



UNIVERSITÀ  
CATTOLICA  
del Sacro Cuore



ESEROME 2024  
23-25 MAY 2024

Gemelli



Fondazione Policlinico Universitario Agostino Gemelli IRCCS  
Università Cattolica del Sacro Cuore

# CONGRESS PROGRAMME



## WEDNESDAY 22 MAY 2024

**Sala Italia - Europa Congress Center**

**08:00 - 18:00**

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### **PRE-CONGRESS LIVE SURGERY MEETING**

*(Joint Meeting with the Italian Society of Endocrine Surgery and the National School of Endocrine Surgery of the Italian Society of Surgery)*

For more information, please go to page 26

**Sala Inghilterra - Europa Congress Center**

**15:00 - 18:00**

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### **EUROCRINE COUNCIL MEETING**

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## THURSDAY 23 MAY 2024

### Hotel Courtyard by Marriott Rome Central Park

08:00 – 12:30

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#### DES EXAMINATION

08:00 Briefing  
08:30 First Round  
10:30 Break  
11:00 Second Round  
13:00 Debrief  
15:30 Delivery of certificates

### Europa Congress Center

09:30 – 12:30

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#### ESES EXECUTIVE COMMITTEE MEETING

12:30 – 13:30

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#### ESES RESEARCH AND EDUCATION COMMITTEES MEETING

### Hotel Courtyard by Marriott Rome Central Park

13:30 – 14:30

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#### ESES NATIONAL DELEGATES MEETING

14:30 – 17:00

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#### PRE-CONGRESS COURSES

For more information, please go to page 18

#### DES Exam Preparatory Course

Chair: Reto Kaderli (*Switzerland*), Kerstin Lorenz (*Germany*), Jesús Villar del Moral (*Spain*)

#### How to Use the Eurocrine Platform and My Eurocrine Functionality for Research

Chair: Anders Bergenfelz (*Sweden*), Laurent Brunaud (*France*)

#### Basic Principles of MIT in Thyroid Diseases

Chair: Evelyne Slotema (*France*), Stefano Spiezia (*Italy*), Enrico Papini (*Italy*)

#### Fluorescence Application in Endocrine Surgery

Chair: Frederic Triponez (*Switzerland*), Ioannis Koutelidakis (*Greece*), Nancy Perrier (*USA*)

#### Robotic Applications in Endocrine Surgery

Chair: Ozer Makay (*Turkey*), Gabriele Materazzi (*Italy*), Barbara Mullineris (*Italy*)

THURSDAY 23 MAY 2024



## THURSDAY 23 MAY 2024

Auditorium - Europa Congress Center

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17:00 - 18:30

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### EUROCRINE ASSEMBLY

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18:30 - 20:00

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#### Opening Ceremony

#### ESER 20TH ANNIVERSARY: OUR SOCIETY AND ITS PERSPECTIVES SEEN BY THE FOUNDING MEMBERS

**Chair:** Marcin Barczynski (Poland), Thomas Musholt (*Germany*), David Scott-Coombes (*UK*)

**Panelists:** Rocco Bellantone (*Italy*), Anders Bergenfelz (*Sweden*), Bertil Hamberger (*Sweden*), Jean-Louis Kraimps (*France*), Paolo Miccoli (*Italy*), Antonio Sitges-Serra (*Spain*)

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20:00

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Welcome Reception

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**FRIDAY 24 MAY 2024**

**Auditorium - Europa Congress Center**

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**08:00 – 09:15**

**FREE PAPERS SESSION 1 - ADRENAL / NET**

**Chair:** Els Van DiJkum (*Netherlands*), Martin Walz (*Germany*)

**Pancreatic and Duodenal Neuroendocrine Tumors Producing Somatostatin**

Anna Caterina Milanetto\*, E. Veronese, M. Fassari, C. Pasquali (*Padua, Italy*)

**Modified Histopathological Grading Optimizes Prediction of Survival Outcomes in Small Intestinal Neuroendocrine Tumours**

Kosmas Daskalakis\*<sup>1</sup>, M. Tsoji<sup>2</sup>, G. Wallin<sup>1</sup>, A. Kogut<sup>4</sup>, R. Srirajaskanthan<sup>3</sup>, G. Giovos<sup>3</sup>, M.O. Weickert<sup>3</sup>, B. Kos-Kudla<sup>4</sup>, G. Kaltsas<sup>2</sup> (<sup>1</sup>*Örebro, Sweden*; <sup>2</sup>*Athens, Greece*; <sup>3</sup>*London, UK*; <sup>4</sup>*Katowice, Poland*)

**Utilization of Artificial Intelligence in Minimally Invasive Right Adrenalectomy: Recognition of Anatomical Landmarks with Deep Learning**

Berke Sengun\*, Y. Iscan, Z.A. Yazici, I.C. Sormaz, N. Aksakal, F. Tunca, H.K. Ekenel, Y. Giles Senyurek (*Istanbul, Turkey*)

**Catecholamine-Induced Hypertensive Crisis During Laparoscopic Adrenalectomy for Unilateral Pheochromocytoma**

Claire Nomine-Criqui\*<sup>1</sup>, P. Nguyen-Thi<sup>1</sup>, A. Duclos<sup>2</sup>, S. Polazzi<sup>3</sup>, H. Najah<sup>4</sup>, S. Gaujoux<sup>5</sup>, F. Menegaux<sup>5</sup>, E. Mirallié<sup>6</sup>, F. Sebag<sup>7</sup>, F. Zinzindoue<sup>5</sup>, J. Lifante<sup>3</sup>, L. Brunaud<sup>1</sup> (<sup>1</sup>*Nancy, France*; <sup>2</sup>*Boston, USA*; <sup>3</sup>*Lyon, France*; <sup>4</sup>*Bordeaux, France*; <sup>5</sup>*Paris, France*; <sup>6</sup>*Nantes, France*; <sup>7</sup>*Marseille, France*)

**Retroperitoneal Paraganglioma: A Single Institution Series of 111 Operations**

Polina Knyazeva\*, D. Buzanakov, M.K. Walz (*Essen, Germany*)

