9th BIENNIAL CONGRESS OF THE EUROPEAN SOCIETY OF ENDOCRINE SURGEONS ESES



FINAL PROGRAMME

26-28 Divani Caravel Hotel 2022 ATHENS, GREECE www.eses2022.org



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WELCOME MESSAGE

Dear Friends and Colleagues,

We are very pleased to welcome you to the 9th Biennial Congress of the European Society of Endocrine Surgeons organized in Athens, the birthplace of democracy and the home of Hippocrates.

We are extremely excited to meet you all again in a safe environment and we are convinced that the ESES 2022 Congress is a unique opportunity for networking and exchanging of knowledge especially after two years of social distancing in Congresses. We actually strongly believe that nothing can replace the physical human communication especially in continuing medical education.

These challenging times, endocrine surgery has been continuously evolving alongside other specialties and it is therefore the duty and responsibility of our Society to keep a close eye on developments, to inform colleagues about them, and in particular to emphasize in practices, protocols and techniques that increase the safety of surgeries for endocrine diseases.

An even greater goal for the Society is to attract new colleagues who deal with endocrine surgery and initiate them into good surgical practices with an ultimate goal of offering patients the ideal surgery with the lowest possible complication rate.

The above-mentioned data is the scientific backbone of our conference with the aim of homogenizing surgery for the operations of endocrine diseases across Europe and thus the consolidation of a common "communication language" among European Surgeons.

The Hellenic Society of Endocrine Surgeons, having developed close scientific links with the Hellenic Society of Endocrinology, also invites endocrinologists to contribute to the realization of the objectives of the conference within the framework of the multidisciplinary approach of endocrine diseases.

We are welcoming you all in the beautiful and sunny city of Athens!

David Scott-CoombesESES President

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Nikolaos Roukounakis Local Organizer **Kyriakos Vamvakidis** Local Organizer

COMMITTEES

LOCAL ORGANISING COMMITTEE



Nikolaos Roukounakis
Director, 1st Department of Surgery
"Evangelismos" General Hospital



Kyriakos Vamvakidis
Director, Department of Endocrine Surgery
"Henry Dunant" Hospital Center
GREECE

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Sam Van Slycke Chairman National Delegate Council BELGIUM



Oliver Gimm
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Radu Mihai Chairman Research & Education Committee UNITED KINGDOM



Marco Raffaelli Member ITALY

ORGANIZING SOCIETY

EUROPEAN SOCIETY OF ENDOCRINE SURGEONS



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*Internal global sales data as of June 2016. #As per a literature search conducted in Scopus between 01 Jan 2008 and 10 May 2016.

References: 1. Ethicon, Email from Brian Chen summarizing publication numbers - 20160603, June 2016, Data on File (115409-190529) 2. Ethicon, 01062016, HARMONIC™ and ENSEAL™ Historical Units June 2016, Data on file (118891-190718)



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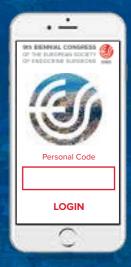


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PROGRAMME AT A GLANCE



08:00 – 08:15 **Opening of the Congress**

President of ESES: David Scott-Coombes

Congress Organizers:

Nikolaos Roukounakis - Kyriakos Vamvakidis

08:15 - 09:15 Oral Paper Session 1: Adrenals & NET A

Chairs: Fatih Tunca, Dimitrios Linos

09:15 - 10:15 Oral Paper Session 2: Benign thyroid Chairs: Maurizio Iacobone, Konstantinos Sapalidis

10:15 - 10:45 Coffee Break

Friday, May 27, 2022

10:45 - 11:15 Basic Science Lecture: Addressing thyroid cancer progression and iodine

refractoriness

Prof. Chris McCabe

Chair: Sam Van Slycke

Oral Paper Session 3: Parathyroid A Chairs: Jan Zedenius, Charidimos Markogiannakis

12:15 - 13:00 **Eurocrine Session: Eurocrine GA - Eurocrine Progress**

Chair: Anders Bergenfelz

13:00 - 14:00 **ESES General Assembly** Chair: David Scott-Coombes

Lunch Break (Poster evaluation PP001 - PP094) 14:00 - 15:00

15:00 – 16:00 Oral Paper Session 4: Adrenal & NET B

Chairs: Francois Pattou, Jesus Villar del Moral

16:00 - 17:00 Oral Paper Session 5: Malignant thyroid A

Chairs: Joaquin Gomez, Kyriakos Vamvakidis

17:00 - 17:30 Coffee Break

Oral Paper Session 6: Malignant thyroid B

Chairs: Kerstin Lorenz, Nikolaos Roukounakis

18:30 - 19:00 Key Note Lecture: Surgical Management of Medullary Thyroid Cancer

Prof. Kerstin Lorenz

Chairs: Kyriakos Vamvakidis, Nikolaos Roukounakis

19:00 - 19:20 Presenting UEMS diplomas

Chairs: Kerstin Lorenz, Oliver Gimm

20:00 **Welcome Reception** Saturday, May 28th 2022 Olympia Hall



08:00 – 09:00	Oral Paper Session 7: Parathyroid B
	Chairs: Inga - Lena Nilsson, Theodosis Papavramidis
09:00 – 10:30	Interactive interesting case presentations with live voting Moderator: Michael Stechman
10:30 – 11:00	Coffee Break
11:00 – 11:45	Charles Proye Lecture: What does it mean excellence in adrenal surgery? Prof. Martin Walz Chair: David Scott-Coombes
11.45 – 12.45	Best Oral Paper Session
	Chairs: Antonio Sitges-Serra, Radu Mihai
12:45 – 13:15	Historical Lecture: Thomas Peel Dunhill: The life and times of a pioneer thyroid surgeon Prof. Fausto Palazzo Chair: Marcin Barczynski
13:15 – 14:15	Lunch Break (Poster evaluation PP095 - PP181)

Vergina Hall

13:15 - 14:15 **Satellite Lecture**

Medtronic

Synergy of Technologies in Head & **Neck Surgery - from Past to Present** Prof Barczyński (Poland) & Prof Duran (Spain)

14.15 – 16.00	BJS Prize Session
	Chairs: Anders Bergenfelz, Marcin Barczynski
16:00 – 16:30	BJS lecture: New optical techniques for the detection and preservation of the parathyroid glands Prof. Frederic Triponez Chair: David Scott-Coombes
16:30 – 17:30	Video Session (Video Presentations 01-06)
	Chairs: Marco Raffaelli, Ioannis Koutelidakis
17:30– 18:00	Break
18:00 – 18:30	ETA Lecture: Supplementation of thyroid hormones after total thyroidectomy for Graves's disease: what is the role of T3? Prof. Simon Pearce Chair: Gianlorenzo Dionigi
18:30 – 18:45	Honorary membership Chair: David Scott-Coombes
18:45 – 19:00	Closing remarks David Scott-Coombes, Nikolaos Roukounakis, Kyriakos Vamvakidis
20:00	Gala Dinner



