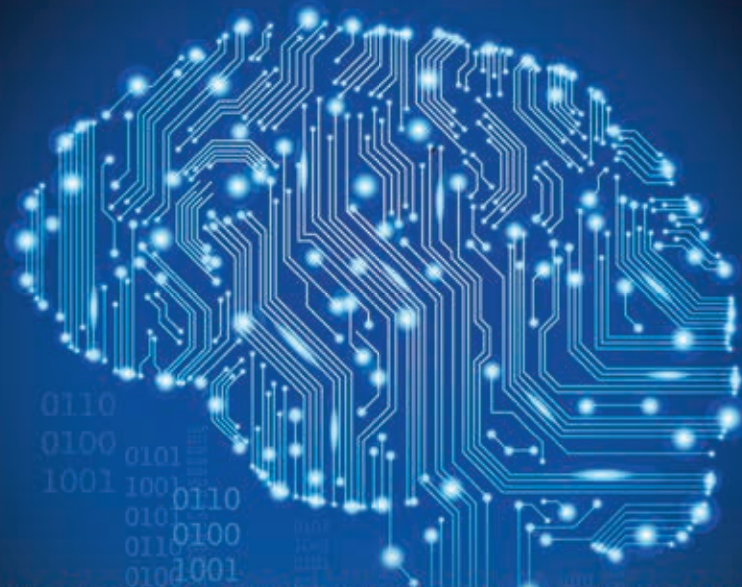




Maastricht University

2nd CLINICAL NEUROSCIENCE COURSE



Progress in Deep Brain Stimulation in Movement Disorders,
Epilepsy, and Psychiatric Disorders

OMÜ

AUGUST 06 - 08, 2015

Ondokuz Mayıs University School of Medicine and Sheraton Hotel, Samsun - Turkey

www.derinbeyinstimulasyonu.com / www.turknorosirurji.org.tr





2nd CLINICAL NEUROSCIENCE COURSE

Progress in Deep Brain Stimulation in Movement Disorders, Epilepsy, and Psychiatric Disorders

Dear colleagues,

With great pleasure, we announce the **2nd Clinical Neurosciences Summer Course**, which will be held in Samsun, Turkey, on 6-8 August. After the successful organization of the 1st Clinical Neuroscience Summer course entitled "The principles and practice of DBS in Movement Disorders", 1-3 July 2013 in Samsun, we were motivated to organize the second course. In this course, the focus will be on the latest developments in the field of DBS. The title of this course is **Progress in Deep Brain Stimulation in Movement Disorders, Epilepsy, and Psychiatric Disorders**.

This course is organized by members of the European Graduate School of Neuroscience (EURON), Mediterranean Neuroscience Society (MNS), Maastricht University Medical Center, and Ondokuz Mayıs University of Samsun. It is a collaborative effort and members of these organizations will be involved in teaching during the course.

The aim of this course is to provide an update on the latest developments in the field of DBS in movement disorders, epilepsy and psychiatric disorders. In addition, we will demonstrate a state-of-the art DBS surgery in a patient with movement disorder. The course is composed of three parts. In the first part, the participants will receive lectures including indications, surgical technique, surgical anatomy and relevant scientific principles. These lectures will be given by neurologists, neurosurgeons, psychiatrists and scientists. This characterizes immediately the multidisciplinary nature of DBS. In the second session, participants will observe a DBS surgery (using an on-line camera-demonstration system, live from the operating theatre to the meeting room) and will receive comments and explanations from experts during the surgery. In the third part, case discussions will take place. Participants are encouraged to discuss their cases with the experts during the course. The language of the course will be English and Turkish.

We are motivated to put together a scientifically and clinically appealing program and hope to create an active platform to exchange and discuss the latest research results and concepts in the fields of movement disorders, psychiatric disorders, and epilepsy.

We look forward hosting you in Samsun.

