

SYMPOSIUM: MEDICAL EDUCATION AND HEALTH SYSTEMS IN BALKAN COUNTRIES

BOOK OF ABSTRACTS

4-7 APRIL 2025

SKOPJE, N MACEDONIA



JOURNAL OF THE MACEDONIAN MEDICAL ASSOCIATION MACEDONIAN MEDICAL PREVIEW, 2025 - SUPPLEMENT 01/2025

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Technical editor: Dr Onur Dika

Welcome Note

Dear esteemed colleagues and friends,

It is with great honor and enthusiasm that I welcome you to the abstract book of the **3rd International Case Report Congress**, proudly organized by the **Macedonian Medical Association**. This year, we are privileged to host not only this prestigious gathering but also the **Macedonian-Turkish Medical Symposium** and the **Symposium on Medical Education and Health Systems in Balkan Countries**, further enriching our exchange of knowledge and experience.

The Congress stands as a testament to the **collaborative spirit of the medical community**, bringing together healthcare professionals from diverse backgrounds to share **unique clinical cases**, **innovative approaches**, **and invaluable lessons**. These case reports reflect the dedication, perseverance, and expertise of medical professionals who continuously strive to improve patient care and advance medical science.

As the President of the Macedonian Medical Association, I am honored to witness the impact of this Congress in **fostering discussions, encouraging research, and strengthening international cooperation**. The knowledge shared here not only deepens our understanding of medical complexities but also inspires further advancements in clinical practice and education.

I extend my sincere appreciation to all participants, distinguished speakers, and the organizing team for their **hard work and dedication** in making this event a success. May this Congress serve as a **platform for learning, collaboration, and innovation**, ultimately contributing to the betterment of healthcare worldwide.

Welcome, and may this Congress be an inspiring and enriching experience for all.

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Content

Radiotherapy-Induced Uterine Carcinosarcoma After Chemoradiotherapy For Cervical Cancer	1
Successful Management Of Caesarean Scar Pregnancy	2
Inferior Vermian Hypoplasia: Prenatal Diagnosis, Clinical Implications, And	3
Multidisciplinary Management	3
Conservative Treatment Of Coexisting High Sil And Adenocarcinoma In Situ Of The Cervix	4
Successful Conservative Treatment Of A Patient With Cesarean Scar Pregnancy	5
Smooth Muscle Tumor Of Uncertain Malignant Potential In Postmenopausal Woman	6
Incidental Finding Of Uterine Malignant Myoma During Cesarean Section: The Importance Of Histopathological Examination	7
Prenatal Diagnosis Of Sacrococcygeal Teratoma: A Case Report	8
Successful Management Of Chronic Lymphocytic Leukemia In A Twin Pregnancy Conceived Via In Vitr Fertilization	o 9
Velamentous Insertion Of The Umbilical Cord As A Rare Indication For Emergency Cesarean Section	10
Case Of A Patient With Postpartum Eclampsia	11
Multiple Congenital Malformations As An Indication For Medical Abortion	12
Coincidence Of Alobar Holoprosencephaly And Chiari I Malformation: Correlation Of Prenatal Diagno	stics
And Pathologic Findings	_ 13
Spontaneous Resolution Of An Unilateral Fetal Pleural Effusion	_ 14
An Unusual Pelvic Mass	_ 15
The Rare Of The Rarest: Atypical Placental Site Nodule-A Review Of Case	_ 16
Unpredictable Nature And Outcomes In Pregnancies Complicated With Sle. Possibility Of A Favorable	
Outcome In Subsequent Pregnancies	_ 17
A Complex Fetal Cardiac Malformation As An Indication For Pregnancy Termination	_ 18
Polycystic Horseshoe Kidney With Megacystis And Anhydramnion As A Rare Fetal Malformation	_ 19
Pregnancy After Hodgkin Lymphoma	_ 20
Prenatal Diagnosis Of Non-Inherited Osteogenesis Imperfecta	_ 21
Management Of Monochorionic Diamniotic Twin Pregnancy Complicated By Ttts Type I And Cervical	
Insufficiency With Cerclage In Situ	_ 22
Prenatal Ultrasound Diagnosis Of The Vein Of Galen Aneurysmal Malformation Associated With Turne	er
Syndrome	_ 23
Carcinosarcoma Of The Endometrium (Malignant Mixed Mullerian Tumor)	_ 24
Effectiveness Of Remdesivir In The Management Of Covid-19 In Pregnancy	_ 25
Primary Ovarian Leiomyoma: A Rare Benign Tumor With Diagnostic Challenges	_ 26
Invasive Cervical Cancer In Pregnancy: Case Report And Management Challenges	_ 27
Leukemia Diagnosis During Pregnancy Follow-Up: A Case Report	_ 28
Accidental Finding Of Serous Endometric Carcinoma After Exploratory Examination Curettage And	
Polypectomy	_ 29
Hpv Typing As A Superior Method To The Pap Test In The Detection Of Preinvasive Lesions Of The Cer	vix
In A Patient With Adenocarcinoma In Situ	_ 30
Dedifferentiated Endometrial Carcinoma (A Rare Aggressive Subtype Of Endometrial Carcinoma)	
Spontaneous Rupture Of The Uterus In Menopause	_ 32
Barter Syndrome	_ 33
Management Of Wolff-Parkinson-White Syndrome During Ovarian Cyst Removal Surgery	_ 34
Successfully Management Of Isolated Oligohydramnios In Third Trimester Of Pregnancy	_ 35