SCIENTIFIC PROGRAMME

Friday, May 27, 2022



Opening of the Congress

President of ESES: David Scott-Coombes

Congress Organizers:

Nikolaos Roukounakis – Kyriakos Vamvakidis

08:15 - 09:15

Oral Paper Session 1
Adrenals & NET A

Chairs: Fatih Tunca. Dimitrios Linos

The finding of necrosis in preoperative imaging and histology of benign and malignant adrenal tumors

A Dukaczewska¹ C Kunze² S Ponsel³ P Goretzki¹ EM Dobrindt¹ F Butz¹ J Pratschke¹ MT Mogl¹¹Department of Surgery, Charité – Universitätsmedizin Berlin CCM/CVK, Berlin, Germany, ²Department of Pathology, Charité – Universitätsmedizin Berlin, Berlin, Germany, ³Department of Radiology, Charité – Universitätsmedizin Berlin, Germany

167 International survey on opinions and use of minimally invasive surgery in small bowel neuroendocrine neoplasms

E Kacmaz^{1,2} AF Engelsman^{1,2} WA Bemelman¹ PJ Tanis^{1,2} EJM Nieveen van Dijkum^{1,2} ¹Department of Surgery, Amsterdam UMC, Amsterdam, Netherlands, ²Amsterdam Center for Endocrine and Neuroendocrine Tumours, Amsterdam UMC, Amsterdam, Netherlands

143 A Cohort Review of Pheochromocytoma-Induced Takotsubo Cardiomyopathy

AEY Aw¹ MC de Jong² S Varghese³ J Lee² R Parameswaran¹.²
¹Yong Loo Lin School of Medicine, National University of Singapore, Singapore, ²Department of Endocrine Surgery, National University Hospital, Singapore, ³School of Medicine, Trinity College Dublin, Republic of Ireland

92 Adrenal metastasectomy in a large nationwide study: Clinical outcomes, safety, and prognostic factors

EH VIk¹ A Ebbehoj² F Donskov³ PL Poulsen² BS Rashu⁴ L Bro⁵ M Aagaard⁶ L Rolighed¹¬¹ Department of Surgery, Aarhus University Hospital, Aarhus, Denmark, ² Department of Endocrinology and Internal Medicine, Aarhus University Hospital, Aarhus, Denmark, ³ Clinical Institute, Aarhus University Hospital, Aarhus, Denmark, ¹ Department of Urology, Herlev and Gentofte Hospital, Herlev, Denmark, ⁵ Department of Urology, Odense University Hospital, Odense, Denmark, ⁵ Department of Urology, Rigshospitalet, Copenhagen, Denmark, ¹ Department of Otorhinolaryngology, Aarhus University Hospital, Aarhus, Denmark

B Seeliger¹²³⁴ A Meyer¹ B Gallix¹.3 G Exarchakis¹.3 N Padoy¹.3 D Mutter¹.2.4
¹Institute of Image-Guided Surgery, IHU-Strasbourg, Strasbourg, France, ²Department of General, Digestive, and Endocrine Surgery, University Hospitals of Strasbourg, Strasbourg, France, ³ICube, University of Strasbourg, CNRS, Strasbourg, France, ⁴Research Institute against Digestive Cancer, IRCAD, Strasbourg, France

Olympia Hall

146 Introduction of Indocyanine Green (ICG) in Laparoscopic Adrenalectomy: initial experience

P Metaxas M Sotiropoulou N Ntargakis M Psarologos C Kyzeridis E Kefalou E Mavrodimitraki A Paraskeva V Drakopoulos S Kapiris I Alevizakis A Kolinioti J Tripoulas, S Kapris Third Surgical Department, 'Evangelismos' General Hospital, Athens, Greece

09:15 - 10:15

Oral Paper Session 2

Benign thyroid

Chairs: Maurizio lacobone, Konstantinos Sapalidis

232 Intraoperative neuromonitoring and staged thyroidectomy - our experience after 3100 monitored operations

CChristoforides^{1,5}**GKritikos**¹|Zorbas¹SStefanou¹|Papandrikos¹SGouliamas^{1,6}KZorbas² G Misichronis³ N Roukounakis⁴ K Vamyakidis¹

¹Department of Endocrine Surgery, Henry Dunant Hospital Center, Athens, Greece, ²Department of Surgery, Bronx Care Health System, New York, NY, United States, ³Department of Endocrinology, Central Clinic of Athens, Athens, Greece, ⁴1st General Surgery and Organ Transplantation Unit, Evangelismos Hospital, Athens, Greece, ⁵Endocrine Surgery Unit, Mediterranean Hospital of Cyprus, ⁶Department of Surgery, Naval Hospital of Crete, Chania, Greece

173 Clinical and Anatomical Factors Affecting Recurrent Laryngeal Nerve Paralysis During Thyroidectomy via Intraoperative Nerve Monitorisation

N Aygun¹, M Kostek¹, M Taner Unlu¹, A Isgor², M Uludag¹
¹General Surgery, University of Health Sciences, Sisli Hamidiye Etfal Training Hospital, Istanbul, Turkey ²General Surgery, Memorial Hospital, Istanbul, Turkey

217 Mortality after thyroid surgery for benign multinodular goiter with or without thyroid hormone replacement therapy

EN Nordenstroem¹ JR Ranstam² AB Bergenfelz³

¹Surgery, Lund University, Lund,Sweden, ²Clinical Sciences, Lund University, Lund,Sweden, ³Surgery, Lund University, Lund, Sweden

40 Uncovering IONM data errors that challenge established normal ranges and threshold values - A R based tool to validate IONM raw data

TJ Musholt¹ JI Staubitz¹ PB Musholt²

¹General, Visceral, and Transplantation Surgery, University Medicin, Mainz, Germany, ²Sanofi, Berlin, Germany

139 Is it time to give up serum calcium levels measurements on POD1 after total thyroidectomy? Using intraoperative PTH measurement alone is enough to predict postoperative hypocalcemia.

N Chereau G Godiris-Petit S Noullet S Gaujoux F Menegaux

Department of General, Digestive and Endocrine Surgery, Sorbonne University, Pitié Salpétrière Hospital, Paris, France



41 Smart data quality validation in EUROCRINE using Microsoft PowerBI
TJ Musholt¹ T Clerici² A Bergenfelz³

¹Department of General, Visceral, and Transplantation Surgery, University Medicine Mainz, Germany, ²Klinik für Chirurgie, Kantonsspital St. Gallen, Swiss, ³Department of Clinical Sciences - Lund, Section V- Surgery, Lund University, Sweden

10:15 – 10:45 **Coffee Break**

10:45 – 11:15 Basic Science Lecture

Addressing thyroid cancer progression and iodine

refractoriness
Prof. Chris McCabe

Chair: Sam Van Slycke

11:15 – 12:15 Oral Paper Session 3

Parathyroid A

Chairs: Jan Zedenius, Charidimos Markogiannakis

212 Primary hyperparathyroidism – a potential trigger of migraine?
The result of a nationwide study.

ILN Nilsson^(1,2) AK Koman^(1,2) DT Thorsteinsson^(1,2) FG Granath³

¹Molecular Medicine and Surgery, Karolinska Institutet, Stockholm,Sweden, ²Endocrine Tumors and Sarcoma, Karolinska University Hospital, Stockholm,Sweden, ³Medicine, Clinical Epidemiology, Karolinska Institutet, Stockholm, Sweden