For detailed scientific programme, you can gladly visit www.derinbeyinstimulasyonu.com; www.turknorosirurji.org.tr



Ersoy Kocabicak, MD
Chair of Organizing Committee



Yasin Temel, MD PhD
Chair of Organizing Committee



2nd CLINICAL NEUROSCIENCE COURSE

Progress in Deep Brain Stimulation in Movement Disorders, Epilepsy, and Psychiatric Disorders

COURSE DIRECTORS (In alphabetical order)

Prof. Hagai Bergman

Department of Physiology, The Hebrew University, Hadassah Medical School, Jerusalem, Israel

Prof. Abdelhamid Benazzouz

Université de Bordeaux, Institut des Maladies Neurodégénératives, Bordeaux, France

Assist. Prof. Ali Jahanshahi

Department of Neuroscience, Maastricht University Medical Centre, Maastricht, the Netherlands

Assoc. Prof. Ersoy Kocabicak

Department of Neurosurgery, School of Medicine, Ondokuz Mayıs University, Samsun, Turkey

Prof. Ali Savas

Department of Neurosurgery, School of Medicine, Ankara University, Ankara, Turkey

Prof. Yasin Temel

Departments of Neurosurgery and Neuroscience, Maastricht University Medical Centre, Maastricht, the Netherlands

LOCAL ORGANIZING COMMITTEE (In alphabetical order)

Prof. Dursun Aygun

Department of Neurology, School of Medicine, Ondokuz Mayıs University, Samsun, Turkey

Prof. Cengiz Cokluk

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GENERAL INFORMATION

WELCOME

After the successful organization of the 1st Clinical Neuroscience Course entitled "The Principles and Practice of DBS in Movement Disorders", 1-3 July 2013 in Samsun (Turkey), we were motivated to organize the second course. In this course, the focus will be on the latest developments in the field of DBS for neurological and psychiatric disorders.

ORGANISATION

This course is organized by members of the Mediterranean Neuroscience Society (MNS), Maastricht University Medical Center, and Ondokuz Mayıs University of Samsun. It is a collaborative effort and members of these organizations will be involved in teaching during the course.

DEEP BRAIN STIMULATION, ANNO 2015

Chronic DBS in its current form has been applied by Alim Louis Benabid in 1987 in a patient with tremor-dominant tremor, who received the prestigious Lasker Prize in 2014. The ventro-intermediate nucleus of the thalamus was stimulated. In 1993, the first patient with Parkinson's disease received bilateral subthalamic nucleus (STN) DBS, after discovering that ablating and later stimulating the STN in animals had therapeutic effects (Profs. Bergman and Benazzouz, respectively). Since then thousands of patients have been treated with DBS. It should be noted that stimulating deeply situated regions in patients is not new. Experimental DBS, also referred as electrical stimulation, has been used in second half of the 20th century to treat patients with severe psychiatric disorders. It is difficult to draw definite conclusions from these studies because of methodological difficulties and ethical issues.

At present, DBS has become a standard therapy to treat patients with Parkinson's disease, essential tremor, dystonia, Tourette syndrome and obsessive-compulsive disorder. Short-term and long-term effects have confirmed its efficacy and its complications are better recognised and managed. More and more centers are motivated to set-up their own DBS programme.

COURSE

The aim of this course is to provide an update on the latest developments in the field of DBS in movement disorders, epilepsy and psychiatric disorders. In addition, we will demonstrate a state of the art DBS surgery in a patient with movement disorder. The course is composed of three parts. In the first part, the participants will receive lectures including indications, surgical technique, surgical anatomy and relevant scientific principles. These lectures will be given by neurologists, neurosurgeons and scientists. This characterizes immediately the multidisciplinary nature of DBS. In the second session, participants will observe a DBS surgery (using an on-line camera-demonstration system, live from the operating theatre to the meeting room) and will receive comments and explanations from experts during the surgery. In the third part, case discussions will take place. Participants are encouraged to discuss their cases with the experts during the course. The language of the course will be English and Turkish.





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GENERAL INFORMATION

TARGET GROUP

Clinicians (neurosurgery, neurology, psychiatry, psychology, and nurses), scientists and students interested in DBS.

TRAVEL GRANT

Limited travel grant will be provided for the assistants and students who will attend to the course abroad. For the participants who will apply for travel grant, should contact with Dr. Ersoy Kocabicak via ersoykocabicak@gmail.com. Please kindly note that it is compulsory also to send a detailed CV.

SIMULTANEOUS TRANSLATION

During the course; there will be simultaneous translation from English to Turkish and from Turkish to English.

COURSE VENUE and FACILITIES

The venue is the Faculty of Medicine, Ondokuz Mayıs University and Sheraton Hotel, Samsun, Turkey. Samsun is a key city in the Black Sea region of Turkey. The University is located on the hills of Samsun, again facing the black sea. It is one of the biggest universities of Turkey, with approximately 40.000 students. The evening program will include recreational activities to facilitate interactions between participants and faculty.

