



International Scientific Conference on Medicine at the University of Latvia

February 23, 2018

Academic Centre for Natural Sciences of the University of Latvia, Jelgavas iela 1, Riga

08:15-08:50 Registration for morning sessions, 1st floor lobby

09:00-09:30 **OPENING SESSION**

Room 106

Welcome address from the Organizing Committee
Mārcis Leja, Conference Chair, Faculty of Medicine

Opening Remarks from the Conference Host – the University of Latvia
Indriķis Muižnieks, Rector

Remarks from the the Strategy Council of the University of Latvia
Andrejs Ērglis, Chair

Remarks from the Faculty of Medicine
Gustavs Latkovskis, Vice Dean

Remarks from the Ministry of Health of the Republic of Latvia
Aivars Lapiņš, State Secretary

Keynote from the Parliament of the Republic of Latvia
Introduction of State Mandatory Health Insurance as a Step Forward Out of the Deep Financial Crisis in the Latvian Healthcare System (15 min).
Romualds Ražuks, Member of Parliament, Chairman of the Public Health Subcommittee

09:35-10:30 **PLENARY SESSION**

Room 106

Session chairs: Gustavs Latkovskis, Mārcis Leja, Jan Bornschein

From Biobanking to Precision Medicine: an Estonian example (20 min).
Andres Metspalu, Director of the Centre of Excellence for Genomics and Translational Medicine, University of Tartu, Estonia.

What Can We Learn from and about the Microbiota of the Iceman Ötzi from 5300 years ago (20 min).
Peter Malfertheiner, Otto-v.-Guericke-University, Germany.

Complex approach for understanding the spread of antimicrobial resistance in hospitals (15min). Uga Dumpis, University of Latvia.





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OVERVIEW of SESSIONS

ORAL SESSIONS (parallel)		POSTER SESSIONS (parallel)	
10:50-13:00 ROOM 301	Basic Medical Science	11:00-11:55 ROOM 107	Basic Medical Science ^{A1}
11:00-13:00 ROOM 108	Cardiovascular Medicine	11:00-11:50 ROOM 107	Oncology ^{B1}
11:00-12:30 ROOM 109	Gastroenterology, Gastrointestinal Microbiota, <i>H. pylori</i> (EHMSG endorsed)	12:00-13:00 ROOM 107	Internal Medicine & Infectious Disease ^{A1}
11:00-12:45 ROOM 223	Paediatrics	12:00-13:00 ROOM 107	Surgery, Anaesthesiology & Intensive Care ^{B1}
11:00-12:30 ROOM 106	Patient Safety & Organizational Research	12:30-12:45 ROOM 106	Public Health ^C
13:00-14:00	INTERMISSION <i>Complementary coffee in ROOM 107</i>	13:00-13:20 13:00-13:50 1 ST FLOOR HALL	Cardiovascular Medicine ^{A1} Gastroenterology ^D
14:00-15:40 ROOM 109	Gastroenterology & Gastrointestinal oncology (ESDO endorsed)	14:00-15:20 ROOM 107	Paediatrics ^{A2}
14:00-15:50 ROOM 223	Internal Medicine & Infectious Disease	14:00-15:00 ROOM 107	Psychiatry & Neurology ^{B2}
14:00-16:00 ROOM 106	Surgery, Anaesthesiology & Intensive Care	15:00-15:40 ROOM 107	Gynaecology ^{B2}

If there are any questions regarding the conference programme please contact the Conference Organizing Committee at medkonference2018@lu.lv



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ORAL SESSIONS

MORNING SESSIONS				
(parallel)				
10:50-13:00	11:00-13:00	11:00-12:30	11:00-12:45	11:00-12:30
Basic Medical Science	Cardiovascular Medicine	Gastroenterology & Gastrointestinal microbiota, <i>H. pylori</i> (EHMSG endorsed)	Paediatrics	Patient Safety & Organizational Research

10:50-13:00 BASIC MEDICAL SCIENCE

Session chairs: Baiba Jansone, Una Riekstiņa

10:50-11:10 **Modra Murovska** (State-of-Art): INVOLVEMENT OF PERSISTENT VIRAL INFECTIONS IN THE DEVELOPMENT OF NERVOUS SYSTEM DISEASES (15min + 5min)

11:10-13:00 (*each presentation = 7 minutes + 3 minutes for discussion*)

1. CLINICAL PHARMACOLOGIST IN THE FIELD OF POPULATION PHARMACOKINETICS (*Aurelija Radzevičienė, Silvijus Abramavičius, Edgaras Stankevičius, Franck Saint-Marcoux, Edmundas Kaduševičius*)
2. HARMFUL AND POTENTIALLY HARMFUL EXCIPIENTS IN MEDICINES FOR HOSPITALIZED NEONATES (*Inese Sviestiņa, Dzintars Mozgis*)
3. *IN VITRO* STUDY TO ASSESS THE SAFETY PROFILE OF CONIFER NEEDLE EXTRACTIVES FOR POTENTIAL TOPICAL APPLICATIONS (*Ilona Vanaga, Uģis Klētnieks, Jānis Ancāns, Ilze Blāķe, Jerzy Gubernator, Baiba Jansone*)
4. ANTIOXIDANT AND ANTIDIABETIC EFFECTS OF FIVE *VACCINIUM SPP.* BERRY EXTRACTS (*Reinis Rembergs, Kaspars Jekabsons, Kristine Saleniece, Zane Dzirkale, Linards Klavins, Maris Klavins, Ruta Muceniece*)
5. IMPACT OF ANTHOCYANIDINS ON THE DIFFERENTIATION CAPACITY OF HUMAN ADIPOSE MESENCHYMAL STEM CELLS (*Līga Saulīte, Kaspars Jekabsons, Una Riekstiņa, Maris Klavins, Ruta Muceniece*)
6. BIOSENSOR DEVELOPMENT FOR ONCOLOGIC MARKER DETECTION USING ZnO NANOPARTICLES (*Karlis Pleiko, Roman Viter, Andris Sutka, Una Riekstiņa*)
7. HUMAN DENTAL PULP STEM CELL-DERIVED EXOSOMES ADMINISTERED INTRANASALLY CAN CROSS THE BLOOD-BRAIN BARRIER IN RATS (*Karina Narbute, Vladimirs Pilipenko, Augustas Pivoriunas, Baiba Jansone, Vija Klusa*)
8. LOW AND MODERATE DOSE OF DIAZEPAM IMPROVES LEARNING, PREVENTS NEUROINFLAMMATION AND NORMALIZES CHOLINERGIC

