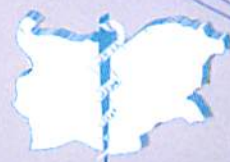


Bulgaria, Sofia  
8-11 May, 2014



XIII International Congress  
of Medical Sciences  
Sofia, Bulgaria  
8-11 May, 2014

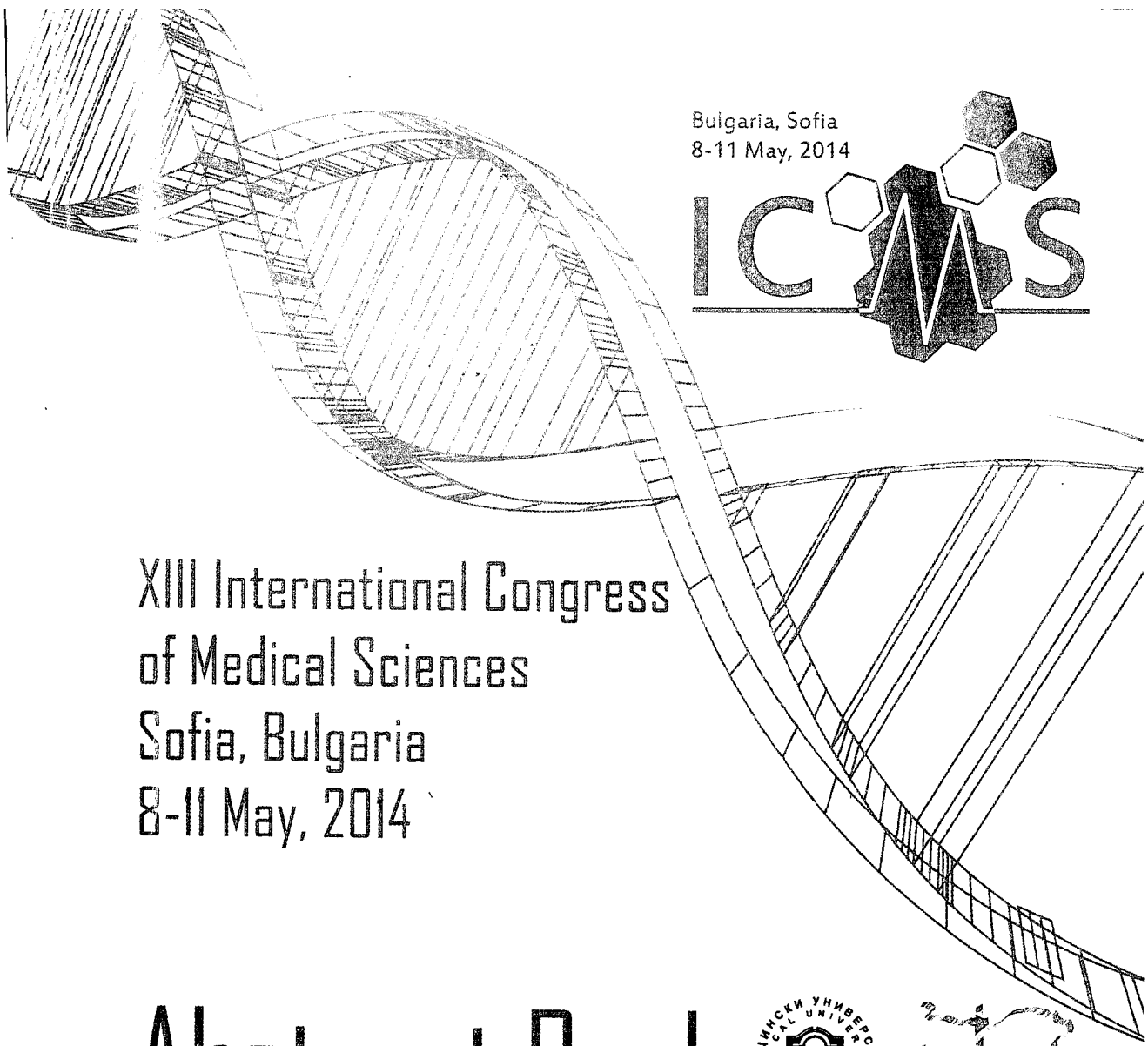
# Abstract Book



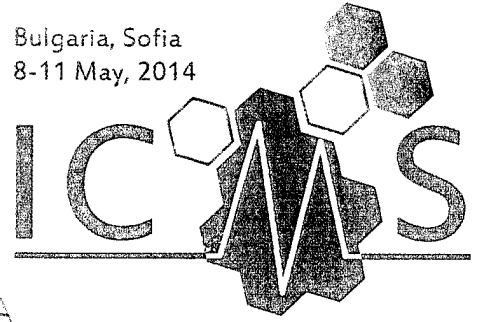
International Congress of Medical Sciences

Medicine behind molecules  
What more can genes tell us?