Peripartum Cardiomyopathy	36
Endometrial Carcinosarcoma With Osteoclast-Like Giant Cells In A Postmenopausal Patient	37
Complications After Pleated Colposusspension	- 38
Fetal Subarachnoid Cyst: A Case Report And Multidisciplinary Management Approach	39
Ovarian Metastasis From Rectal Adenocarcinoma: A Rare Case Of Secondary Involvement Of The Fem	-
Reproductive Tract	40
Peritonitis As A Consequence Of Endometritis After A Cesarean Delivery	- 41
Diagnosis And Treatment Of Patient With Cornual Pregnancy	42
Prenataly Diagnosed Case Of Esophageal Atresia In A Mother With A History Of Breast Cancer	-
Pregnancy With Maternal Anti-M Antibodies, Hypothyroidism And Thrombophilia	-
Hydatiform Mola Partialis In A 50-Year-Old Woman: Clinical Implications And Diagnosis	-
Severe Covid-19 Pneumonia In Pregnancy Complicated With Oligohydramnios And Intrauterine Grow	-
Restriction	46
Pregnancy With Polycythemia Vera - An Obstetric Challenge	47
Case Report Of Ovarian Torsion In The Second Trimester Of Pregnancy	-
Management Of Third-Degree Vaginal Laceration In A Primigravid Patient Following Spontaneous Vag	
Delivery Of A Macrosomic Neonate	49
Congenital Varicella Syndrome In A Twin Pregnancy	50
Ultrasound Findings Of Mega Cisterna Magna In Obstetric Case: A Diagnostic Overview	-
Immature Teratoma: Diagnosis And Management—A Review Of Case	_
Fetal Bowel Dilatation In A Pregnant Patient	53
A Rare Case Report Of Congenital Pulmonary Airway Malformation And The Decision-Making Challen	_
Involved Two Fetal Demisses In Triplets Pregnancy In Second Trimestar With Implication On Live Fetus And	_ 54
	55
Mother's Health Termination Of Pregnancy With Intra-Amniotic Hypertonic Saline In A Patient With Dilated	- 22
	ГС
Cardiomyopathy	_ 56
Simpson Golabi Behmel Syndrome	_ 57
Large Adnexal Tumors In Adolescence	_ 58
Risk Assessment And Clinical Management Of Labor In Pregnant Patients With Glanzmann	г о
Thrombastenia	_ 59
Undetected Spina Bifida In Early Screening: A Case Of Myeloschisis Suspected, Myelomeningocele	60
Confirmed	_ 60
Placenta Accreta Spectrum Disorder In A Scarred Uterus: Diagnostic And Operative Challenges	-
Pregnancy Outcome After Endometrial Carcinoma	
Bladder Exstrophy	_ 63
Development And Current Status Of Home Care Practices İn Turkiye	
Challenges Of Family Medicine In North Macedonia	_ 6/
Family Medicine Practice In Türkiye: Education And Develeopment Stages	
The Development And Current Status Of Palliative Care Practices In Turkiye	
Cancer Screenings In Primary Care In Türkiye	_ 71
Simulation As An Educational Method For Primary Care Teams	_
Adaptation Of Enteral Nutrition Diagnosis And Treatment Guide For Primary Care: The Case Of Turkey	
Family Medicine Perspective On The Disease Management Platform In Turkiye	
Evaluating Cancer Patients From A Family Physician's Perspective	
The Role Of Patient Participation On Health Care Quality: A Comparative Study In Primary And Tertiar	•
Care Services	
Cancer Screening In Primery Care In Turkiye	_ 78