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**09:15 – 09:45**

**BASIC SCIENCE LECTURE**

**Chair:** David Scott-Coombes (*UK*)

**Molecular Signatures of Pheochromocytomas and Paragangliomas: From Benchmark to Bedside and Beyond**

Karel Pacak (*USA*)

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**09:45 – 10:15**

Coffee Break

**FRIDAY 24 MAY 2024**

**FRIDAY 24 MAY 2024**

**Auditorium - Europa Congress Center**

**10:15 – 11:45**

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**FREE PAPERS SESSION 2 - THYROID 1**

**Chair:** Piergiorgio Calò (*Italy*), Leyre Lorente Poch (*Spain*)

**Clausewitz's "Fog of War" and the Difficulty of Assessing the Risk of Malignancy of Thyroid Nodules Bethesda III-IV in Correlation with the EU-TIRADS Classification**

Marcos Sola\*, M. Saladich, N. Guardia, A. Osorio, M. Bardaji, P. Collera (*Manresa, Spain*)

**Neoadjuvant Systemic Therapy for "Inoperable" Thyroid Cancers: Surgical Resection Strategies**

Kylie Dickerson\*, J. Niu, R. Metzger, C. Tomeh, T. Shellenberger, I. Ahmad, M. Hebert, C. Nasr, J. Nelson, E. Westfall, R. Eisen, M. Milas (*Phoenix, USA*)

**Assessment of the Scandinavian Guidelines on Papillary Thyroid Cancer Using the AGREE II Instrument**

Maria Sonesson O'Neill\*<sup>1</sup>, T. Areklätt<sup>2</sup>, S.L. Rygård<sup>3</sup>, S. Londero<sup>3</sup>, B. Shakir<sup>4</sup>, K. Brauckhoff<sup>5</sup>, E. Vedvik Tjellaug<sup>5</sup>, M. Almquist<sup>2</sup> (<sup>1</sup>*Helsingborg, Sweden*; <sup>2</sup>*Lund, Sweden*; <sup>3</sup>*Aarhus, Denmark*; <sup>4</sup>*Kristianstad, Sweden*; <sup>5</sup>*Bergen, Norway*)

**MITICA - A Prospective Study of Active Surveillance (AS) vs Immediate Surgery (IS) for Papillary Thyroid Microcarcinoma (PTMC)**

M.G. Chiofalo, C. Schettino, Anna Crocco\*, R. D'Anna, C. Casolino, L. Arenare, I. Panariello, F. Perrone, R. D'Angelo, L. Pezzullo (*Naples, Italy*)

**A Prolonged Vagal Latency at the Beginning of Thyroid Resections Predicts an Increased Risk for Temporary and Permanent Recurrent Laryngeal Nerve Paresis**

Florian Wild\*, J.I. Staubitz-Vernazza, A. Lederer, Petra B. Musholt, Thomas J. Musholt (*Mainz, Germany*)

**Can Early Post-Operative Ultrasound Replace Routinary Flexible Laryngoscopy after Neuromonitoring-Assisted Thyroid Surgery?**

A. Attard<sup>1</sup>, Luca Sessa\*<sup>1</sup>, F. Cupido<sup>1</sup>, S. Marchisotta<sup>1</sup>, A. Maniglia<sup>1</sup>, F. Pennestri<sup>2</sup>, C. De Crea<sup>2</sup>, M. Raffaelli<sup>2</sup> (<sup>1</sup>*Cefalù, Italy*; <sup>2</sup>*Rome, Italy*)

**11:45 – 13:30**

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**ESES GENERAL ASSEMBLY**

**Sala Inghilterra - Europa Congress Center**

**13:30 – 14:30**

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**LUNCH – POSTER WALKING**

## FRIDAY 24 MAY 2024

Sala Inghilterra - Europa Congress Center

13:30 - 14:30

### Best Poster Session 1

#### **Risk Factors for Cervical Haematoma Following Thyroidectomy: A Retrospective, Multicenter, International Study**

Gian Luigi Canu\*<sup>1</sup>, F. Medas<sup>1</sup>, F. Cappellacci<sup>1</sup>, L. Rossi<sup>2</sup>, B. Gjeloši<sup>2</sup>, L. Sessa<sup>3</sup>, F. Pennestri<sup>3</sup>, R. Djafarriani<sup>4</sup>, M. Mavromati<sup>4</sup>, G. Kotsovolis<sup>5</sup>, I. Pliakos<sup>5</sup>, G. Di Filippo<sup>6</sup>, G. Lazzari<sup>6</sup>, C. Vaccaro<sup>7</sup>, M. Izzo<sup>7</sup>, P. Brazzarola<sup>6</sup>, F. Feroci<sup>8</sup>, M.S. Demarchi<sup>4</sup>, T. Papavramidis<sup>5</sup>, G. Materazzi<sup>2</sup>, M. Raffaelli<sup>3</sup>, P.G. Calò<sup>1</sup> (<sup>1</sup>Monserato, Italy; <sup>2</sup>Pisa, Italy; <sup>3</sup>Rome, Italy; <sup>4</sup>Geneva, Switzerland; <sup>5</sup>Thessaloniki, Greece; <sup>6</sup>Verona, Italy; <sup>7</sup>Pescia, Italy; <sup>8</sup>Prato, Italy)

#### **Is Desmoplastic Stromal Reaction Useful to Modulate the Extension of Surgical Procedure in Sporadic Medullary Thyroid Carcinoma?**

Priscilla Francesca Procopio\*, F. Pennestri, N. Voloudakis, S. La Rocca, P. Gallucci, E.D. Rossi, C. De Crea, M. Raffaelli (Rome, Italy)

#### **Exposure to Microgravity Associated with Carcinogenesis Related Pathways in Thyroid Cell Lines**

Jong-Hyuk Ahn\*<sup>1</sup>, J.W. Yi<sup>2</sup> (<sup>1</sup>Cheongju-Si, Republic of Korea; <sup>2</sup>Incheon, Republic of Korea)

#### **Is it Time to Revisit the Management of Thy3a Thyroid Nodules? An Institutional Audit of the True Risk of Malignancy**