204 Contrast-Enhanced Ultrasound - Potential New Player in Differentiation of Parathyroid Lesions?

SP Pavlovics^{1,4}, MR Radzina^{1,2,4}, RN Niciporuka^{5,6}, MR Ratniece^{1,3}, MM Mikelsone⁶, PP Prieditis^{1,4}, ML Liepa^{1,4}, AO Ozolins^{5,6}, JG Gardovskis^{5,6}, ZN Narbuts^{5,6}

Radiology Research Laboratory, Riga Stradins University, Riga, Latvia ²Faculty of Medicine, University of Latvia, Riga, Latvia ³Faculty of Medicine, Riga Stradins University, Riga, Latvia ⁴Diagnostic Radiology Institute, Pauls Stradins Clinical University Hospital, Riga, Latvia ⁵Department of Surgery, Pauls Stradins Clinical University Hospital, Riga, Latvia ⁶Department of Surgery, Riga Stradins University, Riga, Latvia

194 Evaluation of accuracy of intraoperative fluorescence techniques in predicting parathyroid hormone levels after thyroidectomy

F Pennestrì² A De Iacob^{1, 2} L Sessa² F Prioli² P Gallucci² PF Procopio^{1, 2} P Princi² R Bellantone^{1, 2} C De Crea^{1, 2} M Raffaelli^{1, 2}

¹Dipartimento di Medicina e Chirurgia Traslazionale, Università; Cattolica del Sacro Cuore, Rome, Italy, ²Division of Endocrine and Metabolic Surgery, Fondazione Policlinico Universitario Agostino Gemelli IRCCS, Rome, Italy



Diagnostic rechallenge with ¹⁸f-fch pet/ct often allows minimally invasive parathyroidectomy while maintaining exceptional cure rates

S Ghoren¹ **NC Paladino¹** S Laks² T Cuny³ C Mennetrey⁴ D Assaf² E Hindié⁵ G Guerin¹ D Taïeb⁴ F Sebag¹

'Department of General Endocrine and Metabolic Surgery, Conception University Hospital, APHM, Aix Marseille University, Marseille, France, 'Department of General and Oncological Surgery - Surgery C, Sheba Tel Hashomer Medical Center, The Chaim Sheba Medical Center, Ramat Gan, Israel, 'Department of Endocrinology, Conception University Hospital, APHM, Aix Marseille University, Marseille, France, 'Department of Nuclear Medicine, La Timone University Hospital, CERIMED, Aix-Marseille University, France, 'Department of Nuclear Medicine, University Hospital of Bordeaux, Bordeaux, France

24 Is the indocyanine green score an accurate predictor of postoperative parathyroid hormone level?

MS Demarchi¹ M Baccaro² W Karenovics¹ B Bédat¹ F Triponez¹

¹Thoracic and Endocrine Surgery and Faculty of Medicine, University Hospitals of Geneva, Geneva, Switzerland, ²Faculty of Medicine, University of Geneva, Geneva, Switzerland

12:15 – 13:00 **Eurocrine Session**

Eurocrine GA - Eurocrine Progress

Chair: Anders Bergenfelz

Robot-assisted versus conventional laparoscopic adrenalectomy: Results from the Eurocrine Surgical Registry

<u>Safa Vatansever</u>, Erik Nordenström, Marco Raffaelli, Laurent Brunaud. Ozer Makay

On behalf of the Eurocrine Council

13:00 – 14:00 **ESES General Assembly**

Chair: David Scott-Coombes

14:00 – 15:00 **Lunch Break (Poster evaluation PP001 - PP094)**





15:00 - 16:00

Oral Paper Session 4Adrenal & NET B
Chairs: François Pattou, Jesus Villar del Moral

165 SimLife Model Training in Endocrine Surgery (adrenalectomy, thyroidectomy and neck dissection). First National French-AFCE Session

G Donatini¹ J Danion¹ F Pattou² H Najah³ JP Richer¹ JP Faure¹

¹General and Endocrine Surgery, University of Poitiers-CHU Poitiers, Poitiers, France, ²General Metabolic and Endocrine Surgery, University of Lille - CHRU Lille, Lille, France, ³General and Endocrine Surgery, CHU Bordeaux, Bordeaux, France

144 Long term outcome after surgery for pheochromocytoma/paraganglioma
F Torresan A Beber D Schiavone M Iacobone

Endocrine Surgery Unit - Dept of Surgery, Oncology and Gastroenterology, University of Padova, Padova, Italy

49 Robotic adrenalectomy for large adrenal masses: is it the preferred approach?

NC Paladino¹ C Guerin¹ J Gharios¹ D Taïeb² F Sebag¹

¹General Endocrine and Metabolic Surgery, Conception University Hospital, Aix-Marseille University, Marseille, France, ²Nuclear Medicine, La Timone University Hospital, CERIMED, Aix-Marseille University, Marseille, France

177 Hypocortisolemia following unilateral adrenalectomy

M Matter¹ E Mateev¹ G Sykiotis² T Zingg¹

¹Visceral Surgery, Centre Hospitalier Universitaire Vaudois, Lausanne, Switzerland, ²Endocrinology, Centre Hospitalier Universitaire Vaudois, Lausanne, Switzerland

203 Robot-assisted vs laparoscopic lateral transabdominal adrenalectomy in a high-volume center: a propensity score matching analysis

C De Crea¹.²; F Pennestri²; PF Procopio¹.²; P Gallucci²; L Ciccoritti²; F Greco²; S Di Lorenzo¹.²: G Salvi¹.²: R Bellantone¹.²: M Raffaelli¹.²

¹DipartimentodiMedicinaeChirurgiaTraslazionale,UniversitàCattolicadelSacroCuore,Rome,Italy ²Division of Endocrine and Metabolic Surgery, Fondazione Policlinico Universitario Agostino Gemelli IRCCS, Rome, Italy

4 Local treatment of neuroendocrine liver metastases: surgery or microwave ablation?

SF Perrodin¹ MM Renzulli¹ MH Maurer² D Candinas¹ G Beldi¹ A Lachenmayer¹ C Kim-Fuchs¹ ¹Department of Visceral Surgery and Medicine, University Hospital Bern, Inselspital, Bern, Switzerland, ²Department of Radiology, University Hospital Bern, Inselspital, Bern, Switzerland



City, Mexico

16:00 - 17:00

Oral Paper Session 5 Malignant thyroid A

Chairs: Joaquin Gomez, Kyriakos Vamvakidis

129 Total thyroidectomy in papillary carcinoma: a 5-year retrospective review V Magra^{1,2} I Mpotani² S Laskou^{1,2} V Manaki¹ E Paschou¹ T Gkeka¹ P Roulia¹ K Sapalidis^{1,2} I Kesisoglou^{1,2}