Supplement to issue 1/2014  
Tribuna Medica LXVI



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# Abstract Book



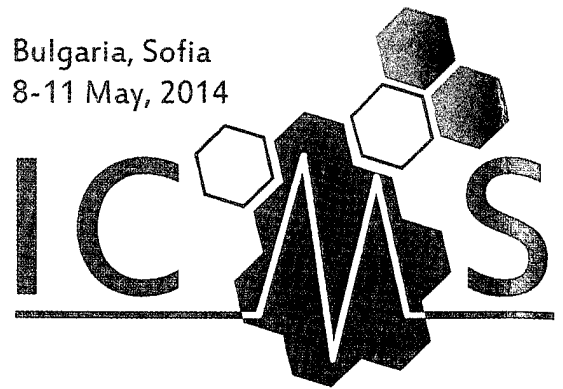
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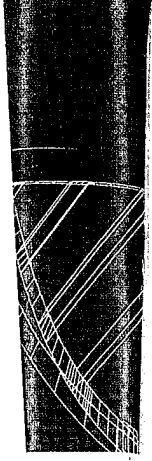
# Information Booklet

Bulgaria, Sofia  
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International Congress of Medical Sciences  
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XIII  
INTERNATIONAL CONGRESS  
OF  
MEDICAL SCIENCES



08 - 11 May  
SOFIA, BULGARIA



## Preclinic Oral 1

Olha	Balashchuk	Changes in morphometric parameters and cluster structure of the bladder urothelial cells on the 28th day of experimental diabetes
Amil	Musaev	Anatomical macropreparations polymeric embalming with technical polymers
Nikola	Tomov	Effect of cell cycle inhibition on microglial activation following dopaminergic cell transplantation in a Parkinson's disease model
Alexander	Angelov	A rare variation of the liver blood supply - anatomical and clinical considerations
Danail	Pavlov	Gastroprotective and hepatoprotective effects of aqueous infusion from <i>Cotinus coggygria</i> leaves in rats
Mina	Cvetkovic	THE EFFECT OF CAFFEINE ON ETHANOL INDUCED OXIDATIVE STRESS IN LIVER
Brankica	Dimitrijevic	Superoxide dismutase and glutathione peroxidase among obese postmenopausal women
Stefan	Barisic	Glutathione peroxidase 1 gene polymorphism in patients with end stage renal disease
Roman	Fafula	Prospects for research in enzyme activity of prooxidant-antioxidant system of spermatozoa in patients with excretory toxic form infertility
Achilleas	Gerou-Christov	CORRELATION AND CROSSCORRELATION ANALYSIS OF THE FREQUENCY DEPENDANCE OF ELF-EMF ACTION ON REGULATION OF SKIN MICROCIRCULATION IN VIVO

Ivaylo	Chakarov	ROLE OF EXTRACELLULAR FACTORS IN THE PLASMA VOLUME EXPANDER INDUCED ERYTHROCYTE AGGREGATION
Polina	Dimitrova	CELLULAR FACTORS INVOLVED IN THE PLASMA VOLUME EXPANDER INDUCED ERYTHROCYTE AGGREGATION
Marta	Bodnarchuk	BIORESONANCE THERAPY IN MEDICAL PRACTICE
Halyna	Halyk	ANALYSIS OF DYNAMICS OF CARBON DIOXIDE PERCENTAGE IN AIR DURING THE TIME INTERVAL OF DAY
Nezi	Nizamova	ISOLATED POLYPHENOLS FROM GERANIUM SANGUINEUM L. AFFECTED THE ANTIOXIDATIVE STATUS DURING INFLUENZA VIRUS INFECTION
Ivan-Asen	Shishmanov	Pulse wave and heart rate variability analysis for the evaluation of cardiovascular function

## Preclinic Oral 2

Damyán	Petrov	Telemedicine and Bulgarian medical specialists
Branislava	Ćosić	Analysis of the rs185042 polymorphism in the gene for carbonic anhydrase VII in children with idiopathic febrile seizures
Benjamín	Arrué	Clear-cell grade II recurrent meningioma: studying molecular progression and aggressiveness factors
Kristina	Karachomakova	Genomic abnormalities in aniridia
Diyana	Belezhanska	SDF-1/CXCR4 signaling is crucial factor in the process of intussusceptive angiogenesis