- ACTIVITY IN ALZHEIMER'S DISEASE MODEL-RATS (*Vladimirs Pilipenko, Karina Narbute, Juris Rumaks, Jolanta Pupure, Baiba Jansone, Vija Klusa*)
9. PRE-CLINICAL MODELS OF CLOSED HEAD INJURY (*Baiba Zvejniece, Liga Zvejniece, Baiba Svalbe, Gundega Vikmane, Edijs Vavers, Einars Kupats, Maija Dambrova*)
 10. CTX-M PRODUCING *ESCHERICHIA COLI* SUSCEPTIBILITY TO TEMOCILLIN, NITROFURANTOIN, COLISTIN, AND FOSFOMYCIN (*Laura Pereckaitė, Marius Virgailis, Agnė Giedraitienė*)
 11. METHOD DEVELOPMENT FOR THE DETERMINATION OF 1,1-DIMETHYLHYDRAZINE BY THE HPLC-MS/MS TECHNIQUE (*Igors Susinskis, Peteriss Mekšs, Juris Hmeļnickis*)

11:00-13:00 **CARDIOVASCULAR MEDICINE**

Session Chairs: Andrejs Ērglis, Rimantas Benetis, Gustavs Latkovskis

11:00-11:20 **Rimantas Benetis** (*State-of-Art*): MODERN CARDIAC SURGERY AND ITS SYMBIOSIS WITH INTERVENTIONAL AND CLINICAL CARDIOLOGY (15min + 5min).

11:20-13:00 (*each presentation = 7 minutes + 3 minutes for discussion*)

1. BIOCHEMICAL DIAGNOSTIC METHODS AS EARLY PREDICTORS OF ANTHRACYCLINE-CONTAINING CHEMOTHERAPY INDUCED LEFT VENTRICLE SYSTOLIC AND DIASTOLIC FUNCTION CHANGES ON ECHOCARDIOGRAPHIC FOLLOW-UP (*Alla Chapule, Marina Berzina, Gustavs Latkovskis*)
2. LATVIAN CARDIOLOGY CENTRE EXPERIENCE OF SYROLIMUS COATED BIORESORBABLE SCAFFOLDS. REAL-LIFE REGISTRY DATA OF THREE MONTHS CLINICAL FOLLOW UP (*Ieva Briede, Inga Narbute, Indulis Kumsars, Karlis Trusinskis, Dace Sondore, Andis Dombrovskis, Sanda Jegere, Gustavs Latkovskis, Kristine Dombrovska, Ainars Rudzitis, Aigars Lismanis, Aleksandrs Jegorovs, Karlis Strengs, Agnese Strengs, Alona Grave, Andrejs Erglis*)
3. EFFICIENCY OF CASCADE SCREENING TO DETECT ASYMPTOMATIC CORONARY ATHEROSCLEROSIS IN THE LATVIAN REGISTRY OF FAMILIAL HYPERCHOLESTEROLEMIA (*Georgijs Nesterovics, Vita Saripo, Ligita Zvaigzne, Dainus Gilis, Arta Upena-Roze, Andrejs Erglis, Gustavs Latkovskis*)
4. ISCHEMIA MODIFIED ALBUMIN AS BIOMARKER OF CARDIAC ISCHEMIA (*Tatiana Timercan, Artiom Jucov*)
5. CLINICAL CHARACTERISTICS AND 6-MONTH OUTCOMES OF ACUTE CORONARY SYNDROME PATIENTS (*Alberts Bērziņš, Elizabete Tērauda, Kārlis Trušinskis*)
6. HOSPITAL OUTCOMES OF BIFURCATION LESIONS IN PATIENTS UNDERGOING PERCUTANEOUS CORONARY INTERVENTIONS (*Evija Camane, Arnis Laduss, Andrejs Erglis, Karlis Trusinskis, Gustavs Latkovskis, Dace Sondore, Inga Narbute, Kristine Dombrovska, Andis Dombrovskis, Ieva Briede, Aigars Lismanis, Ainars Rudzitia, Sanda Jegere, Indulis Kumsars*)
7. LIMITED AVAILABILITY OF FAMILIAL AND PERSONAL HISTORY IN PROBANDS OF THE LATVIAN REGISTRY OF FAMILIAL

- HYPERCHOLESTEROLEMIA AS A POTENTIAL OBSTACLE TO CORRECT DIAGNOSIS (*Georgijs Nesterovics, Muhammad Faraz Syed, Vita Saripo, Ligita Zvaigzne, Dainus Gilis, Arta Upena-Roze, Andrejs Erglis, Gustavs Latkovskis*)
8. PREVALENCE OF FAMILIAL HYPERCHOLESTEROLEMIA AMONG PATIENTS WITH CORONARY ARTERY ATHEROSCLEROSIS (*Marita Tīmane, Fabian Wieser, Gustavs Latkovskis*)
 9. THE INFLUENCE OF ANTHRACYCLINE-CONTAINING CHEMOTHERAPY ON THE RIGHT VENTRICLE SYSTOLIC FUNCTION, USING TWO-DIMENSIONAL ECHOCARDIOGRAPHY (*Alla Chapule, Marina Berzina, Gustavs Latkovskis*)
 10. SUBJECTIVE PATIENT DATA AND OBJECTIVE CLINICAL PARAMETERS RELATED TO RECEIVING ANTHRACYCLINE-CONTAINING CHEMOTHERAPY (*Alla Chapule, Marina Berzina, Gustavs Latkovskis*)

11:00-12:30 GASTROENTEROLOGY, GASTROINTESTINAL MICROBIOTA & H.PYLORI
Endorsed by *The European Helicobacter and Microbiota Study Group (EHMSG)*

Session chairs: Peter Malfertheiner, Mārcis Leja

11:00-11:20 **Jan Bornschein** (*State-of-Art*): GASTROINTESTINAL MICROBIOTA - OPENING THE BLACK BOX (15min + 5min for discussion)

11:20-12:30 (*each presentation = 7 minutes + 3 minutes for discussion*)