The Role Of General Practitioners In Sexual And Reproductive Health Care In Malta	79
Evaluation Of Breast Cancer Awareness And Risk Levels In Women	/ J 80
Medical Education And Health System In North Macedonia	82
The State Of Medicine In The Republic Of Croatia	84
Advantages And Disadvantages Of The Slovenian Healthcare System	85
Medical Organizations In Serbia	
Health System In Bosnia And Herzegovina	90
Health Care System In Montenegro	94
Healthcare System And Medical Education In Turkey	97
Healthcare System In The Republic Of Srpska	_ 100
The Role Of Health Professionals In Human Capital Development, Critical For Building Demographic Resilient Societies	ally 101
Health Financing And Expenditures In Balkan Countries: The Case Of North Macedonia, Serbia, Bosi	nia
And Herzegovina And Montenegro	102
Operioperative Glycemia Regulation For Insulinoma Surgery – Challenges Faced By The Anaesthesic	logist 104
Case Of Billateral Supracondylar Femoral Fracture	105
Incidental Hematoperitoneum In Laparoscopic Appendectomy In Pregnant Patient	 106
Adenomatoid Odontogenic Tumor Of Maxilla: A Case Report	107
Right Colectomy In Carcinoid Tumor Of Appendix Vermiformis And Adenoma Tubulare Colon Ascend	dens 108
Revolutionizing Tendon Healing: Complete Recovery From Chronic Achilles Tendon Rupture (Catr) W	Vith
Surgical Repair And Platelet Rich Plasma (Prp) Adjuvant Therapy	
Balancing Two Lives: Management Of A Grade Iv Astrocytoma In A 24-Year-Old Pregnant Patient Giant Left Hepatic Cyst With Gastric Outlet Obstruction	_
Dysplastic Changes Of Papilloma Of The Mucous Gingiva In Maxilla: A Case Report	_ 111 112
Overcoming The Invasive Threat Of Klebsiella Pneumoniae Ndm+ In Cardiac Surgery—A Case Report	
Limited Treatment Options	_ 113
Reconstruction Of Mandibular Defect Without A Microvascular Free Flap After Segmental	
Mandibulectomy In A Patient With Medication-Related Osteonecrosis Of The Jaw	_ 114
Zygomatic-Bone Complex Fracture With Ocular Injury: Surgical Management And Clinical Outcome	_
Transanal Excision: A Diagnostic Procedure That Became A Definitive Treatment For Early Rectal Car	
	_ 116
Malignant Transformation Of A Plexiform Neurofibroma Of The Face	_ 117
Postinfarction Ventricular Septal Defect Following Myocardial Revascularization	_ 118
Primary Epithelioid Angiosarcoma Of The Vulva: A Rare Tumor In An Unusual Site	_ 119
Compartment Syndrome Of The Upper Limb Following A Snakebite From Horned Viper- Vipera	
Ammodytes	_ 120
A Rare Case Of Epithelial Hepatoblastoma In Two-Month-Old Male Infant	_ 121
The Surprising Stories Of The Acute Abdomen: Torsion Of The Appendix Vermiformis,	_ 122
Cutanous Form Of Breast Angiosarcoma	_ 123
High - Grade Large Cell Neuroendocirine Carcinoma Of The Supraglottis A Case Report	_
Unusual Size Of An Uncommon Neoplasm: A Giant Abrikossoff Tumor Of The Lower Limb	_
The Efficacy Of Tranexamic Acid In Reducing Perioperative Blood Loss In Total Hip Arthroplasty	_ 126
Pleomorphic Adenoma Of The Nasal Cavity A Case Report	_ 127
Difficult Airway In Patient With Multiple Face Skin Tumours	_ 128
Superficial Dorsal Vein Rupture Mimicking Penile Fracture	_ 129