Ahmed Salman	Bodla	EPIGENETIC CONTROL OF TRANSGENE EXPRESSION
Krystsina	Kidun	Change in serum antioxidant status during acute and chronic stress
Nerea	Lopetegui-Lia	CARDIAC REMODELING OCCURS WITHIN 48 HOURS AFTER ADMINISTRATING ES-MOLOL IN SPONTANEOUSLY HYPERTENSIVE RATS
Oksana	Gorodnycha	THE STUDY OF THE RATIONALITY OF TOPICAL GLUCOCORTICOIDS APPLICATION IN REAL CLINICAL PRACTICE
Olga	Boretska	FOCAL ZONES FOR THE REALIZATION OF THE CLINICAL-PHARMACEUTICAL EXPRESS-ESTIMATION OF MEDICINE PRESCRIPTIONS
Ivan	Todorov	Influence of sodium valproate on hyperthermia induced by experimental serotonin syndrome in rats
Siyana	Georgieva	In search of potentially new therapeutic application of coumarins beside as anti-coagulants
Ervin	Ivanov	The effects of antiepileptic drugs on the weight gain and oxidative stress levels
Hristo	Angelov	Changes of renal excretory function after application of newly synthesized, N-modified nociceptin analog in conscious rats
Georgi	Krasimirov	Social isolation and development of obesity
Aneliya	Kuzeva	Effects of ethanol on the electroretinographic (ERG) responses under blockade of proximal retinal activity

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CANNABINOID SYSTEM INFLUENCE ON PAIN PERCEPTION IN RAT PARKINSON'S DISEASE MODEL AFTER 6-HYDROXYDOPAMINE LESION

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### Preclinic Poster 1

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Juliana

Levytska

Mineral composition of bone persons Carpathian region depending on the age and sex differences

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STRUCTURE OF THE RAT CAROTID BODY

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ULTRASTRUCTURE OF THE CAROTID BODY IN RATS

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Vukicevic

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Anna

Bekesevych

TOPOGRAPHIC CHARACTERISTIC OF THE MICROCIRCULATORY BLOODSTREAM OF THE TELEENCEPHALON AND CEREBELLUM IN EXPERIMENT

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A VARIATION OF THE ARTERIAL BLOOD SUPPLY OF THE UPPER LIMB: A VARIATION OF THE POSTERIOR CIRCUMFLEX HUMERAL ARTERY AND THE DEEP BRACHIAL ARTERY



Silviya Abarova Effect of cold stress on density of CB1 receptors in the amygdala

Ekaterina Georgieva TEMPOL/ASCORBATE SYSTEM AS EPR SENSOR FOR DETECTION OF SMALL pH CHANGES IN SAMPLES IN VITRO: ELECTRON PARAMAGNETIC RESONAS STUDY

Donika Ivanova EVALUATION OF DPPH SCAVENGING CAPACITY OF DIFFERENT FOOD SUPPLEMENTS CONTAINING OMEGA - 3 FATTY ACIDS - AN EPR STUDY

Vladislav Lazarov Antisperm antibodies in female patients with obesity

Bogdan Khobzey NANOTECHNOLOGY IN MEDICINE

Rybalkin Mykola Immunogenic properties of inactivated cells of Candida

Jakub Jakimek ANALYSIS AND PRACTICAL VALUE OF DUPLEX SONOGRAPHY IN EXAMINATION OF CAROTID AND VERTEBRAL ARTERIES EXTRACRANIAL PORTIONS

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Reni Tzveova Extremely low acenocoumarol dose in patients with genotypes of CYP2C9\*2/\*3, VKORC1 1173TT and VKORC1-1639AA

MERIEM ABDI Correlation between inhibitor development and F8 gene mutations in hemophilic patients from West Algeria

Abir Arfaoui CHEMOTHERAPY RESISTANCE IN BREAST CANCER: DOES MDM2 SNP344T/A POLYMORPHISM HAVE A ROLE?

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Oluwatoyosi	Adeniji	INSULIN RESISTANT GENETIC DISEASE: ALSTRÖM SYNDROME: a case report
Dimitar	Bakalov	Inhibition of Notch signalling induces ex- tensive intussusceptive neo-angiogenesis by recruitment of mononuclear cells
Ivan	Kushkevych	NEW DESULFOVIBRIO SP. STRAINS ISOLATED FROM HUMAN INTESTINE AND THEIR DISSIMILATORY SULFATE REDUC- TION
Eszter	Fodor	Acute and chronic restraint stress effect on amyloid precursor protein in wild type and transgenic Alzheimer's disease mice
Nadia	Riahi	Uridine-Glucuronosyltransferases 2B15 and 2B17 gene polymorphisms and breast cancer in Tunisian women
ghalia	kablouti	Cytochrome P450 1B1 432 Leu variant confers a breast cancer risk in Tunisian women
Oskan	Tasinov	Dwarf elder suppresses LPS induced TNF $\alpha$ and IL-6 gene expression
Tanya	Zhivkova	COMPARATIVE INVESTIGATIONS ON TUMOR CELL LINES ESTABLISHED FROM VIRUS INDUCED TRANSPLANTABLE CHICKEN HEPATOMA
Teodora	Kiryakova	A case of death of a 49-day baby as- sociated with Shaken baby syndrome (a forensic case)
Elica	Eneva	Ile105Val polymorphism in GSTP1 and the risk for thyroid carcinomas in a popu- lation from Central Bulgaria
Mariya	Tsvetkova	Renin-Angiotensin-Aldosterone System in Adipose Tissue: Impact on Insulin Resist- ance