1. THE ASSOCIATION BETWEEN PEPSINOGEN LEVEL AND H. PYLORI STATUS: A POPULATION-BASED STUDY (*Olga Sjomina, Jelizaveta Pavlova, Ilva Daugule, Pavel Janovic, Alina Ivanova, Alise Lielausa, Ilze Kikuste, Aigars Vanags, Ivars Tolmanis, Dace Rudzite, Inese Polaka, Ilona Kojalo, Inta Liepniece-Karele, Sergejs Isajevs, Daiga Santare, Valdis Pirags, Jelena Pahomova, Vilnis Dzerve, Lilian Tzivian, Andrejs Erglis, Marcis Leja*)
2. PREVALANCE OF *HELICOBACTER PYLORI* INFECTION IN KAZAKHSTAN (*Linda Mežmale, Anna Krīgere, Dace Rudzīte, Aiga Rūdule, Ilze Kikuste, Sergejs Paršutins, Agris Tolčanicins, Altynbek Tazedinov, Niyaz Malayev, Dmitrij Musinksij, Darhan Samentaev, Ramis Samsutdinov, Tatjana Belihina, Nurbek Igissinov, Mārcis Leja*)
3. STUDY ON THE LOCAL PREVALENCE OF *HELICOBACTER PYLORI* INFECTION IN RESIDENTS OF KYRGYZSTAN WITH RISK FACTORS OF GASTRIC CANCER (*Mariia Moldobaeva*)
4. THE PREVALENCE OF DECREASED PEPSINOGENS IN KAZAKHSTAN (*Anna Krīgere, Linda Mežmale, Dace Rudzīte, Aiga Rūdule, Ilze Kikuste, Sergejs Paršutins, Agris Tolčanicins, Altynbek Tazedinov, Niyaz Malayev, Dmitrij Musinksij, Darhan Samentaev, Ramis Samsutdinov, Tatjana Belihina, Nurbek Igissinov, Mārcis Leja*)
5. THE EVALUATION OF AZATHIOPRINE THERAPY RISK FOR PATIENTS DIAGNOSED WITH INFLAMMATORY BOWEL DISEASE (*Polina Zalizko, Inese*

Jargane, Viktorija Mokricka, Evija Tropina, Zane Dzirkale, Ineta Popena, Karina Narbute, Tatjana Jirgensone, Ulrika Beitnere, Aldis Pukitis)

6. FIRST CASE SERIES OF FECAL MICROBIOTA TRANSPLANTATION FOR RECURRENT *CLOSTRIDIUM DIFFICILE* INFECTION IN BALTIC COUNTRIES (*Rolandas Gedgaudas, Vytenis Petkevicius, Gediminas Kiudelis, Laimas Jonaitis, Juozas Kupcinskas, Limas Kupcinskas, Mindaugas Urba*)
7. CORRELATION OF FAECAL MICROBIOTA WITH LIVER STEATOSIS RISK FACTORS IN PATIENTS WITH NON-INSULIN DEPENDENT DIABETES MELLITUS (*Semanur Gündogdu, Ilze Birka, Valdis Pīrāgs, Linda Zaharenko, Ilze Elbere, Vita Rovīte, Jānis Kloviņš*)

11:00-12:45 PAEDIATRICS

Session Chairs: Ingrīda Rumba-Rozenfelde, Ilva Daugule

11:00-11:20 **Inguna Ebela** (*State-of-art*): VIOLENCE AGAINST CHILDREN AND THE INTERNATIONAL OBLIGATIONS OF THE STATE AND PHYSICIANS (15min + 5min)

11:20-12:45 (*each presentation = 7 minutes + 3 minutes for discussion*)

1. CAUSES OF SKULL FRACTURES, COMPLICATIONS AND TREATMENT OPTIONS FOR CHILDREN, 2010-2018 YEAR (*Ritvars Kalniņš, Leila Geibijeva, Daina Kalniņa, Bassel Yaacoub Wehbe, Dāvis Ozoliņš*)
2. IMPACT OF NEONATAL EARLY-ONSET SEPSIS CALCULATOR ON ANTIBIOTIC USE IN NEWBORNS WITH SUSPECTED INFECTION (*Lauma Vasīļevska, Ilze Meldere*).
3. THE ASSOCIATION BETWEEN SERUM LEVEL OF VITAMIN D AND DISEASE ACTIVITY IN JUVENILE IDIOPATHIC ARTHRITIS (*Marta Laižāne, Ieva Saulīte, Ingrīda Rumba-Rozenfelde*)
4. ASTHMA ASSESSMENT USING STEP UP AND STEP DOWN THERAPY AMONG PEDIATRIC PATIENTS (*Ilze Dambe, Silvija Remberga, Ingrīda Rumba Rozenfelde*)
5. FACTORS AFFECTING EARLY CHILDHOOD DEVELOPMENT AND HEALTH (*Anna Voitkeviča, Ilze Grope*)
6. SLEEP HYGIENE AMONG LATVIAN ADOLESCENTS (*Johanna Wojdyla, Marta Celmiņa, Anna Romanova, Egija Mičule, Ilva Daugule*)
7. PREVALANCE OF PATHOGENIC *ESCHERICHIA COLI* IN STOOLS FROM HEALTHY CHILDREN AND ASSOCIATION WITH DURATION OF BREASTFEEDING AND ALLERGIES (*Egija Mičule, Ilva Daugule, Aiva Brūmane, Marita Tīmane, Dmitrijs Perminovs, Silvija Remberga, Daiga Kārklīņa, Ingrīda Rumba-Rozenfelde*)

11:00-12:30 **PATIENT SAFETY AND ORGANIZATIONAL RESEARCH**

Session chairs: Juris Bārzdiņš (Latvia), John Tingle (United Kingdom)

11:00-11:20 **John Tingle** (*State-of-Art*): REVERSE INNOVATION AND THE WORLD PROBLEM OF PATIENT SAFETY: SHARING THE UK EXPERIENCE (15min + 5min for discussion)

11:20-12:30 (each presentation = 7 minutes + 3 minutes for discussion)

1. RELIGIOUS AND CULTURAL BELIEFS: THE POTENTIAL FOR PATIENT SAFETY TO BE COMPROMISED IN THE UNITED KINGDOM (*Clayton Ó Néill*)
2. THE ROLE OF THE TREATMENT RISK FUND IN PATIENT SAFETY CULTURE (*Agnese Bankava, Evija Palceja*)
3. MEDICATIONS WITHOUT HARM?: EXPLORING MEDICATION EXPERTISE, KNOWLEDGE-BUILDING AND FAKERY (*Morgan Shimwell*)
4. MEDICAL ERROR REPORTING SYSTEM IMPLEMENTATION POSSIBILITIES IN TWO LATVIAN HOSPITALS (*Līva Stupele*)
5. PARTICIPATION OF PATIENT'S FAMILY MEMBER(S) IN HOSPITAL CARE AS PATIENT'S RIGHT AND PATIENT SAFETY ISSUE (*Solvita Olsena*)
6. THE ROLE OF REGULATORY FRAMEWORK IN REPORTING AND LEARNING (*Evija Palceja, Agnese Bankava*)
7. ETHICAL ASPECTS OF REGISTRY-BASED MEDICAL RESEARCH IN LATVIA (*Signe Mežinska*)

INTERMISSION	REGISTRATION FOR AFTERNOON SESSIONS
13:00-14:00	13:00-13:50

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AFTERNOON SESSIONS		
(parallel)		
14:00-15:40	14:00-16:00	14:00-16:00
Gastroenterology & Gastrointestinal oncology (ESDO endorsed)	Internal Medicine & Infectious Disease	Surgery, Anaesthesiology & Intensive Care