We aim to create a forum of fruitful interaction between the participants and experts in the field of DBS.

LETTER of INVITATION

Upon request, the course organization secretariat will be pleased to send a personal invitation to all participants to facilitate visa and other formalities. This letter should not be considered as an offer of financial support from the organizers.

CLIMATE

The average temperature in Samsun during August is 30-35°C during daytime, hot & sunny.

TIME ZONES

GMT Time Zone (+2 Turkey, Istanbul)

PASSPORTS & VISAS

A valid passport is required for entry to Turkey. Citizens of a country which requires a visa for entry to Turkey are strongly advised to make their application in their home country at least one month before the intended date of travel. If in doubt, information can be obtained from your nearest Turkish Embassy or www.mfa.gov.tr

ELECTRICITY

The current in Turkey is 220 volts 50 Hz.





2nd CLINICAL NEUROSCIENCE COURSE

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06 August 2015, Thursday

Sheraton Hotel

08.00 - 08.30 Registration

08.30 - 08.45 Opening by the organizers

Organization Committee

08.45 - 09.00 Welcome message

Rector of OMU and Dean of School of Medicine

Science: An update

Moderators: Ali Savas, Yasin Temel

09.00 - 09.30 Update on the scientific aspects of DBS for Parkinson's disease

Abdelhamid Benazzouz

09.30 - 10.00 Update on the scientific aspects of DBS in Obsessive - compulsive disorder

Hagai Bergman

10.00 - 10.15 Coffee break

Moderators: Tanju Ucar, Ersoy Kocabicak

10.15 - 10.45 Electrical stimulation in experimental depression: Targets and mechanisms

Lee Wei Lim

10.45 - 11.15 Current opinion on the mechanisms of DBS

Ali Jahanshahi

11.15 - 11.30 Ask the scientific experts: Mechanisms of DBS

Clinics: An update of the specific indications

Moderators: Ahmet Bekar, Musa Onar

11.30 - 12.00 Current state of the clinical aspects of DBS for Parkinson's disease

Mark Janssen

12.00 - 12.30 Current state of clinical aspects of DBS for Dystonia

Ali Savas

12.30 - 13.30 Lunch break

Moderators: Ersin Erdogan, Dursun Aygun

13.30 - 13.50 An update on DBS for essential tremor

Sertac Islekel

13.50 - 14.10 An update on DBS for complex tremor

Sabri Aydin

14.10 - 14.40 An update on DBS for epilepsy

Linda Ackermans

14.40 - 15.00 Ask the clinical experts: Movement disorders and epilepsy

15.00 - 15.20 Coffee break

Moderators: Hatice Guz, Cengiz Cokluk

15.20 - 15.50 Current opinion of DBS for Obsessive-Compulsive disorder

Yasin Temel

15.50 - 16.20 Current opinion of DBS for depression

Oguzkan Surucu

16.20 - 16.50 Current opinion of DBS for Tourette Syndrome

Linda Ackermans

16.50 - 17.10 Ask the clinical experts: Psychiatric disorders

17.30 - 18.30 Planning workshop

Station 1

Yasin Temel

Station 2

Ersoy Kocabicak

20.00 Opening dinner



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07 August 2015, Friday

Sheraton Hotel

Live surgery

Moderators: Sukru Aykol, Bulent Elibol

08.30 - 09.00	Surgical anatomy of the basal ganglia, thalamus and related structures	Yasin Temel
09.00 - 09.20	Principles of stereotaxy technique	Ali Savas
09.20 - 09.40	New developments in stereotaxy	Oguzkan Surucu
09.40 - 10.00	STN or GPI: New developments or an old story?	Feridun Acar
10.00 - 10.15	Presenting the case of the live surgery	Cenk Akbostanci
10.15 - 10.45	Planning the case of the live surgery	Yasin Temel

10.45 - 11.15 Coffee break

11.15 - 14.30 Live surgery

*Ersay Kocabicak, Mehmet Tonge, Dursun Aygun, Abdelhamid Benazzouz,
Yasin Temel, Ali Savas, Hagai Bergman*