Nada Ahmed\*<sup>1</sup>, A. Elsherif<sup>2</sup>, E. Pilavachi<sup>3</sup>, H.B. Oh<sup>3</sup>, A. Al Omar<sup>3</sup>, T. Beale<sup>3</sup>, S. Amin<sup>3</sup>, V.R. Garcia<sup>3</sup>, T. Kurzawinski<sup>3</sup>, I. Proctor<sup>3</sup>, M. Eddama<sup>3</sup>, L. Clapp<sup>1</sup>, S. Pomplun<sup>3</sup>, T. Abdel-Aziz<sup>3</sup> (<sup>1</sup>London, UK - Alexandria, Egypt; <sup>2</sup>Alexandria, Egypt; <sup>3</sup>London, UK)

#### **Primary Reinnervation Efficiency in Patients with Laryngeal Paralysis in Thyroid Surgery**

Nataliia Solomennikova, V. Palamarchuk\*, O. Tovkai, V. Kuts, Y. Kozachuk (Kyiv, Ukraine)

#### **Factors Influencing the Diagnosis of Central Lymph Node Metastasis in Papillary Thyroid Cancer**

Jeonghun Lee\*, S.H. Kim (Suwon, Republic of Korea)

#### **Improving Papillary Thyroid Cancer Treatment Through Sentinel Lymph Node Diagnostic Biopsy**

Luis Miguel Arciniegas Rodriguez\*, M. Sabol, S. Durdik, R. Kralik (Bratislava, Slovakia)

#### **Molecular Classification of Cytologically Indeterminate Thyroid Nodules and its Effect on Surgical Case Volume: A Systematic Review**

Katherine Griffin\*, B. Al-Kendi, S.M. Abd Elwahab, A. Lowery, M.J. Kerin (Galway, Ireland)

#### **Lymph Node Ratio for Micropapillary and Non-Micropapillary Differentiated Thyroid Cancers: A Comprehensive Analysis**

Husnu Aydin\*, T. Matlim, K.S. Bozkurt, A.C. Dural, N.A. Sahbaz, M.Y. Sahin, D. Guzey, S. Akbulut, Y. Soytaş, B. Güneş, O. Canoş, S. Sari (Istanbul, Turkey)

**FRIDAY 24 MAY 2024**

**Sala Italia - Europa Congress Center**

**13:40 – 14:25**

**INDUSTRY-SPONSORED LUNCH SYMPOSIUM**

For more information, please go to page 28

**Auditorium - Europa Congress Center**

**14:30 – 15:00**

**PRESIDENTIAL ADDRESS**

Marcin Barczynski (*Poland*)

**MOU between ESES and KAES Signature**

Marcin Barczynski (*Poland*), Woong Youn Chung (*Republic of Korea*)

**15:00 – 16:30**

**BJS PRIZE SESSION**

**Chair:** Anders Bergenfelz (*Sweden*), Kerstin Lorenz (*Germany*)

**Prophylactic Central Compartment Lymph Node Dissection in cN0 Papillary Thyroid Cancer: No Impact on Surgical and Oncological Outcomes after 10 Years of Follow-up – Findings from a Prospective Randomized Controlled Single Institution Study**

Piermarco Papini\*, L. Rossi, A. De Renzis, L. Sacco, C. Becucci, C.E. Ambrosini, A. Matrone, R. Elisei, G. Materazzi (*Pisa, Italy*)

**Half of the Patients with Clinically Unifocal T1b/Small T2 Node Negative Papillary Thyroid Carcinoma Scheduled for Thyroid Lobectomy may Require Completion Thyroidectomy if the Nodal Status is Evaluated**

Antonio Laurino\*, F. Pennestri, A. Martullo, P. Gallucci, F. Prioli, L. Sessa, E.D. Rossi, C. De Crea, M. Raffaelli (*Rome, Italy*)

**Circulating Extracellular Vesicles as Diagnostic Biomarkers for Indeterminate Thyroid Nodules**

N. Ahmed, Kevin Beaton\*, J. Patel, M. Eddama, T. Abdel-Aziz, L. Clapp (*London, UK*)

**The Role of Lugol Solution before Total Thyroidectomy for Basedow Disease: A Randomized Clinical Trial**

Donatella Schiavone\*, F. Torresan, S. Dughiero, J.L. Carrillo Lizarazo, F. Crimi<sup>1</sup>, G.M. Pennelli, D. Sacchi, S. Censi, C. Mian, M. Iacobone (*Padua, Italy*)

**Parathyroid Gland Identification and Angiography Classification Using Simple Machine Learning Methods**

Philip Mc Entee\*<sup>1</sup>, J.E. Greevy<sup>1</sup>, F. Triponez<sup>2</sup>, R. Cahill<sup>1</sup>, M.S. Demarchi<sup>2</sup> (<sup>1</sup>Dublin, Ireland; <sup>2</sup>Geneva, Switzerland)



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## FRIDAY 24 MAY 2024

### Development of an Ontology for Laparoscopic Transabdominal Adrenalectomy for Surgical Training and Video Analysis with Machine Learning Algorithms and its Validation via a Comprehensive Modified Delphi Survey

Sofia Di Lorenzo<sup>\*1</sup>, B. Seeliger<sup>2</sup>, P.F. Alesina<sup>3</sup>, L. Brunaud<sup>4</sup>, C. Chiapponi<sup>5</sup>, C. De Crea<sup>1</sup>, G. Donatini<sup>6</sup>, M. Iacobone<sup>7</sup>, Ö. Makay<sup>8</sup>, R. Mihai<sup>9</sup>, M. Mog<sup>10</sup>, D. Mutter<sup>2</sup>, N. Padoy<sup>2</sup>, F. Palazzo<sup>11</sup>, O. Vidal<sup>12</sup>, M. Vix<sup>2</sup>, M. Raffaelli<sup>1</sup> (<sup>1</sup>Rome, Italy; <sup>2</sup>Strasbourg, France; <sup>3</sup>Wuppertal, Germany; <sup>4</sup>Nancy, France; <sup>5</sup>Cologne, Germany; <sup>6</sup>Poitiers, France; <sup>7</sup>Padua, Italy <sup>8</sup>Izmir, Turkey; <sup>9</sup>Oxford, UK; <sup>10</sup>Berlin, Germany; <sup>11</sup>London, UK; <sup>12</sup>Barcelona, Spain)

