

7th International Conference on Neurology and Brain Disorders

Day 2 - November 09, 2023

Meeting Hall: El Dhiyafa 2

Keynote Presentations

10.00 - 10.40	Trigeminal Neuralgia, Differential Diagnosis and Update on Treatment Hossein Ansari , Kaizen Brain Center, University of California, San Diego, USA
10.40 - 11.20	Developmental and Epileptic Encephalopathies: Analysis of A Cohort of Children with Genotype/Phenotype Correlation Gabriella Di Rosa , University of Messina, Italy

Refreshments Break (11:20 - 11.45) @Banquet Pre Function Area

Oral Presentations

Chair	Madjidova.Y.N , Tashkent Pediatric Medical Institute, Uzbekistan
Co-Chair	Botir Daminov , Tash PMI, Uzbekistan
Sessions:	Migraine and Facial Pain, Neurological Disorders and Stroke, Pediatric Neurology and Epilepsy, Clinical Neurophysiology and Stroke, Brain Stimulation and Imaging, Molecular Neuroscience and Neurodegeneration
11.45 - 12.10	Potential Reversal of Alzheimer's Disease pathology by Antibody TB006 Targeting Galectin-3, a Major Cause of Oligomerization of Amyloid Proteins Suhail Rasool , True Binding Inc., USA
12.10 - 12.35	Synergistic Effect of Brain Stimulation with Constraint Induced Movement Therapy for Functional Neuroplasticity in Children with Hemiparetic Cerebral Palsy: A Randomized Control Trial Mufti Aliya , All India Institute of Medical Sciences, India
12.35 - 13.00	To Study the Effectiveness of a New Consensus on Improving the Biomechanics of the Ankle Joint In Patients After Stroke Madjidova.Y.N , Tashkent Pediatric Medical Institute, Uzbekistan

Lunch (13.00 - 14.00) @ All Day Dining Restaurant

14.00 - 14.25	Autism and its Treatment with Microcurrent Reflexotherapy Khusenova N.T , Tashkent Pediatric Medical Institute, Uzbekistan
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Poster Presentations

Poster Judge	Hossein Ansari , Kaizen Brain Center, University of California, San Diego, USA
Poster Judge	Suhail Rasool , True Binding Inc., USA
14.25 - 14.40	Unmasking Autoimmune Encephalitis: Hidden Threats to Brain Health Harjeet Kaur , Universidad Central del Caribe, Puerto Rico
14.40 - 14.55	Clinical Diagnostic Features of Parkinson's Disease Dementia Okhunova D.A , Tashkent Medical Academy, Uzbekistan
14.55 - 15.10	Vertebro-Basilar Insufficiency: Neurophysiological Features Aripova Feruza Mirzaxodjayevna , Republican Specialized Center for Surgical Angioneurology, Uzbekistan

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15.10 - 15.25	Post-Stroke Epilepsy: Management of Diagnosis and Introduction of Patients Sobirova Donokhon Saidaskarxanovna , 7th Clinical City Hospital, Uzbekistan
15.25 - 15.40	Short-Term Restriction of Hypertensive ISIAH Rats Leads to Activation of Hypothalamic Neurons and Increased Blood Pressure Levels Yulia V. Makovka , Siberian Branch of Russian Academy of Sciences, Russia
15.40 - 15.55	Characteristics of Pain Syndrome in Postherpetic Neuralgia of the Trigeminal Nerve with Comorbid Herpes Virus Infection Rasulova Raykhon Parдавna , Termez Branch of TMA, Uzbekistan
15.55 - 16.10	The Role of Immune-Inflammatory Biomarkers in 3-Months Outcome in Acute Ischemic Stroke Abdurakhmonova Kutlibika Bakhtiyorkizi , Tashkent Medical Academy, Uzbekistan