14:00-16:00 **GASTROENTEROLOGY & GASTROINTESTINAL ONCOLOGY**
Endorsed by the European Society of Digestive Oncology (ESDO)



Session chairs: Lilian Tzivian (Latvia), Nurbek Igissinov (Kazakhstan)

14:00-15:40 (each presentation = 7 minutes + 3 minutes for discussion)

1. EPIDEMIOLOGY OF GASTRIC CANCER IN LATVIAN POPULATION (**Jelizaveta Pavlova**, Olga Sjomina, Evita Gasenko, Gunits Ancans, Ilze Kikuste, Aigars Vanags, Ivars Tolmanis, Dace Rudzite, Inese Polaka, Ilona Kojalo, Lilian Tzivian, Inta Liepniece-Karele, Sergejs Isajevs, Daiga Santare, Marcis Leja)
2. TRENDS OF STOMACH CANCER INCIDENCE IN KAZAKHSTAN (**Nurbek Igissinov**, Mārcis Leja, Niyaz Malayev)
3. GASTROESOPHAGEAL REFLUX DISEASE COMPLICATED BY BARRETT'S ESOPHAGUS IN YAKUTIA (**Elena Verkhoturova**, Aitalina Golderova, Anna Romanova)
4. THE FIRST RESULTS OF ENDOSCOPIC SURVEILLANCE OF GASTRIC PRECANCEROUS LESIONS IN LATVIA (**Zane Dzērve**, Ilze Kikuste, Ivars Tolmanis, Arnis Kiršners, Inese Poļaka, Aigars Vanags, Dans Stirna, Olga Sjomina, Mārcis Leja)
5. CHARACTERISTICS OF EPSTEIN-BARR VIRUS-POSITIVE GASTRIC CANCER IN LATVIA (**Evita Gasenko**, Sergejs Isajevs, M. Constanza Camargo, G. Johan Offerhaus, Inese Polaka, Margaret L. Gulley, Roberts Skapars, Armands Sivins, Ilona Kojalo, Arnis Kirsners, Daiga Santare, Jelizaveta Pavlova, Olga Sjomina, Elina Liepina, Liliana. Tzivian, Charles S. Rabkin, Marcis Leja)
6. GASTROPANEL RESULTS IN CAUCASIAN PATIENTS WITH GASTRIC CANCER (**Jelizaveta Pavlova**, Olga Sjomina, Evita Gasenko, Gunis Ancans, Armands Sivins, Ilze Kikuste, Aigars Vanags, Ivars Tolmanis, Dace Rudzite, Inese Polaka, Ilona Kojalo, Lilian Tzivian, Inta Liepniece-Karele, Sergejs Isajevs, Daiga Santare, Marcis Leja)
7. REPEATABILITY OF MEASUREMENTS AND CONFOUNDING FACTOR STUDY OF SNIFFPHONE E-NOSE DEVICE PROTOTYPE (Edgars Vasiljevs, **Liene Zvaigzne**, Ance Ozola, Inese Poļaka, Lelde Lauka, Carsten Jaeschke, Mārcis Leja, Hossam Haick)
8. THE INFLUENCING FACTORS OF PAIN IN CHRONIC PANCREATITIS PATIENTS (**Alise Lielaide**, Imanta Ozola-Zālīte, Agnese Ūdre, Aldis Puķītis)

9. POST ENDOSCOPIC RETROGRADE CHOLANGIOPANCREATOGRAPHY PANCREATITIS PREVENTION IN DAILY PRACTICE (*Aldis Puķītis, Imanta Ozola – Zālīte, Veit Phillip, Alexey Epstein, Alexander Hapfelmeier, David Haf, Miriam Schwab, Jonas Rosendahl, Albrecht Hofmeister, Andreas Weber, Ekin Demir, Hana Algül*)
10. FACTORS ASSOCIATED WITH BEING UP-TO-DATE WITH COLORECTAL CANCER SCREENING IN THE LATVIAN POPULATION (*Danute Razuka-Ebela, Irisa Zile, Lilian Tzivian, Daiga Santare, Inese Polaka, Sergei Parshutin, Inguna Ebela, Raul Murillo, Jin Young Park, Rolando Herrero, Marcis Leja*)

14:00-16:00 **INTERNAL MEDICINE & INFECTIOUS DISEASE**

Session chairs: Uga Dumpis, Jeļizaveta Sokolovska

14:00-14:20 Juozas Kupčinskis (*State-of-Art*): FECAL MICROBIOME TRANSPLANTATION - *C. DIFFICILE* AND BEYOND (15min + 5min for discussion)

14:20-15:50 (*each presentation = 7min + 3min for discussion*)

1. FACTORS ASSOCIATED WITH ACHIEVEMENT OF GUIDELINE - DEFINED TREATMENT TARGETS IN LATVIAN PATIENTS WITH TYPE 1 DIABETES (*Sabīne Skrebinska, Leonora Pahirko, Zane Dzērve, Laura Svīklāne, Jānis Valeinis, Valdis Pīrāgs, Jeļizaveta Sokolovska*)
2. THE IMPACT OF WEIGHT GAIN, HBA1C, ARTERIAL PRESSURE ON TYPE 1 DIABETES IN PREGNANCY (*Unda Kalķe, Kristīne Ducena, Jānis Jukonis*)
3. MISDIAGNOSIS OF TYPE 2 DIABETES MELLITUS FOR PATIENTS WITH LATENT AUTOIMMUNE DIABETES IN ADULTS IN LATVIA (*Jūlija Zavorikina, Vita Rovīte, Liene Ņikitina-Zaķe, Jānis Kloviņš*)
4. ASSOCIATION BETWEEN AGE OF THE TRANSPLANT RECIPIENTS AND RENAL TRANSPLANT FUNCTION AFTER THREE YEARS OF FOLLOW UP (*Elina Glaudina, Lilian Tzivian, Seda Arutjunana, Kristofs Folkmanis, Inese Folkmane*)
5. AN OPEN-LABEL, CROSSOVER PILOT STUDY OF ULTRA-LONG ACTING β_2 -AGONIST OLODATEROL AND SHORT-ACTING β_2 -AGONIST SALBUTAMOL BRONCHODILATOR EFFECT AFTER INHALATION IN PATIENTS WITH ASTHMA AND CHRONIC OBSTRUCTIVE PULMONARY DISEASE (*Māris Bukovskis, Marvin Dittmann, Olga Madaja, Normunds Jurka, Gunta Strazda*)
6. THE NEW RIGA AGREEMENT OF THE INTERNATIONAL CONSENSUS CONFERENCE ON NASAL AIRWAY FUNCTION TESTS AND ITS CONSEQUENCES (*Klaus Vogt, Gregor Bachmann-Harildstad*)
7. INVASIVE DISEASE CAUSED BY STREPTOCOCCUS PNEUMONIA IN PAULS STRADINS CLINICAL UNIVERSITY HOSPITAL (*Haakon Vevatne Øverland, Solvita Sederliņa, Uga Dumpis*)
8. THE IMMUNOLOGIC RESPONSE TO HEPATITIS B VACCINATION IN PERITONEAL DIALYSIS PATIENTS (*Olga Barbara Krammer, Anna Silda*)