Vitaliy	Palchikov	Oxazaheterocyclic cage compounds with specific affinity for the $\sigma_1$ -receptor
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Kateryna	Orel	Variants of Saphenofemoral Junction: Clinical Anatomy
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Maria	Georgieva-Kotetarova	Effect of 45-day treatment with atorvastatin on passive avoidance tests in rats
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Kiril	Surchev	The effects of long-term benfotiamine supplementation on streptozotocin-induced diabetic neuropathy and nephropathy in rats
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Borislava	Filyova	PERCEPTION AND KNOWLEDGE OF PATIENTS WITH ARTERIAL HYPERTENSION AND DIABETES MELLITUS ABOUT THEIR DISEASE AND MEDICATION
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Elena	Angeleska	Comparative study on neonatal effects of levetiracetam, valproic acid and diazepam on behavioral changes and brain cytokines in neonatal kainat model of epilepsy
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Ralica	Nachova	Analysis of the psychotropic medications overuse in a Children's Medical and Social Care Home, village Gomotartsi - risks and benefits
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Mariia	Ezhned	COMPARATIVE ANALYSIS OF INFLUENCE OF MEDICINES OF DIFFERENT FORMS CONTAINING QUERCETIN ON KIDNEY STRUCTURE IN CASE OF RENAL INSUFFICIENCY
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Spas	Kerimov	Correlation between clinical signs and pathogenesis of type two diabetes mellitus and polycystic ovary syndrome
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h	Vanyo	Vezirov	EFFECT OF POLYPHENOLS FROM GERANIUM SANGUINEUM L ON HEPATIC DRUG METABOLISM IN INFLUENZA INFECTED MICE
	Elena	Khomiak	Meloxicam and antidepressants : peculiarities of interaction in terms of depression
	Natalia	Sheptukha	Combinations of anti-inflammatory drugs and antioxidants in treatment of eyeball traumas
S-	Ismail	Ristem	Expression of NADPH-d reactive neurons in rat's caudate putamen after D-kyotorphin injection.A histochemical study
pa-	Monika	Peshevskaa	Effect of various stressors on ACTH and corticosterone plasma levels
	Marina	Ereva	Effects of cold stress on motor activity in rats
IN IR	Marija	Stankovic	The role of IL-33 and ST2 in pathogenesis of acute inflammation
of	Rada	Jeremić	Growth hormone and fatty acid response to acute exercise in elite male athletes
ns cial	Jovana	Stević	THE POTENTIAL PROKINETIC ROLE OF D,L-HOMOCYSTEINE THIOLACTONE BY BLOCKING POTASSIUM CHANNELS OF ISOLATED RAT DUODENUM
CE	Elisa	Noor	Neuroprotective Effect of Acalypha indica Linn Root Extract to Nucleus of Hippocampal Neuron Post Cerebral Hypoxia

## Medical Education

I-	Eman	Awad	VIRTUAL STUDYING OF FAMILIAL HYPERCHOLESTEROLEMIA
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Taner	Shahin	VIRTUAL STUDYING OF ADRENOLEUKODYSTROPHY
Dimitrios	Iliopoulos	Learning about the Hunter's syndrome, using audiovisual media
Petros	Tziolas	Availability and Quality of Medical Information in Internet for Patients
Viktor	Alargov - Anagnostou	Virtual Studying Of Creutzfeldt - Jakob disease
Emilian	Gulev	E-Resources for better understanding and learning of neurotransmission
Dariya	Paykush	THE ADVANTAGES OF SYNERGISTIC APPROACH TO THE LEARNING BIOPHYSICS IN EDUCATING FUTURE PHYSICIANS
Nikolay	Ivanov	E-resources illustrating molecular mechanisms of carcinogenesis
Hristina	Tarlovskia	Virtual learning of the Alzheimer's disease
Oxana	Ramirez	Analysis of carriers for matrix systems of drugs with controlled release
Sevdalina	Todorova	Priority problems and opportunities to overcome them, ensuring effective functioning in terms of general practice-a pilot study
Evgeniy	Dyabkin	Using modern computer technology for improve the efficiency of studying general surgery
<b>Therapy Oral 1</b>		
Sonya	Ilcheva	Perioperative management of a patient with a giant malignant thoracic wall formation