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16:30 – 17:15

#### BJS LECTURE

Chair: Marcin Barczynski (Poland)

#### Current Landscape and Shifting Paradigms in the Management of Thyroid Cancer

Julie Ann Sosa (USA)

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17:15 – 17:45

Tea Break

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17:45 - 18:15

#### ETA LECTURE

Chair: Salvatore Maria Corsello (Italy), Alfredo Pontecorvi (Italy)

#### An Update in the Diagnosis and Management of Medullary Thyroid Carcinoma

Laura Fugazzola (Italy)

FRIDAY 24 MAY 2024

## SATURDAY 25 MAY 2024

### Sala Italia - Europa Congress Center

07:30 – 08:00

Breakfast symposium

#### **APPLICATION OF VIRTUAL REALITY IN THYROID SURGERY**

**Chair:** Giovanni Docimo (*Italy*), Mario Testini (*Italy*), Menno Vriens (*Netherlands*)

#### **The Perspectives of Virtual Reality in Creating Simulations in Surgery**

Amalia Kargopoulou (*Greece*)

#### **The Applications of Virtual Reality in the Training of Endocrine Surgeons**

Kyriakos Vamvakidis (*Greece*)

#### **Demonstration of an Application on Neuromonitoring Training**

Ioannis Koutelidakis (*Greece*)

### Auditorium - Europa Congress Center

08:00 – 09:30

#### **FREE PAPERS SESSION 3 - THYROID 2**

**Chair:** Andrea Goldmann (*Switzerland*), Nikolas Roukounakis (*Greece*)

#### **Incidence and Risk Factors for Early Supplementation Therapy after Hemithyroidectomy for Benign Conditions in Europe**

Jesús Villar Del Moral<sup>\*1</sup>, J.I. Arcelus Martínez<sup>1</sup>, A. Becerra Massare<sup>1</sup>, N. Muñoz Pérez<sup>1</sup>, M. Arteaga Ledesma<sup>1</sup>, C. Acosta Gallardo<sup>1</sup>, M.C. Mohamed Hassin<sup>1</sup>, M.C. Olvera Porcel<sup>1</sup>, C. Martínez Santos<sup>2</sup>  
(<sup>1</sup>Granada, Spain; <sup>2</sup>Marbella, Spain)

#### **Predictive Model of Thyroid Surgery Sufficiency in Patients with Bethesda III and IV: "The Rule of Four"**

Xavier Guirao<sup>\*</sup>, S. Barcons, V. Perez-Riverola, B. Bella, C. Molero-Cano, T. Landa, L. Albert Fabregas, M. Rigla (*Sabadell, Spain*)

#### **Quality of Life in Patients with Permanent Hypoparathyroidism after Thyroidectomy for Benign Thyroid Disease: A Population-Based Study with Long-Term Follow-up**

Matilda Annebäck<sup>\*</sup>, S. Wachtmeister, J. Hedberg, P. Stålberg, O. Norlén (*Uppsala, Sweden*)

#### **Thermal Ablation versus TOETVA for a Solitary Benign Thyroid Nodule: Changing Landscape of Patients' Preferences is Coming True**

Marcin Barczynski<sup>\*</sup>, J. Belowski (*Krakow, Poland*)

#### **Single Port Robotic Areolar Approach Thyroidectomy (SPRA): Initial Experience of 100-Cases**

Sunmin Lee<sup>\*</sup> (*Incheon, Republic of Korea*)

#### **Talking the Talk and Posting the Papers: Unveiling Publishing Patterns in ESES Congress**

Max Schneider<sup>\*1</sup>, A. Dukaczewska<sup>2</sup>, D. Van Beek<sup>3</sup>, K. Van Den Heede<sup>4</sup>, G. Sharma<sup>1</sup>, M. Almquist<sup>5</sup>  
(<sup>1</sup>Vienna, Austria; <sup>2</sup>Berlin, Germany; <sup>3</sup>Utrecht, Netherlands; <sup>4</sup>Aalst, Belgium; <sup>5</sup>Lund, Sweden)

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## SATURDAY 25 MAY 2024

Auditorium - Europa Congress Center

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09:30 – 10:30

### SESSION FOR CELEBRATION

**Chair:** Marcin Barczynski (*Poland*), Maurizio Iacobone (*Italy*),  
Marco Raffaelli (*Italy*), Jesús Villar Del Moral (*Spain*)

- Honorary Members
- JFH Fellowship
- New Members
- DES Diploma
- In Memoriam of Celestino Pio Lombardi

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10:30 – 11:00

Coffee Break

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11:00 – 12:15

### FREE PAPERS SESSION 4 - PARATHYROID

**Chair:** Inga-Lena Nilsson (*Sweden*), Philipp Riss (*Austria*)

#### Outpatient Parathyroid Surgery: Open Road to the Future

Dieter Morales\*, S. Rocio, J.L. Fernandez, P. Guillermo, M.D. Dominguez, L. Perez, A. Adarve,  
L.T. Ocaña (*Malaga, Spain*)

#### Does Virtual Reality Improve Preoperative Patient Information in Primary Hyperparathyroidism?

Angeliki Chorti\*<sup>1</sup>, M. Moysidis<sup>1</sup>, A. Vouchara<sup>1</sup>, E. Poulivos<sup>2</sup>, S. Bakkar<sup>3</sup>, I. Pliakos<sup>1</sup>, T. Papavramidis<sup>1</sup>  
(<sup>1</sup>Thessaloniki, Greece; <sup>2</sup>Athens, Greece; <sup>3</sup>Amman, Jordan)