Versus Malfermations As A Para Case In The Crown Of Vessular Anomalies With Slow Plead Flow I	n
Verrucous Malformations As A Rare Case In The Group Of Vascular Anomalies With Slow Blood Flow I Children	130
Case Report Of A Patient With A Neoplastic Brain Tumor	131
Conquering Klatskin: How 3d Printed Models Boost Surgeons' Confidence In Complex Hilar	191
	132
	133
•	134
	135
	136
	137
	138
	139
The Effect Of Geriatric Syndomes On Activities Of Daily Living In Frail Patients	141
	142
· · · · · · · · · · · · · · · · · · ·	143
	144
Comprehensive Evaluation Leading To The Diagnosis Of Acute Coronary Syndrome	144
A Case Of Fournier Gangrene In Palliative Care: The Importance Of A Comprehensive Approach And	145
Clinical Coordination	146
	140
Benefit Of Arni In Patient With Hfref And Copd	148
Urinary Bladder Nephrogenic Adenoma In Hemodialysis – Report Of A Rare Case	149
	150
, , , , , , , , , , , , , , , , , , , ,	151
· · · · · ·	152
Triple Killers –Influenza A, Covid-19 And Staphylococcus Aureus Pneumonia In A Previously Healthy	150
	153
•	154
Successful Conservative Treatment Of Cecal Diverticulitis Mimicking Acute Appendicitis	155
Sglt2i– Possible Game-Changers In Focal Segmental Glomerulosclerosis	156
Obstructive Jaundice And Gastric Outlet Symptoms Caused By Mucinous Omental Cyst: A Rare Entity	
	158
False Positive Drug Test In Patient With Acute Poisoning	159
Association Of Hypothyroidism And Inverted T Waves	160
Pulmonary Adenocarcinoma Presenting With Symptoms Of Adrenocorticotropic Hormone Secretion	
	162
, , , ,	163
Of Systemic Lupus Erythematosus (Sle) After Subcutaneous Immunotherapy (Scit)	163
Successful Resolution Of Staphylococcus Aureus Catheter-Associated Infection With Spondylodiscitis	
/ / /	164
Suppressed Thyroid Stimulating Hormone Levels After Initiation Of Glp -1 Receptor Agonist	165
Elevated Tryptase Levels In A Severe Asthmatic Patient Undergoing Scit For Birch: Implications For	
Monitoring And Personalized Treatment	166
	167
	168
	169
Diffuse Large B-Cell Lymphoma With Acute Renal Failure	170
Myocardial Rupture Following Acute Myocardial Infarction	171