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Viktoria	Ilieva	Case report: Anaesthetic management of a patient with a giant benign intrathoracic lesion
Viktoriya	Georgieva	ANTIOXIDANT STATUS IN PATIENTS WITH SEPSIS AT INTENSIVE CARE UNIT
Dehran	Ramovski	DISCHARGE TIME IN PEDIATRIC PATIENTS UNDERGOING GENERAL ANAESTHESIA FOR SURGICAL PROCEDURES WITH ORAL PREMEDICATION
Nourelhouda	CHALAL	VENOUS THROMBOEMBOLISM IN SIDI BEL ABBES REGION, NORTHWEST ALGERIA: A RETROSPECTIVE STUDY
Lukman	PRAJA	IN-VIVO STUDY OF LUMBROKINASE EXTRACTED FROM LUMBRICUS RUBELLUS AS FIBRINOLYTIC IN CARDIOPROTECTIVE EFFECT
Agata	Krawczyk	Clinical outcomes and quality of life in patients after surgical and transcatheter aortic valve replacement
Rossitza	Sotirova	Cardiovascular response to orthostatic test
Jan	Orlewski	Prognostic factors for STEMI patients after cardiac rehabilitation
Anna	Besedina	ACTIVITY OF ARGINASE-NO-SYNTHASE SYSTEMS IN PATIENTS WITH ISCHEMIC HEART DISEASE
Mariya	Kalinkova	Porphyria erythropoetica
Radislav	Nakov	Tolerance of small amounts of lactose in patients with lactase deficiency

Radina	Miladinova	Hereditary colorectal cancer syndromes
Marija	Spasova	HELICOBACTER PYLORI INFECTION: COMPARISON OF THE EFFECTIVENESS OF TWO DIFFERENT TRIPLE THERAPIES
supreet	khare	Role of Flowcytometry in the diagnosis of Acute Ambiguous Leukemia – a new entity described by WHO 2008
Ani	Georgieva	Hematologic malignancies in beta-thalassemic patients – a two-case experience of the Clinic of Hematology, University Hospital "St.Marina", Varna, Bulgaria
Maria	Stanilova	Primary Non Hodgkin's lymphoma of the central nervous system - a three case experience of the Clinic of Haematology, University Hospital "St.Marina", Varna, Bulgaria
Tsvetelina	Velikova	Th17 Specific Gene Expression Profile in Patients with Inflammatory Bowel Disease
Agata	Bryk	Treatment with antidepressant drugs impairs cellular immune response in mice
Petra	Vizjak	Screening for leukemia specific cytotoxic T lymphocytes in transplanted patients with AML and CLL
Konstantin	Kandlen	Quantiferon TB GOLD in diagnosis of TB and LTBI in HIV infected patients

## Therapy Oral 2

Maja	Kiselinova	Does Nevirapine further reduce the amount of cell associated HIV-1 RNA?
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ies	Galina	Semikova	Clinical and morphological criteria of recurrent hyperthyroidism in surgically treated patients with Graves' disease
S ES	Dilyana	Stoyanova	Screening, Prophylaxis and Prevention of Diabetes type II and First Steps in Gestational Diabetes Screening
S W	Yelyzaveta	Burova	Features of hormonal and metabolic homeostasis in men with secondary osteoporosis after stomach resection caused by complicated ulcer disease
is- ce /	Renata	Pacholczak	Cardiovascular manifestation of systemic lupus erythematosus
he JY, r,	Rahim	Aliyev	EPIDEMIOLOGY OF STROKE, ITS RISK FACTORS AND OUTCOMES IN NORTH-EAST REGION OF AZERBAIJAN
in	Yulia	Mitina	System of epilepsy course prediction on the basis of EEG and VCR data with the method of neural networks
m- e	Kristin	Genkova	Depletion of brain GLUTATHIONE after Stress induced analgesia-SIA in Animal rat model of parkinson's disease- Unilateral 6-OHDA lesions of the nigrostriatal pathway
ic :	Nevena	Raykova	Overexpression of CB2 cannabinoid receptors results in neuroprotection after Stress induced analgesia-SIA in Animal rat model of parkinson's disease- Unilateral 6-OHDA lesions of the nigrostriatal pathway
B	Marko	Vorkapić	Advanced time- frequency analysis of spiking EEG activity in experimental model of lindane epilepsy
	Aleksandar	Miljković	Prognostic factors in severe isolated cranio-cerebral trauma



Alexandru	Istrate	Ki-67 marker as a prognostic factor in women aged over 65 years with breast cancer
Piotr	Kuszmierz	Reproductive history risk factors for breast cancer among Polish women – a case-control study
ALENA	KALINOUSKAYA	JUVENILE RHEUMATOID ARTHRITIS – THERAPY ANALYSIS OF CHILDREN
Katarzyna	Pasternak	Clinical condition of the children and adolescents at the time of diagnosis of type 1 diabetes mellitus in 2006-2011 – success or failure of pediatricians?
Dorota	Fros	Clinical manifestation of monogenic human obesity syndromes– Multiple Case Study Analysis
Andrijana	Dimitrioska	THE CORRELATION BETWEEN MATERNAL RISK FACTORS AND NEONATAL CONJUNCTIVITIS
Kamila	Osińska	Perinatal risk factors as a cause of deafness among cochlear implant patients
Kalina	Chupetlovska	Does reducing the radiation dose in CT urography affect the quality of the image and if so, then to what extent?
Intesar-Victoria	Malla Houech	Myocardial Bridging – morphological appearance with MDCT
Snezhina	Georgieva	CT angiography in hypertension patients
Russka	Shumnalieva	MIR-193b EXPRESSION PROFILE IN RHEUMATOID ARTHRITIS PATIENTS