#### Transplantation and Non-Invasive Longitudinal in Vivo Imaging of Parathyroid Cells – A Proof-of-Concept Study

Robert Bränström\*<sup>1</sup>, P. Van Krieken<sup>1</sup>, R. Fröbom<sup>1</sup>, I. Shabo<sup>1</sup>, A. Craig<sup>2</sup> (<sup>1</sup>Stockholm, Sweden; <sup>2</sup>Tucson, USA)

#### Germline Mutations of GCM2 Cause a Novel Variant of Hereditary Primary Hyperparathyroidism with Multiglandular Involvement

Maurizio Iacobone\*, S. Watutantrige Fernando, S. Zovato, R. Pellegrini, E. Taschin, M. Ferrara,  
V. Augenti, J.L. Carrillo Lizarazo, F. Torresan (*Padua, Italy*)

#### Does Central Neck Dissection Negatively Influence Hypoparathyroidism after Angiography- Guided Thyroidectomy?

Pablo Moreno-Llorente\*<sup>1</sup>, A. García-Barrasa<sup>1</sup>, M. Pascua Solé<sup>1</sup>, J.L. Muñoz-De-Nova<sup>2</sup>  
(<sup>1</sup>Barcelona, Spain; <sup>2</sup>Madrid, Spain)

SATURDAY 25 MAY 2024

## SATURDAY 25 MAY 2024

### Auditorium - Europa Congress Center

12:15 – 12:45

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#### CHARLES PROYE LECTURE

Chair: Thomas Musholt (*Germany*)

#### How to Build a Center of Excellence in Parathyroid Surgery

Radu Mihai (*UK*)

### Foyer Sala Italia - Europa Congress Center

12:45 – 14:00

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#### LUNCH – POSTER WALKING

### Sala Italia - Europa Congress Center

13:10 – 13:55

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#### INDUSTRY-SPONSORED LUNCH SYMPOSIUM

For more information, please go to page 28

### Sala Inghilterra - Europa Congress Center

13:30 – 14:30

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#### Best Poster Session 2

#### Postoperative Arterial Hypotension and Instability Requiring Intensive Monitoring after Surgery for Pheochromocytomas and Paragangliomas. Is it Predictable?

F. Torresan, F. Ghiozzi, S. Dughiero, Maurizio Iacobone\* (*Padua, Italy*)

#### 5-Year Follow-Up of Reimplanted Parathyroid Glands in Forearm Subcutaneous Tissue during Thyroidectomy. A Confirmation of Graft Vitality in a Large Series of Patients

Alessandra Micalizzi\*<sup>1</sup>, G. Lelli<sup>1</sup>, A. Gurrado<sup>2</sup>, M. Bononi<sup>3</sup>, A. Iossa<sup>1</sup>, F. De Angelis<sup>1</sup>, D. Di Meo<sup>1</sup>, A. Fassari<sup>4</sup>, M. Testini<sup>2</sup>, G. Cavallaro<sup>1</sup> (<sup>1</sup>*Latina, Italy*; <sup>2</sup>*Bari, Italy*; <sup>3</sup>*Rome, Italy*; <sup>4</sup>*Luxembourg, Luxembourg*)

#### Optimizing Parathyroid Surgery Precision: Assessing 18-Fluorocholine-Pet/Ct Accuracy in Preoperative Localization and Surgical Correlations

Chiara Dobrinja\*<sup>1</sup>, R. Laforgia<sup>2</sup>, C. Menghini<sup>1</sup>, C. Crisafulli<sup>1</sup>, F. Dore<sup>1</sup>, N. De Manzini<sup>1</sup>, M. Mastronardi<sup>1</sup>, A. Pezzolla<sup>2</sup> (<sup>1</sup>*Trieste, Italy*; <sup>2</sup>*Bari, Italy*)

## SATURDAY 25 MAY 2024

### **Impact of Near-Infrared Parathyroid Fluorescence (NIRAF) for Targeted Parathyroidectomy Changing the Paradigm for the Management of Primary Hyperparathyroidism**

Luis Carrillo\*<sup>1</sup>, B. Sohail<sup>2</sup>, S. Di Lorenzo<sup>3</sup>, G. Donatini<sup>1</sup> (<sup>1</sup>Poitiers, France; <sup>2</sup>Zarqa, Jordan; <sup>3</sup>Rome, Italy)

### **Which Patients Benefit Best from the 4-Dimensional Computed Tomography Imaging for the Primary Hyperparathyroidism as a Second-Line Imaging Study?**

Mehmet Kostek\* , C. Yanar, M.T. Unlu, O. Caliskan, N. Aygun, A. Gemalmaz, A. Ozel, M. Uludag (Istanbul, Turkey)

### **Improvement of Mood and Sleep Quality in Patients with Primary Hyperparathyroidism after Parathyroidectomy**

Juan José Ruiz-Manzanera\* , B. Febrero, I. Ros-Madrid, M.I. Jiménez Mascuñán, A. Vergara, M. Abellán, J.M. Rodríguez (Murcia, Spain)

### **Impact of Intermittent Intraoperative Neuromonitoring (IONM) on the Learning Curve for Total Thyroidectomy by Residents in General Surgery**

Alessia Fassari\*<sup>1</sup>, A. Micalizzi<sup>2</sup>, G. Lelli<sup>2</sup>, A. Gurrado<sup>3</sup>, A. Polistena<sup>4</sup>, A. Iossa<sup>2</sup>, F. De Angelis<sup>2</sup>, L. Martini<sup>2</sup>, G. Traumuller Tamagnini<sup>2</sup>, M. Testini<sup>3</sup>, G. Cavallaro<sup>2</sup> (<sup>1</sup>Luxembourg, Luxembourg; <sup>2</sup>Latina, Italy; <sup>3</sup>Bari, Italy; <sup>4</sup>Rome, Italy)

### **Modified Systemic Inflammation Score for Prediction of Malignancy in Indeterminate Thyroid Nodules - an Effective tool in Low-Resource Settings!**

Shreyamsa Manjunath\* , P.K. Devarbhavi (Shivamogga, India)

#### **Auditorium - Europa Congress Center**

**14:00 – 15:00**

#### **“HOW I DO IT” VIDEO-SESSION**

Chair: Nancy Perrier (USA), Sanziana Roman (USA), Sam Van Slycke (Belgium)

