



"TUZLA ENT SCHOOL"

FIRST TEN YEARS

FUAD M. BRKIĆ

The education and continuous improvement of medical staff is an imperative for successful work in this field. The tradition of organizing meetings where education is carried out and the exchange of experiences of experts in the field of otorhinolaryngology at our clinic is over thirty years. Considering that in the past years in our clinic, the organization of professional and scientific meetings has become regular, we decided to try to establish the "**Tuzla ENT School**", an informal institution aimed at the continuous education of medical staff dealing with otorhinolaryngology. This school takes place through various meetings, seminars, workshops, videoconferences and other types of education. As a special kind of education we will eventually mention the published books and contents, whose authors are employees of our clinic.

The beginnings of the school

In the autumn of 1979, the ORL meeting of the ENT section of B&H with the theme "Tonsillar problem" was held in Tuzla. The meeting was very successful and visited, because the focus of the topic was the immunological significance of the tonsils and the modern approach to indication for tonsilloadenoidectomy. Ten years later (1989) in Tuzla, a meeting of the maxillo-facial surgeons section and plastic surgeons of B&H was held.

In the organization of our Clinic and School for Students with Special Needs in Tuzla in 1988, a significant gathering of "Verbotonal Days" took place in Tuzla for two days, and the participants were from all over the region of the former Yugoslavia. The holders of the themes were prominent experts of the SUVAG Institute (Zagreb), led by academician prof. dr. Peter Guberina.

The development of computer science and telecommunications has led to the possibility of communicating among people at great distances. Our clinic has organized three videoconferences:

The University Center for the Development of Remote Learning (UCDED) of the University of Tuzla (www.untz.ba) has created technical prerequisites for videoconferencing with the whole world. Using this resource, our clinic managed to organize the first videoconference held on May 20, 2003 through this center with Vienna (Austria), and a special guest lecturer was prof. Dr. Dieter Wollf Baumgartner from the ORL clinic AKH in Vienna. The lectures of the eminent expert from Vienna in Tuzla were followed by students of the Faculty of Medicine and Defectology in Tuzla (altogether over 80), and at the end of the lecture were also asked questions of prof. Baumgartner.

On May 20, 2005 Videoconference between UCDED Tuzla and the English Embassy in Belgrade, Serbia, was held. Students from the Faculty of Medicine and Faculty of Defectology in Tuzla attended Tuzla, and at the English Embassy in Belgrade, teachers at the Faculty of

Defectology in Belgrade (Serbia) and other defectologists from Belgrade. The lecturer was dr. Dagmar Herrmanov from the Czech Republic, and the topic was "Cochlear implantation in children with multiple disabilities". The lecturer was in the English Embassy in Belgrade, and the listeners from Tuzla asked questions to the lecturer and other participants in Belgrade (http://www.ucded.untz.ba/medel_pred.htm).

ORL clinic Tuzla on May 10, 2006 through UCDED, established a link to the operating room in Marseille (France) and Manchester (England), and in this way, two operational interventions through video connection with the possibility of intreractive participation were monitored. This project was called "Live International Otolaryngology Network" ("LION") and included 11 ORL clinics in the world, including our clinic.

After these meetings, our clinic continues with the organization of expert meetings. Such a gathering was "FUNCTIONAL ENDOSCOPIC SINUS SURGERY-FESS" (March 28th -29th, 2002). The semminar was attended by about 30 participants, otorhinolaryngologists from the Federation of B&H. The lecturers were Dr. Tomislav Badouin and Prof. Dr. Livije Kalogjera from the ENT Clinic Clinical hospital center "Sisters of Mercy" Zagreb.

The next meeting organized by our clinic was "MED-EL COMBI 40+ FITTING SEMMINAR". The semminar was attended by about 50 participants (otorhinolaryngologists, surdoaudiologists and speech therapists). The theme of the semminar was the adjustment of the cochlear implant after implantation, and this was the first semminar of this kind in Bosnia and Herzegovina.

After these meetings, our clinic began to organize regularly, at least once a year, a meeting dedicated to education. Initially, we organized these meetings together with colleagues from the ENT clinic from Rijeka (Croatia), and very quickly, with the organization of these meetings, we joined and provided great help from our colleagues from Turkey.

On the occasion of the ten years of our school work, we feel the need to thank all colleagues who have contributed their work to our school. Here, we must especially emphasize our colleagues, who made the greatest contribution to the work of our school: prof. Radan Starčević (Rijeka), prof. Darko Manestar (Rijeka) and prof. Mahmut Tayyar Kalcioğlu (Istanbul). Their involvement in the organization of the work of our school was invaluable.