Networks & Refreshments (16:10 - 16:30)@ Banquet Pre Function Area

16.30 - 16.45	Clinical Pathogenetic Features and The Differentiated Approaches to Treatment of the Arterial Hypertension Associated with Chronic Cerebrovascular Insufficiency Nargiza Makhkamova , Republican Specialized Centre of Cardiology, Uzbekistan
16.45 - 17.00	Assessment of Daytime Sleepiness in Patients with Epileptic Seizures During Sleep Kalandarova S.X , Tashkent Medical Academy, Uzbekistan
17.00 - 17.15	Fundamentals of Neurorehabilitation of Patients with Fine Motor Disorders and the Mobile Application "Stroke Assist" D.K. Rasulova , Tashkent Medical Academy, Uzbekistan
17.15 - 17.30	Delayed Speech Development in Children the Consequences of using Mobile Applications together with Medications in their Treatment Qosimova Zarrina Aslonovna , Tashkent Medical Academy, Uzbekistan
17.30 - 17.45	Clinical Course of Cavernous Sinus Thrombosis after COVID-19 Said-Ahmedova S.K , Tashkent Medical Academy, Uzbekistan
17.45 - 18.00	Clinical and Neurological Characteristics of Patients With Chronic Cerebral Ischemia Mirkhayotova N.A , Tashkent Medical Academy, Uzbekistan
18.00 - 18.15	The Effects of Anticonvulsants on Vitamin D Levels and Bone Metabolism in Women with Epilepsy Yusupova D.Y , Tashkent Medical Academy, Uzbekistan
18.15 - 18.30	The Significance of Dhea-S and Vegf Markers in Patients with Frailty Syndrome Yusupova D.Y , Tashkent Medical Academy, Uzbekistan

Day 2 Concludes

Panel Discussion - Awards & Closing Ceremony followed by Vote of Thanks

Virtual Presentations

7th International Conference on **Neurology and Brain Disorders**

Day 1 (November 08, 2023)

11.00 - 11.15 Introduction

Oral Presentations

11.15: 11.45 Dementia Application for Diagnosis & Tracking (DADT)
Soubhik, Manastik, India

11.45: 12.15 Cryptochlorogenic Alleviates the Jmjd3-Mediated Endothelial Cells Injury in Alzheimer's Disease
Fei Guo, Ningbo University, China

12.15 - 12.45 Endovascular Therapy for Acute Tandem Occlusions Due to Internal Carotid Artery Atherosclerotic
Li Wei, Hainan Medical University, China

12.45 - 13.15 Association Between Iron Deficiency Anaemia and Ischaemic Stroke
Preethy Manoj, Royal College of Surgeons in Ireland, Ireland

Lunch(13.15 - 13.45)

13.45 - 14.15 Radiolabeling FTY-720 with [99mTc]Tc: Assessing Biological Affinity for Neurodegenerative Diseases
Emre Uygur, Manisa Celal Bayar University, Turkey

14.15 - 14.45 Neurophysiological Grading Tool of Ulnar Nerve Entrapment Across Wrist and across Elbow with Case Presentation
Salim Hirani, Ysbyty Gwynedd Hospital, United Kingdom

14.45 - 15.15 Comparison of rhFGF18 and rhGDF11 Safety, Efficacy, and Mechanistic Activity in the Treatment of Ischemic Stroke
Alex Goraltchouk, Remedium Bio, USA

15.15 - 15.45 The Fractal Geometry of Alzheimer's Disease Toward Better Cognitive Assessment: Challenges and Steps Forward
Tahmineh Azizi, University of Wisconsin-Madison, USA

15.45 - 16.15 The Effect of Donepezil on Aphasia Post-Stroke: A Literature Review
Salman Elgharbawy, Southern illinois University, USA

Day 1 Concluded

7th International Conference on
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Day 2 (November 09, 2023)

11.00 - 11.15 Introduction

Oral Presentations

11.00 - 11.30 Neuropsychology of Addiction: The Role of Aging In Declining Executive Functioning Young Adult with Drug Addiction

Shameem Fatima, COMSATS University Islamabad, Pakistan

11.30 - 12.00 Genome Based Therapeutics: Era of Precision Medicine in Genetic Epilepsies and Epileptic Encephalopathies

Smilu Mohanlal, Aster Malabar Institute of Medical Sciences, India

Poster Presentations

12.00 - 12.15 Clinical and Genetic Characteristics of Patients with Ischemic Stroke, A Prospective Study of the Risks of Recurrent Strokes, Machine Learning