Trivanie Elona Dengue infection is not always worse than the primary infection: A cross-sectional study in Jakarta, Indonesia

Osman Shikhmagedov The study of the effectiveness of prevention of venous thromboses

## Therapy Poster 1

Desislava Pavlova PDA – when children grow into adults

Tanja Drincic Presence of cardiovascular risk factors related with number of occluded coronary arteries in patients with acute coronary syndrome (ACS)

Marina Krasteva Takotsubo Cardiomyopathy-so rare?

Batyr Muhammetberdiyev Chronobiological aspects of the development and severity of acute myocardial infarction

Kristiana Dobrikova CLINICAL AND SEROLOGICALLY CONFIRMED CASES OF MARSEILLES FEVER IN SOME REGIONS IN BULGARIA DURING THE PERIOD 2011 – 2013

Giovanni Damiani Early genetic approach, what's the news? Autoimmunity management in two Italian homozygous twins

Ezhar Ibrqмова Clinical expression of nickel dermatitis – case report

Bisera Kotevska Morgellon's disease (Three clinical cases)

Denitza Zheleva Unilateral eyelid involvement as single presentation of cutaneous lupus erythematosus: a clinical condurdum

Ana	Spasić	Determinants of the quality of life among diabetic patients in Niš, Serbia
Alexandra	Petranova	Anti-tissue transglutaminase and anti-gliadin antibodies in diagnosis of celiac disease in adult patients
DIMANA	KALUDOVA	Preliminary data of some metabolic changes in Crohn's disease patients treated with Adalimumab
Georgiana	Luca	Allogeneic Bone Marrow Transplantation In A Young CLL Patient
Milica	Djoric	What is the effect of interleukin-10 single nucleotide polymorphisms rs1800896 and rs1800871 in Serbian kidney transplant patients?
Ivan	Ivanov	VIROLOGICAL AND CLINICAL STUDY OF HOSPITALIZED PATIENTS WITH INFLUENZA-LIKE DISEASES DURING THE 2013/2014 SEASON
Jovana	Milic	How much bacterial infections harm patients with liver cirrhosis?
Daria	Soboleva	IODINE STATUS IN POPULATION OF REPRODUCTIVE AGE BY EXAMPLE OF STUDENTS AND DOCTORS OF MEDICAL UNIVERSITY OF SAINT-PETERSBURG
Aylin	Kasim	Evidence for the Different Etiological Hypotheses of Balkan Endemic Nephropathy
Shengyun	Halil	AIDS-dementia complex /case reporting/

Lora Andreeva Long-term clinical effects of eparlestat, an aldose reductase inhibitor, on progression of diabetic neuropathy and other microvascular complications

## Therapy Poster 2

Marieta Stoyanova Anti-C1q autoantibodies in patients with Lupus nephritis

Natasa Stankovic Distribution of interneurons in rats' motor cortex impacted by maternal deprivation

Nikola Šutulović Nitric oxide modulates appearance of EEG ictal periods induced by lindane in rats

Željko Grubač Relationship between sleep integrity and seizure incidence in an experimental model of generalised epilepsy

Maja Drašković Contribution of purinergic signaling to high dietary methionine mediated epileptogenesis

Amina Boubekour Molecular study of retinoblastoma in the Algerian population by exploring the RB1 gene in tumoral and constitutional level. Prediction of the deleterious effects of mutations on protein pRb by study in silico

HAYET DOUIK Matrix metalloproteinase-7 (-181A>G) polymorphism in Tunisian nasopharyngeal carcinoma risk

Lora Dyakova Ursodeoxycholic acid and its metal compounds as putative antitumor agents

Abdulkadir	Abudalleh	ZINC COMPLEXES WITH PROMISING AN-TITUMOR ACTIVITY IN VITRO
Pavel	Mitrenga	LSCC-SF-MC29 CELL CLONE E7 AS A SUITABLE MODEL FOR EXPERIMENTAL ONCOLOGY, ONCOVIROLOGY AND ONCO-PHARMACOLOGY
Željka	Rogač	RISK FACTORS FOR RECURRENT FEBRILE SEIZURES
Iana	Hristova	Mode of delivery, condition at birth and mortality rate of very low birth weight neonates
Georgi	Zlatkov	PERINATAL OUTCOME IN SMALL AND AP-PROPRIATE FOR GESTATIONAL AGE VERY LOW BIRTH WEIGHT NEONATES
Irina	Ilieva	Rare case of Guillain-Barré syndrome in a 2-year old with atypical rash
Marta	Vasyliv	Peculiarities of sex and constitutional parameters of the cervical and thoracic sections of the spinal column and walls of the thoracic cavity in individuals of the juvenile and inclined age
Pale	Gjorgjieva	CYTOLOGICAL AND HISTOLOGICAL CHANGES IN LYMPHOCYTES INFLUENCE OF IONIZING RADIATION ON HEALTH WORKERS
Denis	Ersan	TBI – Posttraumatic and postoperative CT imaging:CASE REPORT
Magdalena	Peneva	MDCT visualization of coronary artery fistula as incidental finding in an adult patient
Ivan	Tsirkov	Rehabilitation of patient with radiculopa- thy L5-S1 and scoliosis – a clinical case