#### **RATT**

Woong Youn Chung (Republic of Korea)

#### **TOETVA**

Ozer Makay (Turkey)

#### **BABA**

Joaquin Gomez Ramirez (Spain)

## SATURDAY 25 MAY 2024

Auditorium - Europa Congress Center

15:00 – 16:30

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### BEST SELECTED PAPER SESSION

**Chair:** Maurizio Iacobone (*Italy*), Cristina Martinez Santos (*Spain*)

#### **A Multidisciplinary Team-Centred One-Stop Thyroid Nodule Clinic Reduces Delay in Thyroid Cancer Diagnosis and Management – A Single Institutional Experience**

Abdullah Al Omar\*, H.B. Oh, A. Ahmed, A. Abdelsalam, V. Garcia, T. Kurzawinski, A. Al Lawati, S. Pomplun, S. Amin, M. Gutierrez-Arnias, F. Monne, D. Flynn, T. Abdel-Aziz (*London, UK*)

#### **US Patterns as a Prognostic Factor in Thyroid Papillary Microcarcinoma: Is M-ETE Still Useful for Decision Making for FNAC and Surgical Strategy?**

Alessandra Cossa\*, S. Monti, A. Bartolazzi, G. Nigri, V. Sbacco, C. Bellotti (*Rome, Italy*)

#### **The Use of Thyroid Cartilage Needle Electrodes during Intraoperative Nerve Monitoring in Thyroid Surgery: A Multi-Center Retrospective Study**

Kaan Balci\*<sup>1</sup>, Y. Turk<sup>1</sup>, M. Ozdemir<sup>1</sup>, P. Kuczma<sup>2</sup>, C. Tresallet<sup>2</sup>, C. Wu<sup>3</sup>, T. Huang<sup>3</sup>, A.S. Muhammed<sup>4</sup>, R. Muhammad<sup>4</sup>, S. Niza<sup>4</sup>, N. Harlina<sup>4</sup>, M. Buzejic<sup>5</sup>, V. Živaljevic<sup>5</sup>, M. Jovanovic<sup>5</sup>, O. Makay<sup>1</sup> (*<sup>1</sup>Izmir, Turkey;*, *<sup>2</sup>Paris, France;* *<sup>3</sup>Kaohsiung, Taiwan;* *<sup>4</sup>Kuala Lumpur, Malaysia;* *<sup>5</sup>Belgrade, Serbia*)

#### **Improving Intellect with Parathyroidectomy**

Milan Jovanovic\*, S. Sipetic Grujicic, K. Tausanovic, N. Slijepcevic, B. Rovcanin, M. Stojanovic, B. Odalovic, K. Jovanovic, M. Buzejic, S. Ivanis, M. Parezanovic, J. Ilic, V. Živaljevic (*Belgrade, Serbia*)

#### **The Relationship between Postoperative Parathormone Suppression and Surgical Cure in Primary Hyperparathyroidism**

Mehmet Taner Unlu\*, M. Kostek, O. Caliskan, N. Aygun, M. Uludag (*Istanbul, Turkey*)

#### **Surgical Management of Zollinger-Ellison Syndrome in Multiple Endocrine Neoplasia Type 1. An AFCE and GTE Cohort Study (Association Francophone de Chirurgie Endocrinienne and Groupe d'Etude des Tumeurs Endocrines)**

Sebastien Gaujoux\*, F. Pattou, R. Caiazzo, S. Deguelte, G. Donatini, J. Lifante, E. Mirallié, N. Santucci, F. Sebag, P. Goudet (*Paris, France*)

16:30 – 17:45

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### INTERESTING CASES (JOINT SESSION WITH ESE)

**Chair:** Carmela De Crea (*Italy*), Cosimo Durante (*Italy*), Andrea Isidori (*Italy*), Fausto Palazzo (*UK*)

- Adrenal Case
- Malignant Thyroid Case
- Benign Thyroid Case
- Parathyroid Case

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## SATURDAY 25 MAY 2024

Auditorium - Europa Congress Center

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17:45 - 18:15

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### **BJS PRIZE, BEST ORAL AND POSTERS PRIZE WINNER ANNOUNCEMENT**

**Chair:** Marcin Barczynski (*Poland*), Marco Raffaelli (*Italy*)

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18:15

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### **CLOSING REMARKS**

Marcin Barczynski (*Poland*), Marco Raffaelli (*Italy*)

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20:30

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### **SOCIAL DINNER**

Terrazza Caffarelli

SATURDAY 25 MAY 2024





## THURSDAY 23 MAY 2024

Hotel Courtyard by Marriott Rome Central Park - Hall Libra

14:30 - 17:00

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### DES EXAM PREPARATORY COURSE

**Chair:** Reto Kaderli (*Switzerland*), Kerstin Lorenz (*Germany*), Jesús Villar del Moral (*Spain*)

14:30

#### Course Presentation

Reto Kaderli (*Switzerland*)

14:40

#### How to Critique a Paper

Martin Almquist (*Sweden*)

15:00

#### EBSQ in Endocrine Surgery: Presentation, Significance, Rules, Eligibility

Jesús Villar del Moral (*Spain*)

15:15

#### What Examiners Expect from Candidates?

Kerstin Lorenz (*Germany*)

15:30

#### VIVA SESSION I

- |                 |  |         |
|-----------------|--|---------|
| • Workstation 1 | Malik Elwerr ( <i>Germany</i> )        | Group 1 |
| • Workstation 2 | Andrea Goldmann ( <i>Switzerland</i> ) | Group 2 |
| • Workstation 3 | Joaquin Gomez-Ramirez ( <i>Spain</i> ) | Group 3 |
| • Workstation 4 | Leyre Lorente Poch ( <i>Spain</i> )    | Group 4 |
| • Workstation 5 | Pietro Princi ( <i>Italy</i> )         | Group 5 |