Anastasia S. Gunchenko, Pirogov Russian National Research Medical University, Russian Federation

12.15 - 12.30 Blood Hyperviscosity Syndrome Through Essential Polycythemia - Cause of Ischemic Stroke

Andrei-Lucian Zaharia, Dunarea de Jos University of Galati, Romania

12.30 - 12.45 Post-Stroke Epileptic Seizures

Ilxomova S.X, Tashkent Medical Academy, Uzbekistan

12.45 - 13.00 A Rare Presentation of Wound Botulism Neurotoxicity: A Case Report

Mai Elrayes, Northern Care Alliance NHS Trust, United Kingdom

13.00 - 13.15 EBV Evades Immune Surveillance in the Multiple Sclerosis Brain Through the PD-1/PDL1 Axis

B. Serafini, Istituto Superiore di Sanità, Italy

Supporting Organizations



**Tashkent Medical Academy
Uzbekistan**

Tashkent Medical Academy is one of the Central Asian's leading research and teaching university with Multidisciplinary Clinic



**Tashkent Pediatric Medical Institute
Uzbekistan**

Tashkent Pediatric Medical Institute was organized in 1972 and is the leading institute in the direction of education "Pediatrics". Over 46 years of its work, more than 29,500 highly qualified doctors have been trained

Day-2
Poster Presentations

CLINICAL AND NEUROLOGICAL CHARACTERISTICS OF PATIENTS WITH CHRONIC CEREBRAL ISCHEMIA

Mirkhayotova N and Rakhimbayeva G S

Tashkent Medical Academy, Uzbekistan

Abstract

Background: Vascular diseases of the brain are an urgent medical and social problem. Mortality from cerebrovascular diseases in economically developed countries is 11-12% and is second only to mortality from heart diseases and tumors of all localizations.

Objective: To study the progression of cerebrovascular insufficiency against the background of the combined course of hypertension and atherosclerosis, depending on gender and age.

Methods: A comprehensive examination of 90 patients with Chronic cerebral ischemia of stage I, II and III on the background of arterial hypertension, cerebral atherosclerosis was conducted. The age of the patients was in the following range - 56-84 years (average age 69.7 ± 8.1 g). The diagnosis and stages of CHCI were established using criteria adopted in our country based on the results of clinical neurological, neuropsychological and instrumental (duplex scanning, MRI of the brain) examinations of patients.

All the examined patients were divided into 3 groups. Group I consisted of 30 patients with CHCI I, average age 63.1 ± 5.1 years, of which 13 men (43.3%) and 17 women (57.7%), the ratio of men: women was 0.8:1.0. Group II included 30 patients with CHCI II at an average age of 74.2 ± 8.4 years, including 16 men (53.3%) and 14 women (46.7%). Group III included 30 patients with CHCI III aged 79.6 ± 9.4 , of whom 12 were men and 18 were women. The control group (CG) included 20 patients, 10 men and 10 women with an average age of 63.1 ± 6.4 years.

Results: All patients presented complaints characteristic of cerebrovascular pathology. Complaints of group I patients were presented either as separate symptoms of headache, dizziness, decreased memory, mental performance, headache, dizziness, noise in the head.

Conclusion: Thus, among patients with CHCI, women slightly prevailed - 59 people (53.6%), the gender index was - men-women - 0.9:1.0. During clinical and neurological examination, it was revealed that with the progression of CHCI, complaints become more pronounced and at the expanded stages, a different spectrum of organic disorders of behavior, mood, personality is clearly demonstrated. From this it should be concluded that the prevention of the progression of cerebrovascular insufficiency against the background of the combined course of hypertension and atherosclerosis should be started at the early stages of the formation of this syndrome.

Biography

Mirkhayotova Nozimakhon graduated from the master's degree in neurology at the Tashkent Pediatric Medical Institute. Currently, she is a doctoral student in the Department of Neurology of TMA. The scientific work consists in studying the features of perfusion and metabolism of the brain in patients with chronic cerebral ischemia.