9. COMPLICATED URINARY TRACT INFECTION AND ACUTE PYELONEPHRITIS: COMPARISON BETWEEN FERTILE AND POSTMENOPAUSAL WOMEN (*Viktorija Pogodina, Egils Vjaters*)

14:00-16:00 **SURGERY, ANESTHESIOLOGY AND INTENSIVE CARE**

Session chairs: Viesturs Boka, Armands Sīviņš

14:00-14:20 **Viesturs Boka** (State-of-art): SAFE SURGERY SAVES LIVES - GLOBAL PATIENT SAFETY CHALLENGE (15min + 5min)

14:20-16:00 (*each presentation 7 minutes + 3 minutes for discussion*)

1. MANAGEMENT OF PANCREATIC CANCER IN A SPECIALIZED HEPATO-PANCREATO-BILIARY CENTER, SHORT AND LONG TERM OUTCOMES (*Anna Udre, Haralds Plaudis, Antons Rudzats, Evita Saukane, Elina Liepina*)
2. RISK FACTORS AND PREVENTION OF ANASTOMOTIC LEAKAGE AFTER RECTAL RESECTIONS IN CANCER PATIENTS (*Sabina Dranova, Sergejs Januškevičs*)
3. LATE RESULTS OF COLON CANCER RESECTIONS IN OBESE PATIENTS (*Mantas Jodinskas, Donatas Danys, Eligijus Poškus*)
4. MONITORING OF HYPERCOAGULABILITY BY THROMBOELASTOGRAPHY IN BARIATRIC SURGERY (*Kristina Kupcinskiene, Darius Trepenaitis, Ruta Petereit, Juozas Kupcinkas, Rita Gudaityte, Almantas Maleckas, Andrius Macas*)
5. EFFICIENCY OF THE NEW METHOD OF INTRAABDOMINAL TRANSVERSUS ABDOMINIS PLANE (INTAP) BLOCK IN LAPAROSCOPIC INGUINAL HERNIA REPAIR (*Artūrs Triščenkovs, I. Ivanovs, M. Rikmane, S. Boka, V. Folkmanis, B. Mamaja, G. Pupelis*)
6. FFRCT ROLE IN PREOPERATIVE EVALUATION OF PATIENT WITH PERIPHERAL ARTERY DISEASE UNDERGOING ELECTIVE SURGERY (*Kristiāna Ulme, Edgars Zellāns, Dainis Krieviņš, Gustavs Latkovskis, Indulis Kumsārs*)
7. RESULTS OF POPLITEAL ARTERY STENT PATENCY RATES IN ASSOCIATION WITH PREOPERATIVE AND POSTOPERATIVE TIBIAL RUN-OFF SCORE (*Aina Kratovska, Andrejs Bernšteins, Sanita Ponomarjova, Patrīcija Ivanova*)
8. CALORIC INTAKE EVALUATION IN BURN PATIENTS (*Māra Melnalksne, Arnolds Jezupovs*)
9. RISK FACTORS AND MANIFESTATIONS IN DIABETIC FOOT ULCERS (*Daina Kalniņa, Svjatoslavs Kistkins, Sintija Sauša, Arnolds Jezupovs*)
10. OPTICAL 3D SCANNING IN ASSESSMENT OF SOFT TISSUE DEFECTS (*Jānis Fridrihsons, Arnolds Jezupovs*)

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POSTER PRESENTATIONS

please see respective schedules in the conference programme overview (page 2)

each presentation = 4min + 2min for discussion

BASIC MEDICAL SCIENCE

Session chairs: Immanuels Taivāns, Ieva Tolmane, Kristīne Ducena

1. ENTEROCYTE IRON TRANSPORT AND HOMEOSTASIS: ROLE OF INTRACELLULAR COMPARTMENTS (*Jurijs Markovs, Gundega Knipse, Dzanna Krumina, Agate Galuza*)
2. IN-PATIENT BENZODIAZEPINE DETOXIFICATION: PECULIARITIES OF CONSUMPTION AND DEMOGRAPHY (*Gabija Valauskaite, Deima Eitmontaite, Robertas Badaras*)
3. BACKGROUND LEVEL OF DNA DAMAGE DETERMINED IN WHOLE BLOOD AND LYMPHOCYTES OF MULTIPLE SCLEROSIS PATIENTS (*Vitālijs Borisovs, Elīna Leonova, Jolanta Kalnina, Natalia Mjagkova, Nikolajs Sjakste*)
4. STUDIES OF IMMUNOMODULATORY EFFECTS OF VISCUM ALBUM IN *IN VITRO* MODELS (*Arta Denina, Una Riekstiņa*)
5. THE *IN VITRO* EFFICACY COMPARISON OF TWO HERBAL FORMULATIONS USED FOR CHRONIC WOUND HEALING (*Baiba Zandersone, Somit Kumar, Valdis Pirags, Iveta Liduma, Arnolds Jezupovs, Agnese Zvaigzne, Sujith Subash Eranezath, Tatjana Tračevska*)
6. 4-PHASE- RHINOMANOMETRY DATA IN DIFFERENT AGES AND ITS CORRELATION WITH AGE AND ANTHROPOMETRIC PARAMETERS (*Mārtiņš Blumbergs, Līga Akmeņkalne, Laura Grava, Dārta Nīmane, Kaspars Peksis, Klaus Vogt*)
7. VISUAL ACUITY AND INTRAOCULAR PRESSURE CHANGES AFTER CONVENTIONAL AND FEMTOSECOND LASER-ASSISTED CATARACT SURGERY (*Dārta Nīmane, Laura Grava, Igor Solomatin*)
8. DRY EYE SYNDROME DEVELOPMENT AFTER LASIK REFRACTIVE SURGERY (*Jūlija Meščerjakova, Dārta Nīmane, Jana Gertnere, Igor Solomatin*)
9. CORRELATION BETWEEN SUBJECTIVE AND OBJECTIVE VISUAL ACUITY AFTER PHACOEMULSIFICATION (*Marta Jasa, Vita Lāčplēse, Guna Laganovska*)
10. THE EFFICACY OF DISINFECTANTS AGAINST MULTIDRUG RESISTANT MICROORGANISMS (*Iveta Līduma, Elza Dzērve, Elza Vazdiķe, Aija Žileviča, Arnolds Jezupovs, Tatjana Tračevska*)
11. ENDOMETRIOSIS NODE IN GYNEACOLOGICAL SCARS (*Katrīna Bandere, Līna Lazdiņa, Marta Paeglīte, Sergejs Isajevs*)