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The Unsuspected Threat posed by vit b17

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FREQUENT AND REGULAR CONDUCTED  
WATER QUALITY ANALYSIS - KEY FOR  
HEALTH HUMAN POPULATION

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## Public Health

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NUTRITION HABITS OF MEDICAL STU-  
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Incidence and mortality from malignant  
tumors of reproductive organs and breast  
among young woman in Belgrade

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Excessive ethanol consumption under ex-  
posure to cadmium intensifies disorders  
in bone turnover

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Concomitant contact allergy to formalde-  
hyde and methacrylic monomers

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Silvia

Mladenova

The attitude of the nurse towards the pa-  
tient in the system of health care through  
the eyes of the students of Medical  
University – Sofia faculty "Prof. Dr. Ivan  
Mitev" Vratza

Elena

Shumakova

Dynamics of the gender role inversion in  
process of migration

Adel	Achmetzyanov	Study of physical activity in the period of pregnancy and childbirth on the territory of the Republic of Tatarstan
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Marianna	Fochuk	Family planning – what is this?
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Adiletbek	Botbaev	Predictor of social rehabilitation of mental disorders
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Regina	Mavlyutova	Estimates of stochastic effects of ionizing radiation on the territory of the Republic of Tatarstan
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ROMIL	SINGH	STUDY OF RELATIONSHIP BETWEEN HEALTH, INTEGRITY AND DEPRESSION IN THE ELDERLY POPULATION- A SALUTOGENIC APPROACH
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## Dentistry

Maryna	Baranova	Influence of mother's hypokinesia on morphological changes of their descendant's teeth
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Jahid	Mammadov	Successful surgical decompression of inferior alveolar nerve of overfilling root canal
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Kalina	Peycheva	The Use of Pins in the Treatment of Class II Cavities – a Study on External secondary Defects
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Dragoslav	Stoimenov	Hypodontia and the modern orthodontics
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Dimitar	Kosturkov	Electric pulp test of teeth with periodontal disease
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of ory	Olga	Cheptanaru	Post-prosthetic complications in single tooth replacement with dental bridges
	Halil	Turkayyildiz	Immediate loading of dental implants in the esthetic zone
ental	Khrystyna	Pavliv	PECULIARITIES OF THE ALVEOLAR PROCESS OF THE JAWS REBUILDING AND THEIR CORRELATION WITH THE ROOTS OF PERMANENT TEETH IN AGE ASPECT
zing olic	Marianna	Atanasova	Early diagnosis of the teeth-jaw discrepancies and treatment with removable appliances
V ON U-	Volodymyr	Syarkevych	The comparison of Gidazepamum and buspirone anti-stress properties comparison within the experiment
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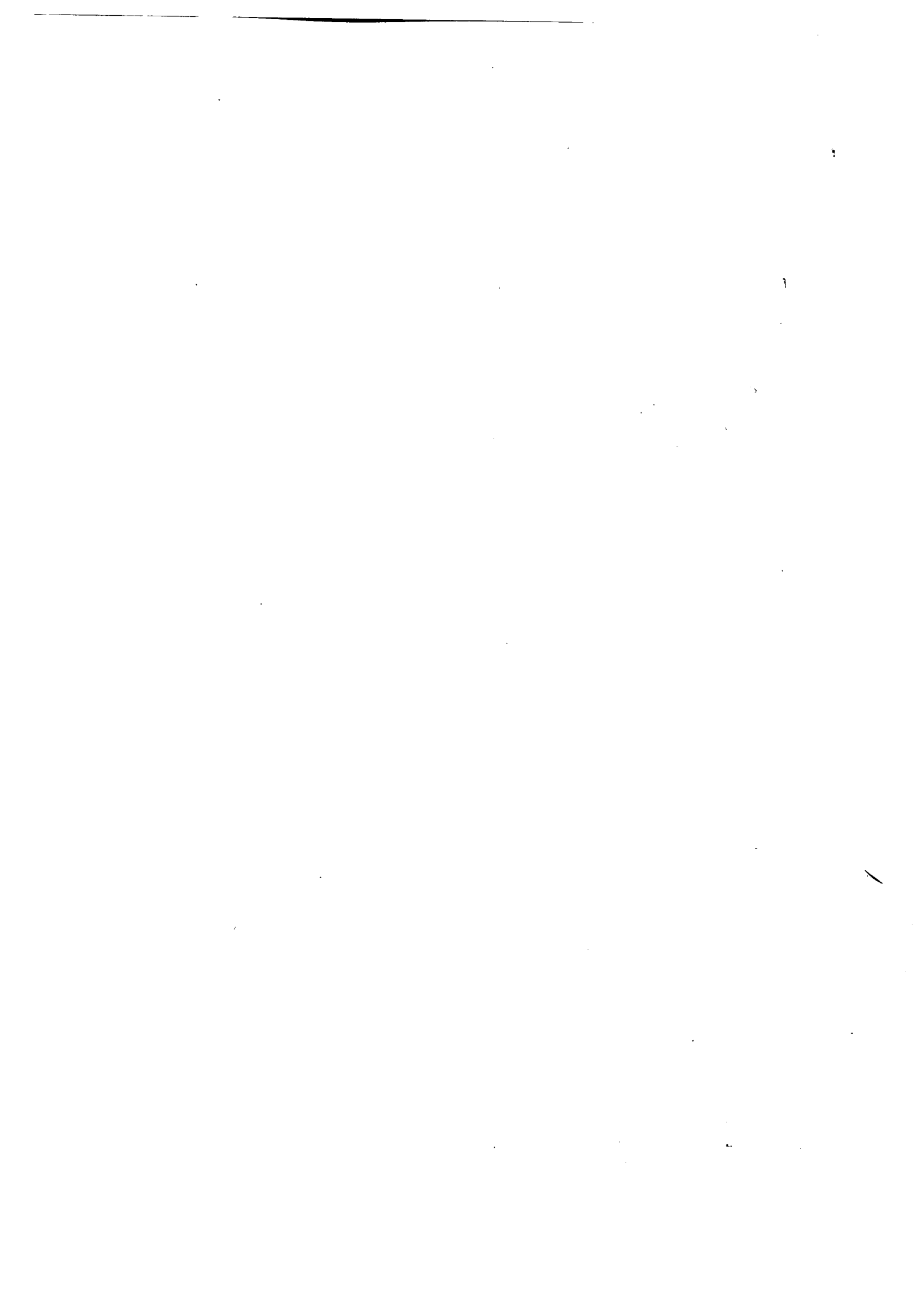
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## THE POWER OF HOPE AND QUALITY OF LIFE IN PATIENTS WITH HEAD AND NECK CANCER