¹3rd Surgical Department, AHEPA University Hospital, Thessaloniki, Greece, ²Medical School, Department of Health Sciences, Aristotle University of Thessaloniki, Thessaloniki, Greece

163 One-year use of Near-Infrared Parathyroid Auto-Fluorescence (NIRAF) in a referral center for thyroid surgery. Prospective cohort study of long-term follow-up

L Carrillo¹ S Bakkar² C Zerrweck³ JL Kraimps¹ G Donatini¹
¹Endocrine Surgery, CHU Poitiers - University of Poitiers, Poitiers, France, ²Endocrine Surgery, Hashemite University, Zarqa, Jordan, ³Metabolic and Endocrine Surgery, ABC Hospital, Mexico

20 Poorly Differentiated Thyroid Cancer: Clinical, Pathological, Mutational, and Outcome Analysis

A AGARWAL¹ N GEORGE¹ N KUMARI² N KRISHNANI² M RASHID¹ P MISHRA³ SK GUPTA⁴

¹Endocrine surgery, SGPGIMS, Lucknow, India, ²Pathology, SGPGIMS, Lucknow, India, ³Biostatistics, SGPGIMS, Lucknow, India, ⁴Endocrinology, SGPGIMS, Lucknow, India

46 Clinical issues concerning active surveillance for low-risk Papillary Thyroid Carcinoma

R Pandev ¹ P Bochev² N Novoselska²

 $^{\mathrm{II}}$ University Clinic of Surgery, Medical University, Pleven, Bulgaria, $^{\mathrm{2}}$ Acibadem Cityclinic, UMBAL $^{\mathrm{II}}$ Aladost, Sofia, Bulgaria

3 Feasibility of thyroid lobectomy according to the ATA 2015 guidelines in clinical practice: a 5-year single center retrospective study

N Voloudakis¹ D Chatzopoulou¹ M Velikoudi¹ T Pavlidis¹ P Anagnostis² K Pazaitou-Panayiotou³ D Raptis¹ V Papaziogas¹ I Koutelidakis¹

¹2nd Surgical Department, Medical School, Aristotle University of Thessaloniki, Thessaloniki, Greece, ²First Department of Obstetrics and Gynecology, Medical School, Aristotle University of Thessaloniki, Thessaloniki, Greece, ³Division of Endocrinology, Interbalkan Medical Center, Thessaloniki, Greece

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17:00 – 17:30 Coffee Break





17:30 - 18:30

Oral Paper Session 6 Malignant thyroid B Chairs: Kerstin Lorenz, Nikolaos Roukounakis

138 Impact of a prophylactic lymph node dissection on complications and recurrence in papillary thyroid carcinoma. An AFCE (French-speaking Association of Endocrine Surgery) multicentre study based on Eurocrine® national data

N Chereau¹ N Christou² R Caiazzo³ A Le fouler⁴ JC Lifante⁵ L Maillard⁵ E Mirallie⁶ F Pattou³ L Brunaud³ F Menegaux¹ N Santucci³ N Bouviez¹o

Department of General, Digestive and Endocrine Surgery, Sorbonne Université, Pitié Salpétrière Hospital, Paris, France, ²Department of Digestive and Endocrine Surgery, University Hospital of Limoges, Limoges, France, ³Department of General and Endocrine Surgery, Claude Huriez University Hospital, Lille, France, ⁴Department of Digestive and Endocrine Surgery, University Hospital Avicennes, Bobigny, France, ⁵Department of General and Endocrine Surgery, Lyon Sud Hospital, Hospices Ci, Lyon, France, ⁶Department of Digestive and Endocrine Surgery, IMAD, Hôtel Dieu, University hospital of Nantes, Nantes, France, ⁷Department of Digestive and Endocrine Surgery, University Hospital of Besancon, Besancon, France, ⁸Department of Digestive and Endocrine Surgery, University Hospital of Dijon, Dijon, France, ⁸Department of Digestive Surgery, University Hospital of Besancon, Besancon, France, ⁸Department of Digestive Surgery, University Hospital of Besancon, France, ⁸Department of Digestive Surgery, University Hospital of Besancon, France

The potential role of microvesicles in the management of thyroid nodules
Eddama MMR^{1,3} Gurung R.¹ Ahmed N.² de Jong MC.³ Rozalen Gracia V.³ Patel J.¹
Kurzawinski TR.³ Cohen R.⁴ Loizidou M.¹ Clapp L.² Abdel-Aziz TE.^{3,1}
Research Department of Surgical Biotechnology, University College London, London ,UK,
²Institute of Cardiovascular Science, University College London, London,UK, ³Department of
Endocrine Surgery, University College London Hospital, London, UK, ⁴Division of Surgery and
Interventional Science, University College London, London, UK

206 Does Prophylactic Lymph Node Dissection effects on Surgical Outcomes and Adjuvant Radioactive Iodine Treatment Rates in Papillary Thyroid Cancer Patients

Y Iscan N Shadmanov¹ B Atalay¹ IC Sormaz¹ Y Giles Senyurek¹ F Tunca¹ Endocrine Surgery Department, Istanbul University, Istanbul, Turkey

16

26 Extension of prophylactic surgery in medullary thyroid carcinoma.

Differences between sporadic and hereditary tumours according to calcitonin levels. Multicenter study (MECANO STUDY)

LD Juez¹ E Mercader² I Amunategui² B Febrero³ JM Rodriguez³ **J Gómez Ramírez⁴** M MECANO Collaboration Group⁴

¹General Surgery, Hospistal universitario Ramon y Cajal, Madrid, Spain, ²General Surgery, Hospital Universitario Gregorio Marañón, Madrid, Spain, ³General Surgery, Hospital Clínico Universitario Virgen de la Arrixaca, Murcia, Spain, ⁴General Surgery, Hospistal universitario Ramon y Cajal, Madrid, Spain



Differentiated thyroid carcinoma in pediatric patients younger than 15 years: a propensity score-matched analysis

SY Kim¹ HJ Yoon² HJ Kim³ SM Kim² Tl Yoon¹ YS Lee² HS Chang² CS Park³
¹Surgery, Ajou University, Suwon, Korea, ²Surgery, Gangnam Severance Hospital, Yonsei University, Seoul, Korea, ³Surgery, CHA Ilsan Medical Center, Goyang-si, Korea

150 Prophylactic and Early thyroidectomy in RET germline mutation carriers in children and adults: long-term outcome of a series of 69 patients

F Torresan' S Censi² C Mian² M Iacobone¹

¹Endocrien Surgery Unit, University of Padova, Italy, ²Endocrinology Unit, University of Padova, Italy

18:30 – 19:00 **Key Note Lecture**

Surgical Management of Medullary Thyroid Cancer

Prof. Kerstin Lorenz

Chairs: Kyriakos Vamvakidis, Nikolaos Roukounakis

19:00 – 19:20 Presenting UEMS diplomas

Chairs: Kerstin Lorenz, Oliver Gimm

20:00 Welcome Reception

Exhibition Area



Saturday, May 28, 2022



08:00 - 09:00

Saturday, May 28,

Oral Paper Session 7
Parathyroid B
Chairs: Inga - Lena Nilsson, Theodosis Papavramidis

27 Could the PTH rise on the first week after total thyroidectomy predict the development of permanent hypoparathyroidism?