CARDIOVASCULAR MEDICINE

Session chairs: **Gustavs Latkovskis, Andrejs Ērglis**

1. AUTOLOGOUS BONE MARROW MONONUCLEAR STEM CELL INTRACORONARY TRANSPLANTATION: EXPERIENCE IN LATVIAN CARDIOLOGY CENTER (*Ieva Briede, Emma Sokolova, Inga Narbute, Indulis Kumsars, Dace Sondore, Karlis Trusinskis, Sanda Jegere, Gustavs Latkovskis, Andis Dombrovskis, Kristine Dombrovska, Ainars Rudzitis, Karlis Strengē, Agnese Strengē, Kristine Spalva, Raimonds Mikijanskis, Eriks Jakobsons, Liene Patetko, Simona Krapse, Baiba Rupaine, Kristaps Erglis, Martins Erglis, Andrejs Erglis*)
2. EFFECT OF NORDIC WALKING ON CARDIOVASCULAR INDICATORS (*Jānis Kangars, Jūlija Boļšakova, Inese Pontaga*)
3. OXIDATIVE STRESS PARAMETERS, DEPRESSION SYMPTOMATICS AND QUALITY OF LIFE LEVEL IN PATIENTS WITH PRIMARY AND RECURRENT STABLE CORONARY HEART DISEASE (*Tarass Ivascenko, Vladimirs V. Voicehovskis, Julija G. Voicehovska, Andrejs Skesters, Oskars Kalejs, Ketija Apsite, Julija Grigorjeva*)

GASTROENTEROLOGY

Session chairs: **Ivars Tolmanis**

1. PERCUTANEUS ENDOSCOPIC GASTROSTOMY – RETROSPECTIVE CASE ANALYSIS (*Diāna Riekstiņa, Eduards Krustiņš*)
2. AN ANALYSIS OF PATIENTS DATA OF THE END STAGE LIVER DISEASE REGISTRY (*Eva Cine, Jeļena Ivanova, Aiga Stāka, Poļina Zaļizko, Nora Aleksīna, Elizabete Linīna, Edīte Beķere, Aldis Puķītis*)
3. RESULTS OF URSODEZOXYCHOLIC ACID USE IN GASTROESOPHAGEAL REFLUX DISEASE (*Maryna Shcherbynina, Victoria Gladun*)
4. FACTORS INFLUENCING QUALITY OF BOWEL PREPARATION FOR COLONOSCOPY (*Nora Aleksīna, Eduards Krustiņš, Aldis Puķītis*)
5. DIABETES MELLITUS RISK FACTORS IN CHRONIC PANCREATITIS PATIENTS (*Nora Aleksīna, Imanta Ozola – Zālīte, Eva Cine, Jeļena Ivanova, Aldis Puķītis*)
6. ASSESSMENT OF TWO PLASMA ANTIBODY TESTS AND STOOL ANTIGEN TEST FOR DETECTION OF *HELICOBACTER PYLORI* IN MIDDLE-AGED CAUCASIAN POPULATION WITH DECREASED PEPSINOGEN LEVELS (*Sabine Skrebinska, Ilva Daugule, Daiga Santare, Sergejs Isajevs, Inta Liepniece-Karele, Dace Rudzite, Ilze Kikuste, Aigars Vanags, Ivars Tolmanis, Juris Atstupens, Jin Young Park, Rolando Herrero, Marcis Leja*)
7. THE IMPACT OF TUMOUR INVASION DEPTH AND DIFFERENTIATION ON MEDIAN SURVIVAL IN PATIENTS WITH STAGE IV GASTRIC CANCER (STAGE IV GASTRIC CANCER) (*Renāte Kaminska, Unda Kaļķe, Sigita Hasnere*)

GYNAECOLOGY

Session chair: Margarita Puķīte

1. SLEEP DEPRIVATION AND ASSOCIATION WITH DEPRESSION SYMPTOMS AMONG PREGNANT WOMEN IN LATVIA (*Nina Šakele, Nikita Šakels Jūlija Meščerjakova, Larisa Tomkoviča*)
2. DATA COMPARISON BETWEEN PHARMACOLOGICAL INDUCTION OF LABOUR AND SPONTANEOUS DELIVERY (*Santa Ūdre, Viktorija Šalajeva, Darja Arīna Miškina, Pāvels Srebnis, Zane Krastiņa*)
3. CONTRACEPTIVE UNDERSTANDING AMONG YOUNG FEMALE ADOLESCENTS (*Kristiāna Čačka, Līga Gaisiņa, Evelīna Korsaka, Dainis Balodis*)
4. ENDOMETRIOSIS NODE IN ECTOPIC PELVIC ORGANS (*Katrīna Bandere, Līna Lazdiņa, Marta Paeglīte, Sergejs Isajevs*)
5. USE OF HORMONAL CONTRACEPTIVES AND PREMENSTRUAL SYMPTOMS IN THE POPULATION OF FEMALE STUDENTS STUDYING IN RIGA, LATVIA (*Aylin Memis, Valdis Folkmanis, Lilian Tzivian*)

INTERNAL MEDICINE & INFECTIOUS DISEASE

Session chairs: **Gunta Strazda, Jelīzaveta Sokolovska**

1. THROMBOSIS RELATED ABO, F5, MTHFR, AND FGG GENE POLYMORPHISMS IN MORBIDLY OBESE PATIENTS (*Kristina Kupcinskiene, Martyna Murnikovaite, Greta Varkalaite, Simonas Juzenas, Darius Trepnaitis, Ruta Petereite, Juozas Kupcinskis, Almantas Maleckas, Andrius Macas*)
2. ANTIBIOTIC RESISTANCE FEATURES OF *STAPHYLOCOCCUS AUREUS* IN VILNIUS HOSPITALS FROM 2015 TO 2017 (*Lina Kapleriene, Agne Kirkliauskiene*)
3. COMPARISON OF COMPLICATED URINARY TRACT INFECTIONS AND ACUTE PYELONEPHRITIS IN MEN AND WOMEN (*Viktorija Pogodina, Egils Vjaters*)
4. ASSOCIATION BETWEEN MAGNESIUM INTAKE AND CLINICAL OUTCOMES IN PERITONEAL DIALYSIS PATIENTS (*Ilze Valaine, Lolita Vija Neimane*)
5. ASSOCIATION BETWEEN BODY MASS INDEX AND BRONCHIAL HYPERREACTIVITY TO METHACHOLINE (*Krista Luīze Bicāne, Gunta Strazda, Normunds Jurka, Valentīna Gordjušina, Immanuel Taivans*)
6. CHANGES OF ANKYLOSING SPONDYLITIS (AS) ACTIVITY AS A RESULT OF THE TREATMENT OF BIOLOGICAL MEDICINAL PRODUCTS (*Aļina Ašmane, Olga Leitāne, Laura Grava, Martiņš Blumbergs, Daina Andersone*)
7. EVALUATION OF NASAL VENTILATION OF PATIENT WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE (*Kristīne Jakone, Gunta Strazda, Normunds Jurka, Kaspars Peksis, Valentīna Gordjušina, Immanuel Taivans*)
8. VITAMIN D LEVEL IN BLOOD FOR CARDIOVASCULAR RISK GROUP PATIENTS IN OUTPATIENT HEALTH CARE (*Inīta Iličuka, Dagnija Gulbe*)
9. CORRELATION BETWEEN ROSACEA AND SYSTEMIC CHRONIC INFLAMMATION (*Milena Jakuba, Mara Rone-Kupfere*)
10. ANALYSIS OF SURFACE MICROBIOLOGICAL CONTAMINATION IN LATVIAN HOSPITALS (*Marina Bogdanova, Angelika Krūmiņa*)