In the following sections of this lucky story, we have presented you with a list of all the seminars held so far (from 2007 to 2017), we listed the names of all the lecturers at our seminars, workshops, and in the end we also gave the titles of the topics of lectures and workshops in this period. We hope to persevere in our endeavors and that our "Tuzla ENT School" will continue with its successful work and spread knowledge in the field of otorhinolaryngology.

LIST OF SEMMINARS AND WORKSHOPS

REHABILITATION OF CHILDREN WITH COCHLEAR IMPLANT

Tuzla, 08.06.2007.

Title of lectures:

Rehabilitation of children with cochlear implant- ENT Tuzla experience- Fuad Brkić, Tuzla
Financing of rehabilitation of children with cochlear implant in Tuzla canton region, Šeherzada Salihbašić, Tuzla

„Center for rehabilitation of hearing and speech“- Sarajevo, Ismet Kurtagić, Sarajevo
Rehabilitation of children with cochlear implant- ENT Banja Luka experience- Sanja Špirić, Banja Luka

As a product of this set, we published a book "Rehabilitation of children with cochlear implant" and DVD with practical instructions for speech therapists dealing with the rehabilitation of children with cochlear implants.

ALLERGIC RHINITIS: DIAGNOSIS AND THERAPY

Tuzla, 16.5.2008.

Title of lectures:

Allergic rhinitis and asthma- Jasminka Alagić-Smailbegović, Sarajevo

Allergic rhinitis and nasal polyps- Livio Kalogjera, Zagreb

Allergic rhinitis in children- Darko Richter, Zagreb

Therapy of allergic rhinitis- Darko Manestar, Rijeka

Allergic rhinitis: definition, Incidence- Alija Gežo, Sarajevo

VERTIGO: DIAGNOSIS AND THERAPY

Tuzla, 16.5.2008.

Title of lectures:

Vertigo in everyday praxis- Fuad Brkić, Tuzla

Vertigo as diagnostic problem- Damir Gortan, Zagreb

Diagnostic procedures in patients with vertigo- Marijan Hanžek, Zagreb

**HEARING AIDS
Tuzla, 30.05.2008.**

Title of lectures:

Fitting of hearing aids- Lejla Pirić, Tuzla

Hearing aids: ENT points of view- Fuad Brkić, Tuzla

Implantable hearing systems- Michael Morgner

New technology in signal processing-Karl Heinz Wolf

Habilitation-Rehabilitation in children: differences in using Hearing aid- J. Brachmaier, Wien

**EAR SURGERY
Tuzla, 23.3.2009.**

Live surgery: Cochlear implant, VibrantSoundBridge, Myringoplasty- Milan Profant, Bratislava

**ALLERGIC RHINITIS IN CHILDREN
Tuzla, 15.5.2009.**

Title of lectures:

United airways- Radan Starčević, Rijeka

Clinical features of allergic rhinitis in children- Alija Gežo, Sarajevo

Hyposensibilization- Neda Aberle, Osijek

Allergic rhinitis in children and Asthma-Ediba Saračević, Sarajevo

Local therapy of allergic rhinitis in children- Branimir Nestorović, Beograd

**COMMUNICATION AFTER LARYNGECTOMY: DR ERIC BLOOM'S LECTURE
Tuzla, 6.6.2009.**

Title of Course:

A Clinical Course in Tracheoesophageal Voice Restoration- Eric Blom, Indianapolis

**ALLERGIC RHINITIS AND ASTHMA
Tuzla, 21.5.2010.**

Title of lectures:

ARIA guidelines: presentation of electronic databasis of patients- Fuad Brkić, Tuzla

Allergic rhinitis and asthma- Alija Gežo, Sarajevo

Allergic rhinitis and lung disease- Sead Jamakosmanović, Tuzla

**DYSPHAGIA: DIAGNOSIS, CAUSES, TREATMENT AND REHABILITATION
Tuzla, 22.5.2010.**

Title of lectures:

Neurophysiological methods in evaluation of oropharyngeal dysphagia- Cumhur Ertekin, Istanbul

Coordination breathing and swallowing function: an interdisciplinary perspective- Urlike Frank, Postdam

Diagnosis and surgical rehabilitation of dysphagia after surgical oncology of head and neck- Gabriele Molteni, Modena

Swallowing disorders due to velopharyngeal insufficiency- Mustafa Gerek, Ankara

Surgery in dysphagia- Mustafa Gerek, Ankara

Botox injection in swallowing disorders- Mustafa Gerek, Ankara

Laboratory for dysphagia management- Hakan Birkent, Ankara

Dysphagia after implantation of voice prosthesis- Robert Tićac, Rijeka

**PRACTICAL COURSE ON THE BASICS OF THE FUNCTIONAL ENDONASAL ENDOSCOPIC
SINUS SURGERY (FESS)**

Tuzla, 6.-7.5.2010.

