IOTA 2013
International Ovarian Tumour Analysis

First International IOTA Congress

How to classify and manage ovarian tumours ?

**April 26 - 27, 2013
Leuven, Belgium**

**University Hospitals Leuven
Onderwijs & Navorsing
(Education and Research)**

UZ LEUVEN

Dear Colleague

We invite you to participate in the First International Ovarian Tumour Analysis (IOTA) Congress which will be organized in Leuven, Belgium on 26 and 27 April 2013.

Over the last 14 years the group has standardized the approach to the ultrasound description of ovarian pathology and redefined the characterisation of both malignant and benign adnexal tumours. There are now over 50 centers participating in IOTA studies in 20 countries around the world.

The aim of the first international congress is to communicate what we have learnt from the study of over 6000 adnexal masses. We will focus on education in gynaecological ultrasonography and the management of ovarian pathology as well as the evaluation of cancer once it has been diagnosed. The international faculty includes experts from a range of fields including ultrasonography, gynecologic oncology, pathology and radiology.

At the end of the course participants should be familiar with all IOTA terms and definitions for ovarian tumours as well as practical clinical approaches to the evaluation and management of adnexal pathology. After successfully completing an MCQ test at the end of the congress official IOTA certificates will be awarded.

With its attractive central market square, Leuven is a very pleasant and lively medieval town. It hosts both the largest brewery in the world (AB Inbev) as well as the oldest university in the lower lands (KU Leuven, founded in 1425) with 40,000 students. Leuven has excellent transport links being only twenty minutes by train from Brussels Airport or from Brussels Midi station with prompt connections to Eurostar.

We look forward to meeting you in Leuven.

With best regards,

Dirk Timmerman, Tom Bourne, Antonia Carla Testa, Lil Valentin, Ben Van Calster, Sabine Van Huffel, Ignace Vergote

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DAY 1: Friday, April 26, 2013

08:00 - 09:15 Ovarian pathology: Meet the expert 'round table' sessions
1. Rare tumours | Caroline van Holsbeke
2. How prediction models work - the statistics explained | Ben Van Calster
3. Borderline and decidualised tumours | Antonia Testa
4. IOTA variables explained | Ahmad Sayasneh
5. Tumour metastasis | Lil Valentin

Chair: Tom Bourne

09:15 - 09:45 Welcome and a history of the development of models and future plans for the IOTA project | Dirk Timmerman

PREDICTION MODELS

09:45 - 10:15 Why characterizing ovarian pathology before surgery matters | Ignace Vergote
10:15 - 10:45 IOTA terminology and definitions used to describe ovarian tumours | Lil Valentin

10.45 - 11:15 Coffee break

11:15 - 11.45 How IOTA prediction models compare to previous prediction models including the risk of malignancy index (RMI) | Caroline Van Holsbeke
11.45 - 12:15 How LR2 performs in the hands of relatively inexperienced examiners - the IOTA 4b study | Ahmad Sayasneh
12:15 - 12.30 Just images and cases | Caroline Van Holsbeke/Jeroen Kaijser

12.30 - 14:00 Lunch break

DIFFERENTIATING CANCER TYPES

14:00 - 14:30 Primary invasive, metastatic and borderline tumours: what are the characteristic pathological and ultrasound features ? | Antonia Testa/Gianfranco Zannonni
14:30 - 15:00 The next step: devising prediction models to discriminate between benign, borderline and malignant tumours: the future IOTA model | Ben Van Calster
15:00 - 15:30 The clinical significance of knowing if a tumour is primary, borderline or metastatic - does it change management ? | Frederic Amant

15:30 - 16:00 Coffee break

TUMOUR MARKERS

16:00 - 16:15 Do measurements of serum CA 125 improve the characterization of ovarian pathology either by experts or enhance the performance of IOTA models ? | Lil Valentin
16:15 - 16.45 HE4 and ROMA, do they add anything to the diagnosis of ovarian tumours - should we be using them ? | Jeroen Kaijser
16.45 - 17:15 Are any new markers of ovarian cancer on the horizon ? | Toon Van Gorp
17:15 - 18:00 Just images quiz | Dirk Timmerman/Tom Bourne/Daniela Fischerova | sponsored by GE Healthcare

18:00 - 19:00 Welcome reception: Foyer Biomedical Sciences | sponsored by Roche
Speakers dinner after drinks

DAY 2: Saturday, April 27, 2013

08:00-09:00 Meet the expert 'round table' sessions
1. Adnexal pathology that does not require intervention | Lil Valentin
2. Role of (PET)-CT and MRI for characterizing ovarian tumours | Vincent Vandecaveye
3. Tumour markers | Jeroen Kaijser
4. Evaluating the endometrium | Thierry Van den Bosch
5. Looking for lymph nodes | Daniela Fischerova
6. Biostatistics made easy | Laure Wynants/Kirsten Van Hoorde