AVT Vilar Tabanera **JGR Gómez Ramírez** AGB González Barranquero APV Puerta Vicente BPG Porrero Guerrero PLP Luengo Pierrard RAJ Arranz Jiménez JMFC Fernández Cebrián

General Surgery, Ramon y Cajal Hospital, Madrid, Spain

47 Retrospective observational study on the management and evolution of normocalcemic primary hyperparathyroidism

L Delgado Búrdalo¹ **JL Muñoz De Nova¹.²** A Valdés De Anca¹ J Revuelta Ramírez¹ Y García Del Álamo Hernández¹ M Sampedro Núñez³ E Torres Mínguez¹ E Martín-Pérez ¹.²

¹Department of General and Digestive Surgery, Hospital Universitario de La Princesa, Madrid, Spain, ²Department of Surgery, Universidad Autónoma de Madrid, Madrid, Spain, ³Department of Endocrinology and Nutrition, Hospital Universitario de La Princesa, Madrid, Spain

What happens to the bone structure after normocalcemic primary hyperparathyroidism surgery?

I Osorio Silla¹ **J Gómez Ramirez**² A Valdazo Gómez³ S Salido Fernández¹ C Sánchez García¹ R Pardo García¹

¹Department of Surgery, University Hospital Fundacion Jimenez Díaz, Madrid, Spain, ²Department of Surgery, University Hospital Ramon y Cajal, Madrid, Spain, ³Department of Surgery, University Hospital Infanta Leonor, Madrid, Spain

195 Comparing medication costs after total parathyroidectomy and subtotal parathyroidectomy for secondary hyperparathyroidism

GMD Pereira¹ M Liao¹ RMA Moyses² SS Arap³ MR Custodio² MDG Brescia³ CP Nascimento Jr³ V Jorgetti² **FLM Montenegro³**

¹Graduation, University of Sao Paulo Medical School, Sao Paulo, Brazil, ²Nephrology, University of Sao Paulo Medical School, Sao Paulo Medical School, Sao Paulo, Brazil, ³Surgery, University of Sao Paulo Medical School, Sao Paulo, Brazil

166 Socioeconomic factors associated with treatment choice in primary hyperparathyroidism - a population-based study

D Thorsteinsson^{1,2} F Granath³ R Branstrom^{1,2} J Zedenius^{1,2} IL Nilsson^{1,2}

¹Breast, endocrine tumours and sarcoma surgery, Karolinska University Hospital, Stockholm, Sweden, ²Molecular medicine and surgery, Karolinska Institutet, Stockholm, Sweden, ³Clinical epidemiology, Karolinska Institutet, Stockholm, Sweden

Olympia Hall

37 Patterns of recurrent and persistent hyperparathyroidism according to whether initial parathyroidectomy was performed at high or low volume centers

D Torselli-Valladares **L Lorente-Poch** JJ Sancho A Sitges-Serra General Surgery, Hospital del Mar, Barcelona, Spain

09:00 – 10:30 Interactive interesting case presentations with live voting

Moderator: Michael Stechman

Paraganglioma: Georgios N. Zografos

Thyroid: Joan Sancho Parathyroid: Fausto Palazzo Adrenal: Robert Bränström

10:30 - 11:00 **Coffee Break**

11:00 – 11:45 Charles Proye Lecture

What does it mean excellence in adrenal surgery?

Prof. Martin Walz

Chair: David Scott-Coombes

11.45 – 12.45

Best Oral Paper Session

Chairs: Antonio Sitges-Serra, Radu Mihai

38 Lenvatinib & Pembrolizumab induces long lasting response in patients with UICC Stage 4C anaplastic and poorly differentiated thyroid cancer CD Dierks¹, C Miething² C Klein³ J Ruf³ M Kroiss⁴ C Spitzweg⁴ N Von Bubnoff² M La Rosee⁶ K Lorenz³ A Zielke³

¹University-Department of Oncology, Univ. Halle a.d.S., Halle,Germany, ²University-Department of Oncology, Univ. Freiburg, Freiburg,Germany, ³University-Department of Nuclear Medicine, Univ. Freiburg, Freiburg University-Depart, Germany, ⁴University-Department of Endocrinology, Dept. of Internal Medicine I, LMU München, München, Germany, ⁵Department. of Internal Medicine II, Oncology, Schwarzwald Baar Klinikum, Villingen Schwenningen, Germany, ⁶University-Department of Surgery, Univ. Halle, Halle, Germany, ⁷Endocrine Center Stuttgart, Dept. of Endocrine Surgery, DiakonieKlinikum, Stuttgart, Germany, ⁸Germany

134 Prospective clinical trial of a novel, reusable, pocket size Point of Care device to measure ionized calcium in venous and capillary blood: Interim analysis

V Rozalen-Garcia¹ MC de Jong¹ TE Abdel-Aziz¹ C Soromani² F Lam² T Kurzawinski¹ 'Endocrine Surgery, University College London Hospital, London, UK, ²Biochemistry Department, University College London Hospital, London, UK





Saturday, May 28, 2022

85 Could endocrine surgeons improve the information provided to thyroid cancer patients?

C Martínez-Santos¹ A Sáez² E Mercader³ J Gómez-Ramírez⁴ F de Santos⁵ N Casinello⁶ JL Muñoz de Nova⁷ D Acín⁸ S Ros⁹ F Lucena¹⁰
¹Endocrine Surgery Unit, Hospital Costa del Sol, Marbella, Spain, ²Spanish Association of Patients with Thyroid Cancer, AECAT, Madrid, Spain, ³Endocrine and Metabolic Surgery Unit, Hospital Universitario Gregorio Marañón, Madrid, Spain, ⁴Endocrine Surgery Unit, Hospital Universitario

Universitario Gregorio Marañón, Madrid, Spain, ⁴Endocrine Surgery Unit, Hospital Universitario Ramón y Cajal, Madrid, Spain, ⁵General Surgery, Complejo Hospitalario Universitario de Cáceres, Cáceres, Spain, ⁶Endocrine and Metabolic Surgery Unit, Hospital Clínico Universitario Valencia, Spain, ⁷Endocrine, Breast and wall surgical Unit, Hospital Universitario La Princesa, Madrid, Spain, ⁸Endocrine Surgery Unit, Hospital Universitario Fuenlabrada, Madrid, Spain, ⁹Endocrine Surgery Unit, Hospital Clinic Universitario Lozano Blesa, Zaragoza, Spain, ⁹Endocrine Surgery Unit, Hospital Costa del Sol, Marbella, Spain

