAMATA M.<sup>2</sup>, KRALOVA Z.<sup>2</sup>

(<sup>1</sup> Trnava University. Faculty of Health Care and Social Work. Department of Public Health., <sup>2</sup> Trnava University. Faculty of Health Care and Social Work. Department of Social Work )

**HEALTH INEQUALITIES OF ROMA POPULATION IN THE SLOVAK REPUBLIC AS A BASIS FOR A CREATION OF INTERVENTION STRATEGIES**

ŠVARO M., BOŠÁK L.

( Trnava University, Faculty of Health Care and Social Work )

**BREAK** (14:00-14:15)



## **SECTION IV. (14:15- 15:25)**

Head: doc. PhDr. Martina Žáková, PhD., doc. PhDr. Ondrej Botek, PhD.

### **APPLIED RESEARCH ABOUT EMPLOYMENT OF DISABLED PEOPLE IN PEZINOK AND SENEC REGION**

KOPCOVÁ E.

(Katedra sociálnej práce Fakulta sociálnych štúdií VŠ v Sládkovičove (Dept. of Social Work Faculty of Social Studies VŠ v Sládkovičove)

### **THE CONTROVERSY OF HUMANITARIAN AID IN CONTEXT OF HUMANITY**

BOTEK, O.

(Faculty of Health Care and Social Work, Trnava University)

### **LINK BETWEEN THEORY AND PRACTICE IN DEVELOPMENT. DEVELOPMENT EDUCATION AND DEVELOPMENT COOPERATION AT THE FACULTY OF HEALTH CARE AND SOCIAL WORK AT TRNAVA UNIVERSITY.**

JANČOVIČ J., JANČOVIČOVÁ L.

(Faculty of Health Care and Social Work, Trnava University)

### **STATUS OF MIGRANTS AND ETHNIC MINORITIES IN SLOVAKIA**

KÁLLAY A., O'MULLANE M.

(Faculty of Health Care and Social Work, Trnava University)

### **THE BURNOUT SYNDROM IN THE UNIVERSITY SETTING**

ŠRAMATÁ M., KOVALČÍKOVÁ N., DOBRÍKOVÁ, P.

(Faculty of Health Care and Social Work, Trnava University)

### **VALUES OF TEACHERS OF FZASP**

KOVALČÍKOVÁ N., VEREŠ M., ŽÁKOVÁ M.

(Faculty of Health Care and Social Work Trnava University)

### **VALUES OF STUDENTS OF FZASP**

BÁNOVČINOVÁ A., BEROVÁ L., HNATOVÁ I., KOVÁČOVÁ L., JURÍK J.

(Faculty of Health Care and Social Work Trnava University)

## **SOJOURN OF THE CONFERENCE**