From Malignant Diagnosis To Benign Outcome: A Complex Case Of Soft Tissue Tumor Misdiagnosis _ 173
Unexpected Diagnosis Of Concealed Wolff-Parkinson-White Syndrome During Radio-Frequency Ablation
For Suspected Atrioventricular Nodal Reentrant Tachycardia 174
Long-Term Nutrition And Palliative Care Management In Traumatic Brain Injury 175
A Multidisciplinary Approach In Morbus Paget 176
An Elderly Patient With Comorbidities: Medication Management Errors And The Importance Of
Multidisciplinary Intervention 177
Atypical Presentation Of Prostate Cancer 178
Use Of Jak Inhibitor In A Patient With Chronic Graft-Versus-Host Disease179
Care And Management Of Hcm Carriers: A Marathon Runner's Case 180
Infant With Incidentally Diagnosed Nehprocalcinosis 182
Ct Characteristics Of Thoracic Ewing's Sarcoma In Children 183
A Rare Case: Herpes Zoster In Adolescence 184
Congenital Granular Cell Epulis (Cgce) In Female Newborn 185
The Importance Of Blood Pressure Measurement In Children Who Apply To The Family Health Center
With Headache Complaints: Secondary Hypertension Case Report 186
Bacterial Coinfection In A Child With Rsv Pneumonia 187
Presense Of Two Influenzae Viruses In Preschool Boy 188
Early Detection And Multidisciplinary Approach In A Child With Developmental Delay 189
Hydrocephalus In An Infant 190
Improvement Of A Patient With Sleep Complaints Who Did Not Benefit From Psychiatric Treatment With
Antihypertensive Treatment 191
Vagal Stimulation And Poem In Secondary Pediatric Intestinal Pseudo-Obstruction And Achalasia 192
Severe Asthma Exacerbation In A Child With Uncontrolled Asthma 193
A Case Of Cat Scratch Disease Presenting With Lymphadenopathy And Erythema Nodosum 194
Hypothyreosis Congenitalis. Diabetes Mellitus Neonatalis Susp. 195
Adenocarcinoma Ventriculi In Children 196
Many Facies Of Influenza B Infection - Infant With Hypernatremia Dehydration And Acidosis 197
Concurrent Influenza A And Mump Infection In A Toddler With Acute Parotitis 198
Incidentally Detected Avascular Necrosis On 18f-Fdg Pet/Ct In A Lymphoma Patient 200
Varied Presentations Of Ct-Scans Of Inflamed And Perforated Appendix 201
Incidental Finding Of A Giant Hepatic Hemangioma In A Patient With Diagnosed Crohn's Disease 202
Ct Imaging Of Liver Cystic Echinococcosis 203
The Significance Of A Multiphase Ct Scan In A Case Of Non-Traumatic Acute Abdominal Pain And
Cramping Episodes 204 Imaging Findings In A Case Of Appendicular Abscess As A Complication Of Acute Appendicitis In A 3-Year-
Old Patient 205
Duplication Of Inferior Vena Cava (Ivc) - An Incidental Finding On A Multiphase Ct Scan 206 Duplication Of Inferior Vena Cava (Ivc) - An Incidental Finding On A Multiphase Ct Scan 206
Brain Metastasis From Lung Cancer 207
A Rare Case Of Duplication Cyst Of Ileum Followed By Computed Tomography And Ultrasound, Incidental
Finding 208
Sonographic Features Of Testicular Torsion In Neonate 209 Lucida dal Paraetta da Calendaria 210
Incidental Breast Lesions Detected On Chest Ct210
Rare Localization Of Lymph Metastasis Of Papillary Thyroid Carcinoma 211 211 2015
Case Report Of Ewing Sarcoma And Undifferentiated Sarcoma Of The Tibia In An 18-Year-Old Boy With
Insulin-Dependent Diabetes Mellitus Type 1 212