Practical Course on the basics of the functional endoscopic sinus surgery (FESS)- Ranko Mladina, Zagreb

**PRACTICAL COURSE ON THE FUNCTIONAL ENDONASAL ENDOSCOPIC SINUS SURGERY
(FESS) AND 3D-NAVIGATION SYSTEM**

Tuzla, 19.-20.5.2011.

Practical course on the functional endoscopic sinus surgery (FESS) and 3-D navigation system- Course director: Drago Prgomet, Zagreb

Title of lectures:

FESS and 3D-Navigation system- Drago Prgomet, Zagreb

Complications of FESS- Gorazd Poje, Zagreb

ARIA- Revision 2010- Mahmut Tayyar Kalcioglu, Istanbul

Immunotherapy of allergic rhinosinusitis- Darko Manestar, Rijeka

1ST TURKEY-CROATIA-BOSNIA AND HERZEGOVINA ENT MEETING
Tuzla, May 31st, - June 1th, 2012.

Title of lectures:

MESNA application during cholesteatoma surgery- Mahmut Tayyar Kalcioglu, Malatya
Radiologic evaluation of temporal bone- Erkan Karatas, Malatya
Endoscopic dacryocysthorhinostomy- Yuksel Toplu, Malatya
Primary and secondary implantation of voice prosthesis- Davorin Đanić, Slavonski Brod
Complications and change of Provox prosthesis- Robert Tićac, Rijeka
Voice rehabilitation after insertion of Provox prosthesis- Tamara Živković- Ivanović, Zagreb

2ND TURKEY-CROATIA-BOSNIA AND HERZEGOVINA ENT MEETING
Tuzla, May 16th, - 17th, 2013.

Title of lectures:

ARIA guidelines- Fuad Brkić, Tuzla
Endoscopic repair of CSF leak- Lokman Uzun, Malatya
Chronic otitis media- Šekib Umihanić
CT and NMR in diagnosis of chronic otitis media- Haris Huseinagić, Tuzla
Surgical therapy of chronic otitis media- Mahmut Tayyar Kalcioglu, Istanbul
Hearing aids- Nermina Arnautović, Sarajevo
BAHA- Marko Velepčić, Rijeka
Cochlear implants- Dejan Mudrin, Maribor

3RD TURKEY-CROATIA-BOSNIA AND HERZEGOVINA ENT MEETING
Tuzla, June 7-14, 2014.

June 7, 2014.

Title of lectures:

Laryngotracheal stenoses- Walter Klepetko, Wien

June 10, 2014

Rehabilitation of children with hearing loss

Title of lectures:

Epidemiology of hearing loss- Fuad Brkić, Tuzla
Impact of Universal Newborn Hearing Screening- Lejla Pirić
Surgical therapy of hearing loss in children- Šekib Umihanić
Social aspects and spirituality of children with hearing loss- Husnija Hasanbegović
Education of children with hearing loss- Alma Avdić
Economical aspects of hearing loss in children- Alma Hurić

June 11, 2014.

Vestibular rehabilitation

Title of lectures:

Diagnosis and treatment of BPPV- Siniša Malsovara

Introduction in vestibular rehabilitation- Tihana Vešligaj

Repositional maneuvers for BPPV- Olivera Čejčić

Antibiotics in the therapy of chronic otitis media- Aldina Ahmetagić, Tuzla

Ambulatory treatment of chronic otitis media- Alija Gežo, Sarajevo

4th TURKEY-CROATIA-BOSNIA AND HERZEGOVINA ENT MEETING Tuzla, January 4th, 2015.