112 European multicentre study on outcome of reoperative parathyroidectomy for sporadic primary hyperparathyroidism

LB Brunaud¹, SVS Slycke², OM Makay³, AB Bergenfelz⁴, EC The Eurocrine Council⁵ ¹Department of Gastrointestinal, Metabolic, and Cancer Surgery (CVMC), University of Lorraine, CHRU Nancy, Vandoeuvre les Nancy, France, ²Department of General and Endocrine Surgery, Onze-Lieve-Vrouw Hospital, Aals, Belgium, ³Department of Surgery , Ege University Hospital, Izmir, Turkey, ⁴Department of Surgery and Gastroenterology, Skane University Hospital, Lund, Sweden, ⁵The Eurocrine Council, Eurocrine , Vienna, Austria

74 Parathyroid autofluorescence may help to reduce post-thyroidectomy hypocalcemia

L Rossi, E Pieroni, MC Vazquez, L Fregoli, G Materazzi, Endocrine Surgery Unit, University Hospital of Pisa, Pisa, Italy

12:45 – 13:15 Historical Lecture

Thomas Peel Dunhill: The life and times of a pioneer

thyroid surgeon Prof. Fausto Palazzo Chair: Marcin Barczynski

13:15 – 14:15 Lunch Break (Poster evaluation PP095 - PP181)



14.15 - 16.00

BJS Prize Session

Chairs: Anders Bergenfelz, Marcin Barczynski

231 Quantitative parameters of intraoperative neuromonitoring can accurately predict the non-recurrent laryngeal nerve before dissection

C Christoforides^{1,3} S Stefanou¹ I Zorbas¹ G Kritikos¹ I Papandrikos¹ S Gouliamas¹.⁴ A Arambatzi¹ K Rellos¹ N Roukounakis² K Vamvakidis¹

¹Department of Endocrine Surgery, Henry Dunant Hospital Center, Athens, Greece, ²1st General Surgery and Organ Transplantation Unit, Evangelismos Hospital, Athens, Greece, ³Endocrine Surgery Unit, Mediterranean Hospital of Cyprus, Limassol, Cyprus, 4Department of Surgery, Naval Hospital of Crete, Chania, Greece

192 A New Method For Defining Parathyroid Tissue In Focused Parathyroidectomy: Aspartate Aminotransferase (AST)/Lactate Dehydrogenase (LDH) Ratio From Tissue Aspirate

O Alpay, G Çitlak, M Akinci

General Surgery, Haseki Training and Research Hospital, Istanbul, Turkey

123 Minimally invasive cortical sparing adrenalectomy: outcomes in 20 years' experience. A multicenter study

M Boniardi¹ O Quagli^{1,2} **L Lorusso**^{1,2} G Abruzzese^{1,2} I Pauna¹ S Andreani¹ PSL Aiello¹ M Iacobone³ G Cavallaro⁴ G Ferrari¹

¹Minimally Invasive and Oncological General Surgery, Dpt. of Endocrine Surg., Niguarda Hospital, Milan, Italy, ²University of Milan, University of Milan, Milan, Italy, ³Minimally Invasive and Video-assisted Endocrine Surgery, Azienda Ospedaleria Universitaria di Padova, Padua, Italy, ⁴Department of Surgery P. Valdoni, Policlinico Umberto I, Rome, Italy

202 Fascial versus standard neck dissection in patients with N1b papillary thyroid carcinoma

N Voloudakis² S Di Lorenzo¹² L Sessa² MP Cerviere¹² E Savia¹² B Biffoni¹² R Luca¹² R Bellantone¹² C De Crea¹² M Raffaelli¹²

¹Dipartimento di Medicina e Chirurgia Traslazionale, Università Cattolica del Sacro Cuore, Rome, Italy, ²Division of Endocrine and Metabolic Surgery, Fondazione Policlinico Universitario Agostino Gemelli IRCCS, Rome, Italy

119 Predicting clinical outcomes of patients with serum thyroglobulin antibodies after thyroidectomy for differentiated thyroid cancer: a retrospective study from a UK regional centre

H Anderson¹, S Gull¹, K Lim¹, R Oprean², K Spence³, T Cvasciuc¹

¹Endocrine Surgery, Royal Victoria Hospital, Belfast,UK, ²Endocrinology and Diabetes, Royal Victoria Hospital, Belfast, UK, ³Endocrinology Laboratory, Royal Victoria Hospital, Belfast, UK





Saturday, May 28,

170 Does transient hypoparathyroidism impair patients' quality of life after total thyroidectomy?

J L Muñoz de Nova^{1,2} L Delgado Burdalo¹ J Revuelta Ramírez¹ A Valdés de Anca¹ E Torres Minguez¹ R Sanz Ongil¹ R Tovar Pérez¹ E Martín-Pérez^{1,2}

¹Department of General and Digestive Surgery, Hospital Universitario de La Princesa, Madrid, Spain, ²Department of Surgery, Universidad Autónoma de Madrid, Madrid, Spain

16:00 – 16:30 BJS lecture

New optical techniques for the detection and preservation of the parathyroid glands

Prof. Frederic TriponezChair: David Scott-Coombes

16:30 – 17:30 Video Session (Video Presentations 01-06) Chairs: Marco Raffaelli, Ioannis Koutelidakis

01 Is there an optimal surgical approach for locally advanced thyroid carcinoma?

Raffaelli Marco¹, Revelli Luca¹, Gallucci Pierpaolo², Prioli Francesca², De Crea Carmela¹

¹Division of Endocrine and Metabolic Surgery, Fondazione Policlinico Universitario Agostino Gemelli IRCCS, Università Cattolica del Sacro Cuore, Rome, Italy ²Division of Endocrine and Metabolic Surgery, Fondazione Policlinico Universitario Agostino Gemelli IRCCS, Rome, Italy

02 Posterior Retroperitoneoscopic Adrenalectomy – A Step-By-Step Approach

> CE Costa Almeida, MD, TV Caroço, MD Hospital CUF Coimbra, Luz Aveiro, IPO Coimbra

U3 Laparoscopic left adrenalectomy and resection of paraaortic paragangliomas

Maro Sotiropoulou

M. Sotiropoulou¹, N.Ntargakis¹, M. Psarologos¹, P.Metaxas¹, C.Kyzeridis¹, D.Stergiou¹, E.Kefalou¹, A.Paraskeva¹, E.Mavrodimitraki¹, S.Kapiris¹

¹Evaggelismos General Hospital, Athens, Greece,3rd Surgical Department

04 Real utility of neuromonitoring in uncommon situation during thyroidectomy

Alessandra Cossa



Partial endoscopic retroperitoneal adrenalectomy inby patients with MEN 2A/VHL - videopresentation and discussion about operative techniques Róbert Cotán, Oliver Gimm

Department of Surgery – Endocrine Surgery Universitethospital Linköping

06 Transoral Endoscopic Parathyroidectomy - Vestibular approach (TOEPVA)

Ozer Makay

17:30– 18:00 **Break**

18:00 – 18:30 **ETA Lecture**

Supplementation of thyroid hormones after total

thyroidectomy for Graves's disease: what is the role of T3?