PAEDIATRICS

Session chairs: **Inguna Ebela, Sarmīte Kupča**

1. FACTORS ASSOCIATED WITH GHRELIN LEVELS AMONG CHILDREN AND ADOLESCENTS WITH OVERWEIGHT AND OBESITY (*Ieva Strauhmane, Ilva Daugule, Irēna Rinkuža, Ingrīda Rumba-Rozenfelde*)
2. INFANT BREAST MILK COMPOSITION AND ASSOCIATED FACTORS (*Laura Lagzdīņa, Līga Broka, Ilva Daugule, Inga Ciproviča, Ingrīda Rumba-Rozenfelde*)
3. AUTOIMMUNE INDICATORS IN PEDIATRIC ARTHRITIS PATIENTS (*Liene Maulica, Sandra Feierābende, Ieva Saulīte, Ilva Daugule, Ingrīda Rumba-Rozenfelde*)
4. COMPARISON OF EFFICACY OF THE MONTESSORI THERAPY AND APPLIED BEHAVIOR ANALYSIS THERAPY IN CHILDREN WITH AUTISM SPECTRUM DISORDERS (*Aleksandrs Vasiļonoks, Marija Namestnikova, Nina Šakele, Nikita Šakels, Valdis Folkmanis, Lilian Tzivian*)
5. PREVELANCE OF IGE-RELATED ALLERGY AND ASSOCIATION WITH RISK FACTORS IN A GROUP OF LATVIAN CHILDREN WITH FOOD ALLERGY (*Marija Namestnikova, Ilva Daugule*)
6. QUALITY OF LIFE IN OVERWEIGHT AND OBESE CHILDREN IN LATVIA (*Madara Rudzāte, Kristīne Kurtiša, Irēna Rinkuža, Ingrīda Rumba-Rozenfelde*)
7. PEDIATRIC INTRA-ABDOMINAL ABSCESS MANAGEMENT IN CHILDREN'S HOSPITAL, AFFILIATE OF VILNIUS UNIVERSITY HOSPITAL SANTAROS KLINIKOS (*Diana Maldžiūtė, Raminta Martinaitė, Jonas Puodžius, Kęstutis Trainavičius*)
8. COMPARISON OF CHILDREN RECEIVING ANTIBIOTIC THERAPY WITH CHILDREN UNDERGOING APPENDECTOMY FOR TREATMENT OF ACUTE APPENDICITIS (*Leila Geibijeva, Ritvars Kalniņš, Lilian Tzivian, Valdis Folkmanis, Paulis Laizāns*)
9. MATERNAL RISK FACTORS FOR STILLBIRTH: POPULATION BASED STUDY (*Irisa Zīle, Inguna Ebela, Valdis Folkmanis, Ingrida Rumba-Rozenfelde*)
10. CONSERVATIVE AND OPERATIVE TREATMENT OF PANCREATIC INJURY IN CHILDREN'S HOSPITAL, AFFILIATE OF VILNIUS UNIVERSITY HOSPITAL SANTAROS KLINIKOS (*Agnė Matuolytė, Rūta Vilija Dagilytė, Kęstutis Trainavičius*)
11. ATTACHMENT STYLE AND ILLNESS BEHAVIOUR IN MIDDLE CHILDHOOD PRIMARY CARE ATTENDERS WITH FUNCTIONAL SOMATIC SYMPTOMS (*Andis Užāns, Gunta Užāne, Vija Siliņa*)
12. THE ROLE OF ADOLESCENT PSYCHOTHERAPY IN HEALTH CARE SYSTEM (*Inta Zīle, Valdis Folkmanis, Lilian Tzivian*)
13. THE MOST FREQUENT VISUAL APPARATUS DISEASES AMONG PATIENTS WITH CLEFT LIP AND/OR PALATE (*Arina Tupīte, Artjoms Tupīts*)

NEUROLOGY AND PSYCHIATRY

Session chairs: **Ligita Smeltere, Marina Loseviča**

1. DEPRESSION AND QUALITY OF LIFE AMONG LATVIAN DIABETIC PATIENTS: A CROSS-SECTIONAL STUDY (*Veronika Jakupceviča*)
2. THE FREQUENCY OF PSYCHIATRIC DISORDERS IN WOMEN OF REPRODUCTIVE AGE IN RIGA MATERNITY HOSPITAL (*Linda Rubene, Elmārs Rancāns*)
3. COMORBIDITY OF ANXIETY, DEPRESSION AND HYPOCHONDRIASIS IN GASTROENTEROLOGICAL PATIENTS (*Lukas Aranauskas, Deima Eitmontaitė*)
4. PSYCHE AND THE SKIN: A MULTIDISCIPLINARY APPROACH (*Andreia Esteves Morete, Silvestrs Rubins*)
5. OCCIPITAL NEURALGIA TREATMENT EFFECTIVENESS USING NERVE BLOCK TECHNIQUE: RETROSPECTIVE ANALYSIS OF 44 PATIENTS (*Raimondas Juškys, Gytis Šustickas*)
6. FREQUENCY OF HLA-DRB1 GENE HAPLOTYPES IN PATIENTS WITH MULTIPLE SCLEROSIS IN LATVIAN POPULATION (*Gundega Kauke, Dace Ziemele, Lana Vainsteine, Gundega Gulbe, Evija Gutmane, Guntis Karelis, Viktorija Kenina, Angelika Krumina, Andrejs Millers*)
7. RELATIONSHIP BETWEEN 25-HYDROXYVITAMIN D LEVEL AND DISEASE ACTIVITY IN PATIENTS WITH RELAPSING-REMITTING MULTIPLE SCLEROSIS (*Aleksandra Jeničeka*)
8. BACK PAIN AMONG MEDICAL STUDENTS (*Zanda Arājuma, Anna Romanova, Juris Dzenis*)
9. DIFFERENCES IN CLINICAL AND RADIOLOGICAL CRITERIA BETWEEN SURVIVORS OF SPONTANEOUS INTRACEREBRAL HEMMORRHAGE AND LETHAL CASES (*Zanda Arājuma, Juris Dzenis*)

