

# 7. INTERNATIONAL ISTANBUL SCIENTIFIC RESEARCH CONGRESS

DECEMBER 18-19, 2021,  
ONLINE PARTICIPATION

## CONGRESS PROCEEDINGS BOOK

### Editors

ASSOC. PROF. DR. TEUTA ILJAZI  
TUBA FIRAT

**BZT AKADEMİ YAYINEVİ®**

TURKEY, GERMANY

TR: +90543 671 0123 GR: +491774586777

internationalistanbulcongress@gmail.com

<https://www.internationalistanbulcongress.com/>

All rights reserved

**BZT AKADEMİ YAYINEVİ®**

BZT ACADEMY PUBLISHING HOUSE 2021©

Publishing Date: 27.12.2021

ISBN: 978-605-71167-1-0



## CONGRESS ID

---

### CONGRESS NAME

7. INTERNATIONAL ISTANBUL SCIENTIFIC RESEARCH  
CONGRESS

### DATE AND VENUE

DECEMBER 18-19, 2021

*ONLINE PARTICIPATION (FROM 22 DIFFERENT COUNTRIES)*

### ORGANIZERS & PARTICIPANT INSTITUTIONS

ISCYA (International Science Culture and Youth Work Association), Turkey  
Treu Consulting, Germany  
University of Tetovo, North Macedonia  
Qatar University, Qatar

### President of Organization Committee

**Prof. Dr. Revan MAN**

### President of Scientific Committee

**Prof. Dr. Hasan KÖNİ**

### President of Coordinators'

**Zelal ADANMIŞ**

### ACCEPTED PAPERS

*77 Turkish Participants*

*81 Foreign Participants*

### REFUSED PAPERS

*5 Turkish Participants*

*1 Foreign Participants*

### EVALUATION PROCESS

**All Submissions Have Passed a Double-Blind Referee Evaluation Process**  
**All Responsibility for the Works Belongs to the Author**

## SESSION (3)- HALL (2)

Meeting ID: 856 1600 1329

Passcode: 127822

	19. 12.2021	Time: 15 <sup>30</sup> -18 <sup>00</sup> (Turkey Local time GMT+3)	MODERATOR: <b>Volodymyr Sulyma</b>
	Authors	Affiliation	Topic title
15 <sup>30</sup> -15 <sup>45</sup>	Volodymyr Sulyma Sergij Malinovskyj Igor Yuschenko Dmytro Yudin Olga Nikitina Oleg Kalyta Dmytro Kulchytskyj Andrij Gaponov Gennady Yarotskyj	<i>Dnipro State Medical University, Ukraine</i>	STEP-TO-STEP IN THE MODERN TREATMENT OF PATIENTS WITH CHRONIC HEMORRHOIDS
15 <sup>45</sup> -16 <sup>00</sup>	Volodymyr Sulyma Yakiv Bereznytskyj Ruslan Duka Kateryna Yaroshenko Sergij Malinovskyj	<i>Dnipro State Medical University, Ukraine</i>	ADMINISTRATIVE PROCESS FOR MODERN POSTGRADUATE TRAINING OF RESIDENTS-SURGEONS
16 <sup>00</sup> -16 <sup>15</sup>	Lujin A. Alshridey Samah A. Mahmud Abdelaziz M. Dwaya Osama R. Etekbali Abdulhamid M. Alkout	<i>University of Tripoli, Libya</i>	THE IMPACT AND ENHANCING HAND HYGIENE AMONG HEALTH CARE WORKERS DURING COVID-19 DISEASE PANDEMIC FOR PREVENTION THE INCIDENCE OF MRSA
16 <sup>15</sup> -16 <sup>30</sup>	Abduh Murshed	<i>Tongji University, China</i>	O-GLCNACYLATION ENHANCES THE SENSITIVITY OF HCC CELLS TO FERROPTOSIS
16 <sup>30</sup> -16 <sup>45</sup>	Eren Yalçınöz Burak Aslan Okan Gül	<i>Kocaeli University, Turkey</i>	FRONT LOWER SUSPENSION ARM ANALYSIS USING TOPOLOGY OPTIMIZATION
16 <sup>45</sup> -17 <sup>00</sup>	A. Djendel N. Ait Ahmed P. Knauth M.Eyraud	<i>Université de Bejaia, Algeria Aix Marseille University, France</i>	USE OF ELECTROCHEMICAL METHODS TO ELABORATE ON TITANIUM SURFACE NANOSTRUCTURED LAYER COUPLED WITH A COMPACT OXIDE FILM FOR MEDICAL APPLICATIONS
17 <sup>00</sup> -17 <sup>15</sup>	Salah Eddin M. Kurdi Hanaa M. Ishtebaa	<i>University of Tripoli, Libya</i>	EARLY MANAGEMENT OF THE SEVERE FACIAL SOFT TISSUE INJURIES IN LIBYA
17 <sup>15</sup> -17 <sup>30</sup>	Umesh Chand Singh Yadav Johnna Francis Varghese	<i>Jawaharlal Nehru University, India Harvard Medical School, United States</i>	PREVENTION OF MACROPHAGE FOAM CELL FORMATION BY A FLAVONOID, Fisetin
17 <sup>30</sup> -17 <sup>45</sup>	Sivasakthivelan.P K. Arivukkarasu S. Gomathi A. Arunachalam	<i>Annamalai University, India</i>	CHITINOLYTIC BACTERIAL ISOLATES AND ITS CONSORTIUM BASED BIOFORMULATIONS AS AN EFFECTIVE BIOCONTROL AGENT AGAINST COLLAR ROT FUNGAL DISEASE IN GROUNDNUT - AN INNOVATIVE APPROACH
17 <sup>45</sup> -18 <sup>00</sup>	Zeynep Toprak	<i>Dicle University</i>	A MOLECULAR PHYLOGENETIC STUDY OF SILENE SORDIDA BASED ON THE NUCLEAR LOW-COPY EST14 LOCUS