The Role And Importance Of The Screening Program In Detecting Invasive Breast Carcinoma Of	
Nonspecific Type In Women Without Previous Diagnostic Procedures For Breast Cancer	213
Invasive Breast Carcinoma Of No Special Type: Correlation Between Ultrasound Findings And Tumor	
Grading	214
Multiseptate (Honeycomb) Gallbladder Acompanied With Annular Pancreas	215
Neuroblastoma (Adrenal Neuroblastoma)	216
Gastrointestinal Tumors Mimicking Adnexal Masses, A Report Of Two Cases	217
Diagnosis Of Ovarian Torsion	218
Foreign Body Ingestion In A Pediatric Patient	219
Giant Cell Tumor Of The Tendon Sheath: Mri Findings And Case Report	220
Myelodysplastic Syndrome Vs Oral Anticoagulation Therapy In Intramuskular Haemorrhage	221
· · · · · · · · · · · · · · · · · · ·	222
Radiology Assessment On Invasive Lobular Carcinoma Of The Breast	223
Atypical Inflammation Of Large Bowel Intestine Due To Ileocecal Diverticulosis	224
Stiff Person-Like Syndrome: A Case Report	226
The Effects Of Triplegia Rehabilitation As A Complication Of Sars Cov 2	227
Infection	227
A Case Report For Myoclonus-Dystonia Syndrome	228
Digitally Guided Dentistry Vs Conventional Methods In Diagnosis And Treatment Of Rare Cases Of	220
	229
Supernumerary Teeth- Case Report	229
Surgical Replacement Of The Mitral Valve With A Mechanical Prosthesis In The Treatment Of	220
Hypertrophic Obstructive Cardiomyopathy (Hocm)	230
Physical Therapy And Rehabilitation In A Patient With Lumbosacral Radiculopathy And Low Back Pain	
Physical Therapy And Rehabilitation In A Patient With Neck Pain	232
Biopsychosocial Integrated Care In A Pressure Ulcer Patient	233
Epileptic Seizure As First Manifestation Of Hiv Infection	234
On Duty And In Life: Living With Crohn's Disease	235
A Case Of Diabetic Foot Accompanied By Arterial Occlusion In A Palliative Care Center: An	
Interdisciplinary Approach To Treatment Refusal	236
Diagnosis Of Coccygeal Chordoma By Fine-Needle Aspiration Biopsy: A Case Report	237
Diagnosing Metastatic Small Cell Lung Carcinoma From Subcutaneous Nodule Using Fine-Needle	
Aspiration Biopsy: A Case Report	238
Rehabilitation Of Patient After Acetabular Fracture, Hip Luxation And Paralisis Of Sciatic Nerve- One Y	'ear
Follow-Up	239
The Importance Of Autopsy In Determining Causes Of Death In Cultural Contexts Where Suicide Is	
Stigmatized	240
Hand, Footh And Mouth Disease In An Adult: A Case Report	241
Heterozygous Familial Hypercholesterolemia Detected In Primary Care	242
Osteonevus Of Nanta Rare Entity	243
Successful Follow-Up Of A Young Patient With Metabolic Syndrome Through Lifestyle Changes And	
Motivational Interviewing	244
Decubitus Wound In Acquired Immunodeficient Patient Follow-Up In Palliative Care Centers	245
Panner's Disease	245
	247
Complete Metabolic Response To First-Line Chemotherapy And Dual Her2 Blockade With	210
Trastuzumab/Pertuzumab In Metastatic Her2-Positive Breast Cancer	248
Blue Nevus – A Benign Nevus That Can Cause The Most Cosmetic Concern	249
Hanging Hand	250

Determination Of Blood Groups And Dat (Direct Antiglobulin Test) In Newborns	_ 251
Female Participation In The Blood Donation Process	_ 252
Palliative Care Process Of A Patient Diagnosed With Hypercalcemia	_ 253
Management Of Fournier's Gangrene In A Palliative Care Patient	_ 254
Near Fatal Bupivacaine Anaphylactic Shock	_ 255
Management Of Multiorgan Failure Following Limb Amputation Due To Gas Gangrene And Subclavia	n
Artery Thrombosis	_ 256
Anesthetic Considerations In A Patient With Cervical Spine Surgery History Undergoing Laparoscopic	
Cholecystectomy	_ 257
Professional Bronchial Asthma Found In A Worker In Leather Industry	_ 258
Management Of Anti-M Antibody During Pregnancy - Case Report	259
Effects Of Mirror Therapy On Paretic Upper Limb After Stroke	260
Chronic Obstructive Pulmonary Disease In A Garment Worker	261
Diarrhea Management Of A Palliative Care Patient With Pressure Ulcer	-
Azitrhomycin Induced Symmetrical Drug-Related Intertriginous And Flexural Exanthema In 2-Year-OI	_
Boy	263
Successful Management Of Her2-Positive Early Breast Cancer At The University Clinic For Radiothera	
And Oncology, North Macedonia	264
Psychiatric Challenges In The Diagnosis Of Frontotemporal Dementia: Navigating Overlapping	- 204
Symptomatology	265
A 16 Year Old Boy With Systematic Juvenile Idiopathic Arthritis	265
A Complex Case Of Dependent Personality Disorder With Co-Morbid Agoraphobia, Panic Disorder, A	-
Depression: An Icd-11 Perspective	267
	268
Patient With Thrombophilia And Pulmonary Embolism The Golden Hour: How Rapid Tpa Administration Led To A Remarkable Stroke Recovery	269
	-
Tuberculous Meningitis: An Old Enemy Still Looming	270
The Course Of Bipolar Affective Disorder During Vulnerable Life Periods	_ 271
Prosthodontic Treatment With Digital Cad-Cam Technology Of Traumatic Dental Injury In Frontal	
Maxillary Region	_ 272
Prosthodontic Therapy Of Dental Erosion In Patient With Gastroesophageal Reflux Disease. Case Rep	
	_ 273
Accidental Firearms Fatalities During Hunting	_ 274
Dress Sy Report And Literature Review	_ 275
Scleroderma-Like Lupus Erythematosus Panniculitis Rare Subtype Of Rare Variant Of Cutaneous Lup	
	_ 276
Beyond The Intestinal Gluten- Intolerance: A Clinical Case Of Dermatitis Herpetiformis (Morbus Duh	
In A Young Boy	_ 277
Efficacy Of Pulse Dye Laser (Pdl) In The Treatment Of Recalcitrant Plantar Hpv Warts	-
Treatment Of An Individual With Down Syndrome In A Palliative Care Center	
Subcutaneous Dirofilariasis Of The Eyelid: A Case Report	_ 280
Delayed Diagnosis Of Graves Ophthalmopathy	_ 281
A Romani Child Adopted By A White English Family: The Impact Of Early Adoption, Relocation, And	
Cultural Displacement On Aggression And Emotional Dysregulation	_ 282
Ineffectiveness Of Family And Social Services Support – Path To Induced Hospitalism In A 17-Year-Old	Ł
Adolescent	_ 283
A Review Of Three Cases Of Laparoscopic Sacroiliac Ligament Dissection In The Treatment Of Chroni	с
Pelvic Pain In Women	285
	-