PUBLIC HEALTH

Session chairs: Solvita Olsena, John Tingle

1. OCCUPATIONAL DISABILITY IN MUSCULOSKELETAL DISEASES – EXPLORATORY ANALYSIS OF PERSONALISED SOCIAL SECURITY DATA (*Juris Bārzdīņš, Rita Konstante*)
2. NATIONAL STUDY ON AGE, AGING AND WORKABILITY – VALIDATION OF STUDY QUESTIONNAIRES (*Natalja Karpova, Inga Priede, V. Folkmanis, Lilian Tzivian*)

ONCOLOGY

Session chairs: Sergejs Isajevs

1. EVALUATION OF CLINICAL, MORPHOLOGICAL AND PROGNOSTIC CHARACTERISTIC OF BASAL CELL CARCINOMA (*Margarita Tatičeka, Sergejs Isajevs*)
2. THE ASSOCIATION OF LUNG CANCER HISTOLOGICAL SUBTYPES WITH AIRFLOW LIMITATION AND BEHAVIOUR (*Selga Savčenko, Viktorija Krēgere, Alvilis Krams, Sergejs Isajevs*)

3. TREATMENT EVALUATION OF OLAPARIB IN PATIENTS WITH BRCA MUTATION POSITIVE OVARIAN CANCER IN ONCOLOGY CENTRE OF LATVIA (*Zane Munkena, Unda Druska, Zanete Zvirbule, Alinta Hegmane, Evita Gasenko, Signe Plate*)
4. THE HISTOPATHOLOGICAL CHARACTERISTICS OF THE ORAL SQUAMOUS CELL CARCINOMA (*Tatjana Zablocka, Elza Dzērve, Elza Vazdiķe, Zenta Lakovica, Sergejs Isajevs*)
5. CORRELATION OF THE FREQUENCY OF SARCOMA RECURRENCE WITH THE PATIENT'S AGE (*Dana Cmaka, Jūlija Blaževiča, Sigita Hasnere*)
6. ROLE OF DYNAMIC CONTRAST ENHANCED IMAGES IN mpMRI PROTOCOL FOR PROSTATE CANCER AND EXTRACAPSULAR EXTENSION DETECTION (*Katrina Brauna, Mara Tirane, Maija Radzina, Peteris Prieditis, Egils Vjaters, Karlis Miculis*)
7. UPGRADING AND DOWNGRADING OF GLEASON SCORE IN PATIENTS WITH PRE-OPERATIVE BIOPSY AFTER RADICAL PROSTATECTOMY (*Andris Romašovs, Egils Vjaters, Edgars Vasiljevs*)
8. INCREASED CD9A EXPRESSION IN PROSTATE CANCER COMPARED TO BENIGN PROSTATE HYPERPLASIA (*Kristofs Folkmanis, Janis Eglitis, Valdis Folkmanis, Sergejs Isajevs*)
9. CAN THE METABOLIC ATTRIBUTION OF LESIONS ACQUIRED FROM PET/CT PREDICT THE PRIMARY TREATMENT OUTCOME OF HODGKIN LYMPHOMA? (*Laura Žilevičē, Donatas Vajauskas*)

SURGERY, ANESTHESIOLOGY AND INTENSIVE CARE

Session chairs: Arnolds Jezupovs, Igors Ivanovs

1. SURGICAL WAIT TIME AND 30-DAY MORTALITY FOR PATIENTS WITH HIP FRACTURE (*Jānis Jukonis, Sergejs Zadorožņijs, Unda Kaļķe, Pēteris Jukonis*)
2. MORTALITY IN PATIENTS WITH NON-TRAUMATIC AMPUTATIONS (*Kirills Fokins, Aleksandra Panova, Madara Kalniņa*)
3. THE EFFECTIVENESS OF TREATMENT OF DEEP VEIN THROMBOSIS OF LOWER EXTREMITIES WITH PERCUTANEOUS TRANSLUMINAL ANGIOPLASTY AND STENTING (*Anna Ūdre, Aina Kratovska, Sanita Ponomarjova, Patrīcija Ivanova*)
4. MANAGEMENT AND FACTORS PREDICTING THE RECURRENCE OF SPONTANEOUS PNEUMOTHORAX: A RETROSPECTIVE TERTIARY CENTRE STUDY (*Rugilē Strobeikaitē, Žymantas Jagelavičius*)
5. LAPAROSCOPIC AND OPEN REPAIR SURGERY COMPARISON OF THE PERFORATED GASTRODUODENAL ULCERS (*Mārtiņš Blumbergs, Laura Grava, Dārta Nīmane, Olga Leitāne, Aļina Ašmane, Igors Ivanovs*)
6. EVALUATION OF BARIATRIC SURGERY PATIENT'S WEIGHT REDUCING EXPERIENCE (*Guna Bīlande, Maksims Mukāns, Igors Troickis, Egons Liepiņš, Oļegs Kozlovskis, Juris Žarinovs, Guntars Selga*)
7. EXPERIENCE REMOVAL OF XANTHELASMA PALPEBRARUM USING THE METHOD OF PLASMA SUBLIMATION (*Ingrīda Ritina, Silvestrs Rubins, Andris Rubins*)
8. ELEVATION OF THE POSTOPERATIVE LEVEL OF ANALGESIA AFTER *N. ISCHIADICUS* BLOCK WITH MULTIMODAL PAIN PROTOCOL IN LOWER

EXTREMITY SURGERIES (*Arnija Reihmane, Aleksejs Miščuks, Iveta Golubovska, Rota Vēciņa, Svens Rubulis*)

9. PREDICTION OF DIFFICULT TRACHEAL VIDEOLARYNGOSCOPIC INTUBATION USING EL-GANZOURI RISK INDEX (*Antons Zakalkins, Sigita Kazūne*)
10. BARRIERS HINDERING EARLY MOBILIZATION IN CRITICALLY ILL PATIENTS IN PAULS STRADINS CLINICAL UNIVERSITY HOSPITAL'S INTENSIVE CARE UNIT (*Līva Jasote, Inese Kokare, Ilze Hāznere, Ilze Valaine, Anita Trokša, Jevgēnijs Šusts*)

If there are any questions regarding the conference programme please contact the Conference Organizing Committee at medkonference2018@lu.lv