16:15

#### VIVA SESSION II

- |                 |  |         |
|-----------------|--|---------|
| • Workstation 1 | Malik Elwerr ( <i>Germany</i> )        | Group 3 |
| • Workstation 2 | Andrea Goldmann ( <i>Switzerland</i> ) | Group 4 |
| • Workstation 3 | Joaquin Gomez-Ramirez ( <i>Spain</i> ) | Group 5 |
| • Workstation 4 | Leyre Lorente Poch ( <i>Spain</i> )    | Group 1 |
| • Workstation 5 | Pietro Princi ( <i>Italy</i> )         | Group 2 |

17:00

Debrief - Closing Remarks

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## THURSDAY 23 MAY 2024

Hotel Courtyard by Marriott Rome Central Park – Hall Taurus

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14:30 – 17:00

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### HOW TO USE THE EUROCRINE PLATFORM AND MY EUROCRINE FUNCTIONALITY FOR RESEARCH

Chair: Anders Bergenfelz (Sweden), Laurent Brunaud (France)

#### Aim of the Course

Enabling participants to

- Add extra local clinic variables to the core variables
- Perform prospective observational studies
- Perform randomized controlled trials (with randomization inside the database)

#### Prerequisites for a participant to register for the Course

- His/Her clinic is member of the Eurocrine Society
- Having access to the “My Eurocrine” module in the admin system (granted to the Dr in Charge of the Member Clinic)
- Entering data to the Eurocrine database at least from the beginning of 2023
- Bringing a personal laptop



## THURSDAY 23 MAY 2024

Hotel Courtyard by Marriott Rome Central Park - Hall Andromeda

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14:30 - 17:00

### **BASIC PRINCIPLES OF MINIMALLY INVASIVE TREATMENT (MIT) IN THYROID DISEASES**

**Chair:** Enrico Papini (*Italy*), Evelyne Slotema (*France*), Stefano Spiezia (*Italy*)

14:30

**Course Presentation**

14:40

**Basic Principles of Thermo-Ablation (Laser, RFA, MW)**

Stefano Spiezia (*Italy*)

15:00

**MITT: Indication and Guidelines**

Enrico Papini (*Italy*)

15:20

**How to Avoid Complications, Advanced Techniques and Future Perspectives**

Eveline Slotema (*France*)

15:40

**Hands-on Session and Video Presentation**

All the Faculty

17:00

**Debrief - Closing Remarks**

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## THURSDAY 23 MAY 2024

Hotel Courtyard by Marriott Rome Central Park – Hall Gemini

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14:30 – 17:00

### FLUORESCENCE APPLICATION IN ENDOCRINE SURGERY

Chair: Ioannis Koutelidakis (*Greece*), Nancy Perrier (*USA*), Frederic Triponez (*Switzerland*)

14:30

#### Course Presentation

14:40

#### Basic Principles on Fluorescence

Frederic Triponez (*Switzerland*)

15:00

#### Equipments, Devices, Dyes (ICG), Intra-Operative Settings

Nikolaos Voloudakis (*Greece*)

15:20

#### Autofluorescence for the Detection of the Parathyroids in Thyroid and Parathyroid Surgery

Gianluca Donatini (*France*)

15:40

#### Angiography for the Detection and Preservation of the Parathyroid Vessels

Pablo Moreno-Llorente (*Spain*)

16:00

#### Quantified Perfusion to Determine Postoperative Parathyroid Function

Schelto Kruijff (*Netherlands*)

16:20

#### Distinguishing Adrenal Tumors with Fluorescence and Guided Adrenalectomy

Francesco Pennestri (*Italy*)

16:40

#### Future Directions

Kiriakos Vamvakidis (*Greece*)

17:00

#### Debrief – Closing Remarks

## THURSDAY 23 MAY 2024

Hotel Courtyard by Marriott Rome Central Park - Hall Atlante

14:30 - 17:00

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### ROBOTIC APPLICATIONS IN ENDOCRINE SURGERY

Chair: Ozer Makay (*Turkey*), Gabriele Materazzi (*Italy*), Barbara Mullineris (*Italy*)

14:30

Course presentation

14:40

Philosophy and Fundamentals of Robotic Surgery

Ozer Makay (*Turkey*)

15:00

Transaxillary Robotic Thyroidectomy (RATT)

Sang-Wook Kang (*Republic of Korea*)

15:20

Evidence Based Medicine for Robotic Thyroidectomy: Comparison of Different Approaches (BABA, TORT, RATT)

Gabriele Materazzi (*Italy*)

15:40

Robotic Adrenalectomy

Frederic Sebag (*France*)

16:00

Robotic Approach in Pancreatic Neuro-Endocrine Tumors

Barbara Mullineris (*Italy*)

16:20

New Robotic Platforms and Future Perspective

Pierpaolo Gallucci (*Italy*)

16:40

Robotic Endocrine Surgery: Is Cost-Effective?

All the Faculty

17:00

Debrief - Closing Remarks



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23-25 MAY 2024

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Fondazione Policlinico Universitario Agostino Gemelli IRCCS  
Università Cattolica del Sacro Cuore

# PRE-ESES 2024 CONGRESS LIVE SURGERY MEETING

(Joint Meeting with the Italian Society of Endocrine Surgery and the National School of Endocrine Surgery of the Italian Society of Surgery)



## WEDNESDAY 22 MAY 2024

Sala Italia - Europa Congress Center

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**08:20 – 08:30**

**PRESIDENTS' AND DIRECTORS' WELCOME**

Marcin Barczynski, Giovanni Docimo, Pietro Giorgio Calò, Mario Testini, Marco Raffaelli

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**08:30 – 08:45**

**PRESENTATION OF THE FELLOWS OF NATIONAL SCHOOL OF ENDOCRINE SURGERY OF THE ITALIAN SOCIETY OF SURGERY**

Salvatore Sorrenti

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**08:45 – 11:00**

**FOCUS ON: MINIMALLY INVASIVE AND REMOTE ACCESS THYROID SURGERY**

**President:** Nicola Avenia

**Chair:** Antonio Ambrosi, Maria Grazia Chiofalo, Mario Testini

**Live surgery 1: Minimally Invasive Video-Assisted Thyroidectomy**

Gabriele Materazzi

**Live surgery 2: Robotic Assisted Transaxillary Thyroidectomy**

Sang-Wook Kang

**BABA with Central Neck Dissection**

Enrique Mercader Cidoncha

**TOETVA**

Andrea Casaril

**Remote Access Thyroid Surgery and Ethico-Legal Issues**

Antonio Oliva

**Guidelines: Where we are?**

Marcin Barczynski

**Panelists:** Guglielmo Ardito, Carlo Bellotti, Marco Biffoni, Marco Bononi, Valerio D'Orazi, Francesco Feroci, Laura Giacomelli, Andrea Ortensi, Francesco Pedicini, Giuliano Perigli, Luca Revelli