Prof. Simon PearceChair: Gianlorenzo Dionigi

18:30 – 18:45 Honorary membership

Chair: David Scott-Coombes

18:45 – 19:00 **Closing remarks**

David Scott-Coombes, Nikolaos Roukounakis,

Kyriakos Vamvakidis

20:00 Gala Dinner

Restaurant of the Acropolis Museum





Satellite Lecture

Synergy of Technologies in Head & Neck Surgery from Past to Present

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Prof Barczyński

(Poland)

Saturday, May 28, 2022

Prof Duran

(Spain)

Moderator:

Dr. Agnieszka Strzembosz

Sponsored by

Medtronic

PRE-CONGRESS COURSES



Oivani Caravel Hotel Hall: Pella (mezzanine) 09.00 - 12.00

I	Neuro	omoni	itorin	a in Th	vroid	surgery
					<i>y</i>	Jan. 9 J. 7

Neuromonito	ing in Thyroid Surgery
Coordinator: Nikola	os Roukounakis , MD, FEBS Endo
09.00 - 09.15	Why and how to optimize neuromonitoring use? Prof. Marcin Barczynski
09.15 - 09.30	Continuous neuromonitoring benefits in the early detection of the incoming RLN palsy Prof. Rick Shneider
09.30 - 09.45	Coffee Break
09.45 - 10.00	I IONM and C-IONM limitations Prof. Gianlorenzo Dionigi
10.15 - 10.30	Troubleshooting in IONM Prof. Özer Makay
10.30 - 12.00	Live streaming from the operating room Henry Dunant Hospital Center
	Total thyroidectomy with the use of intermittent and continuous neuromonitoring Kyriakos Vamvakidis, MD, FEBS-Endo Director, Department of Endocrine Surgery, Henry Dunant Hospital Center
	Discussion and comments during the procedure by Prof. M.Barczynski , G. Dionigi , Ö. Makay and R. Schneider



Divani Caravel Hotel Hall: Ilissos (ground level) 09.00 - 12.00

Noole	Ultras	01100
Neck		

Neck Oillaso	
09.00 - 09.40	Lecture The use of ultrasound in thyroid and parathyroid diseases A. Koureas
09.40 - 12.00	Hands on neck ultrasound training on patients Faculty: Konstantina Zafiropoulou, Apostolos Dalakidis, Andreas Koureas





Analysis of EUROCRINE data: How to use Power BI for Eurocrine and My Eurocrine

Aim of the course

Thursday, May 26, 2022

The course should enable Eurocrine clinic representatives to analyse Eurocrine and MyEurocrine data with Microsoft Power BI and to produce autonomously clinic specific reports and dashboards For preparation to the course participants are encouraged to look at the following two video tutorials

https://www.youtube.com/user/mspowerbi https://www.youtube.com/watch?v=m1eLTtZHGs4

! Absolutely mandatory prerequisites for participating in the course!

- You are a Eurocrine representative of a Eurocrine Clinic
- You have been entering data to the Eurocrine database at least from the beginning of
- You bring along your laptop (Windows) with the downloaded and installed Desktop version of Microsoft Power BI (unfortunately there is no Power BI desktop version for Mac users) (Free download at https://powerbi.microsoft.com
- You have a Power BI Pro licence provided by the Eurocrine Society and therefore a username and password

Think of bringing along a power plug converter to keep your laptop operational during the course (if needed).

Content of the course

- 1. Rapid presentation of the standard clinic reports
- 2. Data quality reports
- 3. Designing your own report in power BI service
- 4. Downloading my Eurocrine data and working with it

Divani Caravel Hotel
Hall: Mycenae (mezzanine)
14.00 - 17.00

Fluorescence Course

Organization	/ Coordination: I	or Klage	Van Don	Hoodo
- Oraanizaiion	/ Coordination: I	or Kidas	van Den	neene

14.00 - 14.30	Introduction to autofluorescence Dr Klaas Van Den Heede
14.30 - 15.00	Introduction to ICG enhanced fluorescence Prof. Gianluca Donatini
15.00 - 15.30	Clinical implementation of AF/ICG in thyroid / parathyroid surgery Prof. Frédéric Triponez
15.30 - 15.45	Coffee Break
15.45 - 16.15	IR Fluorescence imaging system Live demonstration Medtronic Representative
16.15 - 16.45	Fluorescence in Adrenal Surgery Dr Barbara Seeliger
16.45 - 17.00	Closing remarks



Divani Caravel Hotel
Hall: Ilissos (ground level)
14.00 - 17.00

DES Exams Preparation Course

14.00 - 14.20	Diploma in Endocrine Surgery Significance, rules, eligibility <i>Prof. Oliver Gimm</i>
14.20 - 14.40	How to critique a paper-A reflection on the performance of previous candidates Dr Radu Mihai
14.40 - 15.00	Statistical analysis a basic understanding Prof. Juan Sancho
15.00 - 15.15	Coffee Break
15.15 - 16.45	Viva practice (6 groups rotation)

Time	Radu Mihai	Kerstin Lorenz	Marco Raffaelli	Leira Lorente	Joaquín Gómez	Ozer Makay
15.15-15.35	Group 1	Group 2	Group 3	Group 4	Group 5	Group 6
15.35-15.55	Group 2	Group 3	Group 4	Group 5	Group 6	Group 1

Catch up, discussion

16.05-16.25	Group 3	Group 4	Group 5	Group 6	Group 1	Group 2
16.25-16.45	Group 4	Group 5	Group 6	Group 1	Group 2	Group 3

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Q&A // Feedback

GENERAL INFORMATION

CONGRESS DATES

26-28 May 2022

The **9**th **Biennial Congress of the European Society of Endocrine Surgeons** (ESES 2022) is held exclusively with physical presence, as nothing can replace the physical human communication especially in continuing medical education. It is, therefore, a unique opportunity for ESES Community for networking and exchanging of knowledge especially after two years of social distancing in Congresses.

CONGRESS VENUE

Divani Caravel Hotel

2 Vassileos Alexandrou avenue 16121 Athens, Greece https://divanicaravelhotel.com/

The Divani Caravel Hotel, member of the Leading Hotels of the World, enjoys a prime location in the heart of this iconic city of Athens. Minutes away and mainly in walking distance from all major sightseeing points and



museums, Divani Caravel Hotel is the ideal place from where to start exploring the amazing city of Athens.

With a choice of multi-functional rooms and unparallel service, Divani Caravel offers a fantastic venue that can cater to all kinds of meetings, business conferences and special events. The 4.000 sq.m. – 43.005 sq.ft. of overall meeting space include one of the most beautiful, pillar-free ballrooms in Athens, and 15 more modular meeting rooms thus making this the ideal venue for conventions, congresses, incentives and all kind of corporate events in Athens.