Cochlear implant: **Live surgery**- Mahmut Tayyar Kalcioglu, Istanbul

5th TURKEY-CROATIA-BOSNIA AND HERZEGOVINA ENT MEETING Tuzla, March 30th, 2016

Live surgery: Cochlear implant- Mahmut Tayyar Kalcioglu, Istanbul

Round table: Cochlear implantation in Bosnia and Herzegovina: Where we are? Šekib Umihanić, Tuzla; Sanja Špirić, Banja Luka; Irena Pehar, Mostar

Round table: Rehabilitation of children after cochlear implantation: experience of experts- Lejla Pirić, Tuzla; S. Pajčin, Banja Luka; B. Sotirov, Beograd; I. Simić, Mostar; M. Mirić, Beograd
Cochlear Implant Surgery: What should be done to avoid failure and complication? Mahmut Tayyar Kalcioglu, Istanbul

Project of Cochlear implantation in Croatia- Robert Trotić, Zagreb

Project of Cochlear implantation in Slovenia- Janez Rebol, Maribor

6th TURKEY-CROATIA-BOSNIA AND HERZEGOVINA-SERBIA ENT MEETING Tuzla, October 13th, 2017.

Title of lectures:

Nystagmus and its clinical importance- Sertac Yetiser, Istanbul

BPPV: diagnosis and treatment- Levent Ozluoglu, Ankara

Vertigo in geriatric ages- F. Necdet Ardic, Denizli

Diagnostic procedures in primary care ambulance- Marko Sente, Subotica

25 (OH)D3 levels, incidence and recurrence of different clinical forms of BPPV- Siniša Maslovara, Osijek

Workshop: Latest update and latest vestibular rehabilitation (Bal ex innovation products)- Zuraida Zainun, Sains

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LIST OF LECTURERS:

CROATIA:

Prof. Radan Starčević, MD, PhD
Prof. Darko Manestar, MD, PhD
Prof. Mitja Velepich, MD, PhD
Prof. Ranko Mladina, MD, PhD
Prof. Damir Gortan, MD, PhD
Prof. Boris Salaj, MD, PhD
Prof. Livije Kalogjera, MD, PhD
Prof. Neda Aberle, MD, PhD
Prof. Davorin Đanić, MD, PhD
Robert Tićac, MD
Ass. Prof. Dubravka Matanić-Lender
Gorazd Poje, MD
Katarina Vuković, MD
Tamara Živković-Ivanović
Ass. Prof. Siniša Maslovara, MD, PhD
Prof. Robert Trotić, MD, PhD

TURKEY:

Prof. Emeritus Cumhur Ertekin, MD, PhD
Prof. Mustafa Gerek, MD, PhD
Ass. Prof. Hakan Birkent, MD, PhD
Prof. Mahmut Tayyar Kalcioğlu, MD, PhD
Prof. Metin Onerci, MD, PhD
Prof. Lokman Uzun, MD, PhD
Assoc. Prof. Erkan Karatas, MD, PhD
Assoc. Prof. Yuksel Toplu, MD, PhD
Prof. Sertac Yetiser, MD, PhD
Prof. Levent Ozluoglu, MD, PhD
Prof. Necdet Ardic, MD, PhD

SLOVAKIA

Prof. Milan Profant, MD, PhD

SLOVENIA:

Pof. Janez Rebol, MD, PhD

UNITED STATES OF AMERICA:

Eric Blom, PhD

AUSTRIA:

Prof. Walter Klepetko, MD, PhD
Micahel Morgner, dip. Ing
Karl Heinz-Wolf, PhD
Joanna Brachmeier

GERMANY:

Ulrike Frank, MD

ITALY:

Gabriele Molteni, MD, PhD

MALAYSIA:

Dr. Zuraida Zainun

SERBIA:

Prof. Branimir Nestorović, MD, PhD
Marko Sente, MD
Bojan Sotirov
Maja Mirić

MACEDONIA:

Nikolica Cekić, MD

BOSNIA AND HERZEGOVINA:

Prof. Fuad Brkić, MD, PhD
Prof. Šekib Umihanić, MD, PhD
Prof. Jasminka Alagić-Smailbegović, MD, PhD
Prof. Nevzeta Salihović, MD, PhD
Prof. Ismet Kurtagić, MD, PhD
Prof. Sanja Špirić, MD, PhD
Irena Pehar, MD
Lejla Pirić
Šherzada Salihbašić, MSc
Ass. Prof. Alija Gežo, MD, PhD
Prof. Ediba Saračević, MD, PhD
Ass. Prof. Sead Jamakosmanović, MD, PhD
Prof. Samir Delibegović, MD, PhD
Prof. Haris Huseinagić, MD, PhD
Aldina Ahmetagić, MD
Prof. Samra Mujačić, PhD
Nihad Mešanović, Msc
Doc. Zihnet Selimbašić, MD, PhD
prof. Husnija Hasanbegović, PhD
Doc. Alma Avdić, PhD
Almira Hurić, Msc.