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## WEDNESDAY 22 MAY 2024

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11:00 – 13:30

**FOCUS ON: MINIMALLY INVASIVE ADRENALECTOMY**

**President:** Rocco Bellantone

**Chair:** Marco Boniardi, Giovanni Conzo, Angela Pezzolla

**Live surgery 1: Laparoscopic TLA**

Maurizio Iacobone

**Live surgery 2: Da Vinci RA-TLA**

Laurent Brunaud

**Hugo RAS RA-TLA**

Pierpaolo Gallucci

**Posterior Retroperitoneoscopic Adrenalectomy**

Pier Francesco Alesina

**Is There a Place for the Robotically Assisted Minimally Invasive Adrenalectomy?**

Giuseppe Cavallaro

**Cost-Effectiveness of Robotic Adrenalectomy**

Barbara Mullineris

**Panelists:** Giancarlo Basili, Dario Bettini, Luigi Ciccoritti, Piero Giustacchini, Francesco Greco, Luigi Oragano, Paola Vincenza Sartori, Gregorio Scerrino, Nicola Tartaglia, Serafino Vanella, Alberto Zaccaroni

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13:30 – 16:00

**FOCUS ON: FLUORESCENCE-GUIDED THYROIDECTOMY AND NECK DISSECTION**

**President:** Lodovico Rosato

**Chair:** Pietro Giorgio Calò, Angela Gurrado, Luciano Pezzullo

**Live Surgery 1: Total Thyroidectomy**

Ioannis Koutelidakis

**Live surgery 2: Neck Dissection for Thyroid Carcinoma**

Marco Raffaelli

**Parathyroid AF and ICG Angiography: Basic Principles and Technique**

Annamaria D'Amore

**The Role of N Status in the Risk Stratification of Differentiated Thyroid Carcinoma** Luca Sessa





## WEDNESDAY 22 MAY 2024

### **Preoperative Lymph Node Mapping: Tips and Tricks**

Piero Maceroni

**Panelists:** Sara Andreani, Gerardo D'Amato, Loredana De Pasquale, Maria Grazia Esposito, Giuseppa Graceffa, Gennaro Lupone, Michele Minuto, Iuliana Pauna, Pietro Princi, Francesco Stanzione

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**16:00 - 18:00**

### **FOCUS ON: PTH AND IMAGE-GUIDED PARATHYROID SURGERY**

**President:** Guido Gasparri

**Chair:** Paolo Del Rio, Maurizio De Palma, Giovanni Docimo

#### **Live Surgery 1: MIVAP**

Carmela De Crea

#### **Live Surgery 2: BNE**

Frederic Sebag

#### **Intraoperative PTH Assay: Is Still Worthwhile?**

Fabio Medas

#### **Reoperation for Persistent / Recurrent HPT: The Challenge**

Radu Mihai

#### **Parathyroid Fluorescence during Parathyroid Procedures: Is this Worthwhile?**

Alessandro Pasculli

#### **Clinical Management of Parathyroid Carcinoma**

Emanuela Traini

**Panelists:** Gianluca Ansaldo, Andrea Borrelli, Mauro Boscherini, Matteo Angelo Cannizzaro, Gian Luigi Canu, Paolo Carcoforo, Chiara Dobrinja, Nadia Innaro, Francesco Quaglino, Salvatore Sorrenti



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# INDUSTRY- SPONSORED LUNCH SYMPOSIA

**FRIDAY 24 MAY 2024**

**Sala Italia - Europa Congress Center**

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**13:40 - 14:25**

**Sponsor: Medtronic**

**CURRENT EVIDENCE AND FUTURE PROSPECT OF THE USE OF AUTOFLUORESCENCE IN THYROID AND PARATHYROID SURGERIES - NOVEL APPROACH WITH A PROBE-BASED SYSTEM**

**Chair:** Frederic Triponez (*Switzerland*)

**Literature Review on the use of Fluorescence in Neck Surgeries / Status of the Knowledge**

Kerstin Lorenz (*Germany*)

**Clinical Application of a Probe-Based System in Thyroidectomy**

Marco Raffaelli (*Italy*)

**Clinical Application of a Probe-Based System in Parathyroidectomy**

Marcin Barczynski (*Poland*)

**Autofluorescence in Thyroid and Parathyroid Surgery: Experience With False Positive and False Negative Results**

Kerstin Lorenz (*Germany*)

**Round Table Discussion around First Experience with Pteye™ in Thyroidectomy and Parathyroidectomy All**

**Future Prospect of Fluorescence in Neck Surgeries**

Frederic Triponez (*Switzerland*)

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**SATURDAY 25 MAY 2024**

**Sala Italia - Europa Congress Center**

**13:10 – 13:55**

**Sponsor: Inomed**

**THYROID SURGERY IN 2024 – WHAT TECHNOLOGY AND TECHNIQUE CAN ADD**

**Chair:** Thomas J. Musholt (*Germany*), Marco Raffaelli (*Italy*)

**cIONM in Unusual Situations and how to Learn from them**

Thomas J. Musholt (*Germany*)

**IONM in 2024 – What can IONM Add to the Standard of Care**

Philipp Riss (*Austria*)

**How Neck Endocrine Surgery Benefits from the Combined Use of Autofluorescence and ICG Imaging**

Gianluca Donatini (*France*)

**How to Select Your Patient for RFA – A Surgeon's View**

Eveline Slotema (*France*)

**INDUSTRY-SPONSORED LUNCH SYMPOSIA**