14.30 - 15.00 Coffee break

Post-surgery

Moderators: Hasmet Hanagasi, Omer Iyigun

15.00 - 15.30	Management of complications of DBS	Ali Zirh
15.30 - 16.00	DBS programming: Tips and tricks and discussion of difficult cases	Cenk Akbostanci
16.00 - 17.00	Programming workshop	Sibel Ertan, Cenk Akbostanci, Dursun Aygun, Dilek Ince Gunal, Ayse Bora Tokcaer

19.00 Dinner





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08 August 2015, Saturday

Sheraton Hotel

Moderators: Okan Dogu, Hüseyin Sahin

08.30 - 08.45	An update on qualitative and quantitative changes on brain MRI in Parkinson's disease	Ilkay Camlidag
08.45 - 09.00	Effect of age, disease duration, and motor subtypes on the levadopa response in patients with advanced PD	Dursun Aygun
09.00 - 09.15	Is microelectrode recording imperative to find the STN	Ersoy Kocabicak
09.15 - 09.30	Final electrode position in STN DBS	Mehmet Tonge

09.30 - 09.45 Coffee break

DBS experience in movement disorders and case discussion

Moderators: Murat Kurt, Keramettin Aydın

09.45 - 10.00	Askin Seker , Marmara University, Istanbul
10.00 - 10.15	Mehmet Ersahin , Medeniyet University, Istanbul
10.15 - 10.30	Ahmet Acarer , Ege University, Izmir
10.30 - 10.45	Bekir Tugcu , Bakirkoy Mental Hospital, Istanbul

10.45 - 11.00 Coffee break

Clinical reports and case discussion

Moderators: Mehmet Ersahin, Selhan Karadereler

11.00 - 11.15	Tanju Ucar , Akdeniz University, Antalya
11.15 - 11.30	Akin Akakin , Bahçeşehir University, Istanbul
11.30 - 11.45	Murat Terzi , Ondokuz Mayıs University, Samsun
11.45 - 12.00	Hulagu Kaptan , Selçuk University, Konya
12.00 - 12.15	Betul Ozdilek , Erenköy Mental Hospital, Istanbul

12.15 Closing remarks





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NAME – SURNAME :

INSTITUTION :

E – MAIL :

SPONSOR COMPANY :

PHONE :

ACCOMMODATION	JUNE 19 2015 and BEFORE		AFTER JUNE 19 2015	
SHERATON HOTEL	SINGLE ROOM	PER PERON in DOUBLE ROOM	SINGLE ROOM	PER PERON in DOUBLE ROOM
	255 EURO <input type="checkbox"/>	150 EURO <input type="checkbox"/>	275 EURO <input type="checkbox"/>	165 EURO <input type="checkbox"/>

3 night accommodation between August 5 – 8, 2015 at bed & breakfast basis at Sheraton Hotel and VAT are included to the accommodation fees mentioned above.

REGISTRATION	JUNE 19 2015 and BEFORE	AFTER JUNE 19 2015
CLINICIAN	200 EURO <input type="checkbox"/>	225 EURO <input type="checkbox"/>
ASSISTANT - STUDENT	150 EURO <input type="checkbox"/>	175 EURO <input type="checkbox"/>

Items included in the registration fee are access to scientific sessions, printed materials, 2 lunch (August 6 – 7, 2015), 5 coffee breaks (August 6 – 7 - 8, 2015), opening dinner (August 6, 2015), 1 dinner (August 7, 2015) and VAT.

The participants who will attend as assistant or student should submit official document

No daily registration is allowed.

The attendance for the course is limited with 70

Cancellation Policy:

- Please note that all transfer charges, bank collection fees and financial charges are at the responsibility of the participant.
- Refund for cancellations will be made subject to the following deadline and administration charge

Before June 19 2015 Full refund excluding bank fees and financial charges

Between June 20 - July 03 2015 50% of the fee

After July 03 2015 No refund

All changes and cancellations can only be made in written. Kindly note that the reimbursements will be done after the course.

PRIME CONGRESS MANAGEMENT AND TOURISM BANK DETAILS;

Bank Name : T. İş Bankası	Branch Name / Branch Code : Suadiye / 1176
Account Name: Prime Kongre	ACCOUNT NR (EURO) : 0698745
IBAN (EURO) : TR84 0006 4000 0021 1760 6987 45	Swift Code : ISBKTRISXXX

ORGANIZATION SECRETARIAT





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SCIENTIFIC SECRETARIAT

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ORGANIZATION SECRETARIAT



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