Recurrence Of High-Grade Cervical Intraepithelial Neoplasia (Cin Iii) With A Rare Type Of Human	
Papillomavirus (Hpv) Type 82	286
Severe Post-Procedure Hemorrhage Following Co2 Laser Vaporization In A Person With Factor Xi	
Deficiency	287
Preference Of Delivery Type Of Pregnant Women And The Factors Effecting Them	288
Reduction Mammaplasty With The Inferior Pedicle Technique For Treatment Of Gigantomastia	289
Frozen Elephant Trunk (Fet) For Stanford Dissection Type A, After Bentall Procedure In Marfan Syndro	ome
	290
Dellon Decompression For Diabetic Neuropathy – A Case Report	291
The Impact Of Chronic Illnes On Mental Health	293
When Air Escapes: A Holistic Approach To Severe Tracheal Rupture Management	294

CASE REPORT OF A PATIENT WITH A NEOPLASTIC BRAIN TUMOR

BILJANA EFTIMOVA, Martin Lazarevski, Radmila Zikova, Natali Delipetrova, Faculty of Medical Sciences, Goce Delcev University, Stip, North Macedonia Clinical Hospital Stip, North Macedonia

Neoplastic brain tumors are serious conditions that can cause a variety of neurological deficits and diseases. They arise from abnormalities in the genetic structure of cells, which leads to uncontrolled growth and tumor formation. The diagnosis involves a clinical and examination, like Magnetic Resonance Imaging (MRI) and Computed Tomography (CT). The treatment can vary depending on the type of tumor, location, and the stage of the disease. It usually involves a combination of surgery, radiotherapy, and/or chemotherapy, and in some cases, experimental therapies.

This case report of a patient with a neoplastic brain tumor underscores the intricate challenges and intensive medical care involved in managing such conditions. From initial diagnosis through surgical intervention and post-operative care, the patient's journey highlights the complexity of modern medical treatment. Despite meticulous surgical and post-operative management, including intensive care and tailored therapeutic adjustments, the patient faced complications such as pleural effusion, necessitating escalated antibiotic therapy. Continuous monitoring and diagnostic tools played crucial roles in guiding treatment decisions and monitoring the patient's progress. Ultimately, despite exhaustive medical efforts, the patient's condition deteriorated, leading to a fatal outcome on the 17th day. This outcome serves as a poignant reminder of the uncertainties inherent in treating severe neoplastic diseases and underscores the ongoing need for enhanced therapeutic strategies and supportive care.

In summary, this case emphasizes the importance of a comprehensive and dynamic approach to managing complex medical cases. It highlights the dedication of the medical team and the challenges involved for the whole process.

Keywords: Neoplastic brain tumor, complex managing, medical approach