**STEP-TO-STEP IN THE MODERN TREATMENT OF PATIENTS WITH CHRONIC  
HEMORRHOIDS**

**Volodymyr Sulyma\*, Sergij Malinovskyj, Igor Yuschenko, Dmytro Yudin, Olga Nikitina, Oleg  
Kalyta, Dmytro Kulchytskyj, Andrij Gaponov, Gennady Yarotskyj**

*Dnipro State Medical University, Department of Surgery #1, Dnipro, Ukraine  
Dnipro City Hospital # 6, Dnipro, Ukraine  
Surgical Clinic "Garvis", Dnipro, Ukraine*

**ABSTRACT**

Hemorrhoids are one of the most widespread diseases of the adult population in industrialized countries. It has been established that in people over 40 years of age, the symptoms of hemorrhoids are found in 60-70% of cases. The share of hemorrhoids, in the structure of coloproctological diseases, accounts for about 40%.

In recent years, minimally invasive methods of treating hemorrhoids have already been firmly introduced into the daily practice of coloproctologists. The advantages of these methods over surgical interventions are the possibility of their use on an outpatient basis, without disability; high efficiency in the initial stages of the disease; a small number of complications.

The most commonly used minimally invasive methods are:

hardware ligation of hemorrhoids with latex rings, sclerotherapy, infrared photocoagulation of hemorrhoids,

suture ligation of hemorrhoidal arteries under the control of dopplerometry, electrocoagulation of hemorrhoids.

The indication for minimally invasive surgical interventions is uncomplicated internal hemorrhoids I - III stages.

When choosing a method for treating patients with hemorrhoids, it is advisable to use a classification that divides chronic hemorrhoids into stage IV.

Contraindications include: a combination of hemorrhoids with an anal fissure, rectal fistula, inflammatory diseases of the anal canal and perineum, acute hemorrhoids.

Ligation of hemorrhoids with latex rings is the most frequently used technique (32-82%), and sclerotherapy, due to the frequent development of complications (11-47%), is used less and less. Other methods of minimally invasive treatment are used in less than 5% of cases.

**Keywords:** Chronic hemorrhoids, treatment, tribenoside + lidocaine