SIMPLE RULES AND DESCRIPTORS

09:00-09:30 IOTA simple rules to predict malignancy | Dirk Timmerman
09:30-10:00 A different intuitive approach: using "descriptors" to characterize ovarian pathology | Tom Bourne
10:00-10:15 How do simple rules and descriptors perform in inexperienced hands? | Ahmad Sayasneh
10:15-10:30 Just images to illustrate rules and descriptors | Jeroen Kaijser/Antonia Testa

10:30-11:00 Coffee break

SPECIFIC OVARIAN PATHOLOGY

11:00-11:20 Characteristics of typical and atypical endometriomas as well as dermoid cysts | Caroline Van Holsbeke
11:20-11:40 Borderline disease and recurrence | Antonia Testa
11:40-12:00 Dysgerminoma, Granulosa tumours and Brenner tumours | Lil Valentin
12:20-12:40 Fibromas, fibrothecoma and cystadenofibroma of the ovary | Antonia Testa

12:40-14:00 Lunch break | sponsored by Roche

OVARIAN CANCER STAGING AND RECURRENCE

14:00-14:20 Ultrasound based interventions in oncology - when and how to use trucut biopsy (including video demonstration) | Michael Zikan
14:20- 14:40 Abdominal ultrasound to stage ovarian malignancy | Daniela Fischerova
14:40-15:00 Using ultrasound to predict optimal cytoreduction | Antonia Testa
15:00-15:30 Ovarian cancer theory | Gianfranco Zannonni

15:30-16:00 Coffee break

16:00-16:30 The role of MRI, CT and PET scanning when evaluating ovarian cysts and diagnosed cancer | Christophe Deroose and Vincent Vandecaveye
16:30-17:00 Ultrasound to follow up women with invasive and borderline disease - how to detect recurrence and how to manage it | Daniela Fischerova
17:00-18:00 Take home messages from IOTA research: how are you going to classify ovarian pathology and manage your patients? | Dirk Timmerman
Just images quiz and "exam" | Tom Bourne/Lil Valentin/Antonia Testa/Daniela Fischerova/Dirk Timmerman | sponsored by GE Healthcare

18:00 Closing remarks | Dirk Timmerman

Venue

**University Hospitals Leuven
Campus Gasthuisberg
Onderwijs en Navorsing 1 & 2
Herestraat 49
3000 Leuven**

Congress secretariat

Mrs. Diane Wolput
tel. +32 16 34 42 02
fax. +32 16 34 42 05
diane.wolput@uzleuven.be

Mrs. Marleen Craessaerts
tel. +32 16 34 36 06
fax +32 16 34 38 36
marleen.craessaerts@uzleuven.be

Mrs. Linda Simons
tel. +32 16 34 42 16
fax +32 16 34 42 05
linda.simons@uzleuven.be

**University Hospitals Leuven
Campus Gasthuisberg
Herestraat 49
3000 Leuven - Belgium**

Local Organizing Committee

T. Bourne
J. Deprest
J. Kaijser
A. Pexsters
D. Timmerman
C. Van Holsbeke
I. Vergote
J. Verguts

Website

http://homes.esat.kuleuven.be/~sistawww/biomed/iota/index.php/congresses/iota-congress-2013

Invited Speakers

Frederic Amant (Belgium)
Tom Bourne (UK)
Christophe Deroose (Belgium)
Daniela Fischerova (Czech Republic)
Jeroen Kaijser (Belgium)
Ahmad Sayasneh (UK)
Antonia Testa (Italy)
Dirk Timmerman (Belgium)
Lil Valentin (Sweden)
Ben Van Calster (Belgium)
Vincent Vandecaveye (Belgium)
Thierry Van den Bosch (Belgium)
Toon Van Gorp (The Netherlands)
Caroline Van Holsbeke (Belgium)
Kirsten Van Hoorde (Belgium)
Ignace Vergote (Belgium)
Laure Wynants (Belgium)
Gianfranco Zannonni (Italy)
Michael Zikan (Czech Republic)

Accreditation

Accreditation has been requested (Ethics & Economy)

Parking

Friday & Saturday : follow the arrows to 'Villa' (for free).
For accurate up-to-date information concerning traffic arrangements in UZ Leuven, see : www.uzleuven.be/we-genwerken.

Educational course approved by

isuog.org
VVOG — Vlaamse Vereniging voor Obstetrie en Gynaecologie vzw — partner voor vrouw & vrouwements
Concilium van Hoogleraren Gynaecologie en Verloskunde
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