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### Abstract:

Theoretical framework and objectives: Head and Neck cancer is especially traumatic emotionally because of disfigurement and functional impairment resulting from both the cancer and its treatment. Awareness of diagnosis of cancer can have a devastating effect on individual personality, psychological balance and their families. Numerous concerns exist from a psychological perspective for the head and neck cancer patient, including the reaction to the cancer itself, the threat to one's mortality, body image issues, fears of treatment (surgery, radiation, and chemotherapy) and potential disfigurement, family, social and vocational issues. In the frame of theoretical and empirical background of Clinical Psychology and Psychooncology, in the past decade there has been a considerable increase of interest in Hope issues and Quality of life (QoL). Snyder's cognitive model of hope is very famous which defines hope as "a positive motivational state that is based on an interactively derived sense of successful (a) agency (goal-directed energy), and (b) pathways (planning to meet goals)" (Snyder, Irving, & Anderson, 1991, p. 287). The main aim of this study is to compare patient's level of Hope and the Quality of life, before and after the Head and Neck cancer surgery. Design & methods: Participants inclusion criteria: During the period of June 2009- May 2013, 125 participants with diagnosed Head and Neck cancer were involved in this study. Patients attending the Maxillofacial surgery department at Clinical Hospital in Štip, were invited to participate in this study. Participant exclusion criteria was significant psychological distress. The questionnaires we used: Quality of Life Questionnaire (EORTC QLQ)-H&N35, a questionnaire designed to assess the quality of life of head and neck (H&N) cancer patients in conjunction with the general cancer-specific EORTC QLQ-C30; Adult Hope Scale (AHS) C. R. Snyder. Results and conclusion: The results shown that there were significant differences between the level of Hope and Quality of life, comparing the period before and after surgery. Issues associated with the head and neck cancer patient are far-reaching, and the ramifications of treatment often extreme. Therefore it is important for patients, caregivers, and medical staff to understand the many facets of adjustment to cancer and the impact of treatment on the patient's quality of life as well as its medical impact. Psychological support is often necessary in assisting these patients to make a successful adjustment to all the difficulties they will encounter as a result of the illness. Even long-term survivors report difficulties in coping, and therefore caregivers must remember that patients make a lifetime adaptation when undergoing treatment for head and neck cancer. Because their lives are changed, they must make appropriate personal changes in order to assist them in ensuring the highest possible quality of life following treatment.

**Keywords:** Hope; Quality of Life; Head and Neck Cancer; Patients

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