MEETING ROOMS

Date	Time	Function	Meeting Room
26 May 2022	08.30 - 12.50	Exams	Aristotelis 1,2,3 / Kozani / Edessa / Naoussa / Mycenae/ Lobby Suite
26 May 2022	09:00 - 12:00	Neck Ultrasound Course	Ilissos
26 May 2022	09:00 - 12:00	Neuromonitoring course in Thyroid Surgery	Pella
26 May 2022	13:00 - 16:00	Microsoft Power BI Course	Florina
26 May 2022	14:00 - 17:00	DES Exams Preparation Course	Ilissos
26 May 2022	14:00 - 17:00	Fluorescence Course	Mycenae
26 May 2022	15.30 - 16.00	National Delegates Meeting	Pella
26 May 2022	16.30 - 19.30	Executive Committee Meeting	Horizon
27-28 May 2022	08.00 - 20.00	Main meeting room	Olympia
27-28 May 2022	13.00 - 14.00	Concurrent room for satellite symposia	Vergina
27-28 May 2022	08.00 - 20.00	Poster area	Ilissos

SCIENTIFIC PROGRAM SESSIONS

For the needs of the smooth flow of the scientific program, it is kindly requested that:

- Speakers limit their lecture within the predetermined duration.
- Chairpersons adhere to the time frame of the session they are chairing, ensuring the necessary time for discussion, and encouraging questions from the audience.

SPEAKERS PREVIEW DESK

All speakers are kindly requested to have their presentations available in electronic format (USB sticks). The use of personal computers and tablets is not allowed. All presentations will be delivered at least one (1) hour before the start of the session to the authorized personnel that staffs the speakers preview desk, which will be located at the congress venue for the whole duration of the congress.

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SECRETARIAT OPERATING HOURS

The congress secretariat is operating in the congress venue according to the following time schedule for the provision of support to participants, speakers and sponsors, as well as for accommodation and transfer issues.

Thursday, 26 May 2022 08.00 - 16.00 Friday, 27 May 2022 07.30 - 20.00 Saturday, 28 May 2022 07.30 - 20.00

EXHIBITION OPERATING HOURS

The exhibition will run during the Congress' main dates, thus **Friday May 27**th and **Saturday, May 28**th **2022**. Please ensure you make time to visit the exhibitors, during the exhibition's operating hours:

Friday, 27 May 2022 08.00 – 20.00 Saturday, 28 May 2022 08.00 – 19.30

UEMS ACCREDITATION

The 9th BIENNIAL CONGRESS OF THE EUROPEAN SOCIETY OF ENDOCRINE SURGEONS, Athens, Greece, 26/05/2022-28/05/2022 has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with 20 European CME credits (ECMEC®s). Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity once he/she has completed the feedback form.

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CONGRESS OFFICIAL LANGUAGE

The official language of the congress is English. Translation in Greek or any other language is not provided.

COVID-19 NOTIFICATION

The **9**th **Biennial Congress of the European Society of Endocrine Surgeons** takes place in full compliance with the current health protocols for the organization of conferences set by all component authorities. In this respect, all necessary guidelines regarding safety distances and maximum space capacity will be followed.

For that reason, all participants are kindly requested to wear a face mask in all meeting rooms and indoor areas.

Participants who need to present a negative PCR or rapid antigen test at the airport upon their departure (in case this is a prerequisite by the country of destination) are kindly requested to proceed to the Congress Secretariat for further information.

DISCLAIMER

The European Society of Endocrine Surgeons, the Organizing Committee and the PCO, AFEA Travel & Congress Services accept no liability for any personal injury, loss or damage of property or additional expenses incurred to congress participants either during the congress or as a result of delays, strikes or any other circumstances. In addition, they accept no liability for illness (including death) from infectious diseases, including but not limited to COVID-19 during or after the congress dates. Participants are requested to make their own arrangements with respect to health and travel insurance.

SOCIAL EVENTS

Welcome Reception

When: Friday, May 27th @ 20.00

Where: Exhibition area, Divani Caravel Hotel

All registered participants and sponsors are invited to attend

Gala Dinner

When: Saturday, May 28th @ 20.00

Where: Restaurant of the Acropolis Museum

The dinner will take place in the restaurant of the Acropolis Museum following

a guided tour in the museum.

19.45 Bus departure from Divani Caravel Hotel 20.00 Guided tour to the Acropolis Museum

Dinner will follow

Delicious traditional recipes and local, protected-designation-oforigin products are combined with melodic delights and exquisite views: the unique Parthenon on the Acropolis and the impressive archaeological excavation displayed beneath the Museum. With a breathtaking and panoramic views of the Acropolis and Athens' other historic hills, the Acropolis restaurant. Museum ambassador of Greek culinary culture, waits for all ESES 2022 congress participants!



SPEAKERS - CHAIRS INDEX

Barczynski Marcin

Professor of Surgery, Jagiellonian University Medical College, Krakow, Poland

Bergenfelz Anders

Professor of Surgery, Consultant Surgeon in Endocrine and Sarkoma Surgery, Lund University, Sweden

Bränström Robert

Senior Consultant, Karolinska University Hospital, Sweden

Dionigi Gianlorenzo

Professor of Surgery, Director, Division of General Surgery, Head of the Endocrine Surgery Unit, University of Milan, Italy

Gimm Oliver

Professor of Surgery, Head of the Division of Surgery, Linköping University, Sweden

Gomez - Ramirez Joaquin

Associate Professor of Surgery, Coordinator of Endocrine and Breast Surgery Unit, University Hospital La Paz, Spain

lacobone Maurizio

Associate Professor of Surgery, Endocrine Surgery Unit. Department of Surgery, Oncology and Gastroenterology, University of Padova, Italy

Professor of Surgery, Second Department of Surgery, Medical School, Aristotle University of Thessaloniki, Greece

Linos Dimitrios

Professor of Surgery, University of Athens, Greece

Professor of Surgery, Department of Visceral, Vascular, and Endocrine Surgery, Head of Endocrine Surgery Unit, Martin-Luther University of Halle-Wittenberg, Halle an der

Markogiannakis Charidimos

Consultant Surgeon, Department of Endocrine Surgery, 1st Department of Propaedeutic Surgery, Hippocration General Hospital, Athens Medical School

Professor of Molecular Endocrinology, University of Birminaham, UK

Consultant Surgeon in Endocrine Surgery, Oxford University Hospitals NHS Foundation Trust, UK

Nilsson Inga- Lena

Senior Surgeon, Karolinska University Hospital, Sweden

Palazzo Fausto

Professor of Surgery, Consultant Endocrine Surgeon, Hammersmith Hospital, Imperial College Healthcare, UK

Associate Professor of Surgery, 1st Teaching Surgery Clinic, AHEPA Hospital, Medical School, Aristotle University of Thessaloniki, Greece

Professor of Surgery, Head of the Department of General and Endocrine Surgery, Lille University Hospital, France

Pearce Simon

Professor of Endocrinology, Translational & Clinical Research Institute, Faculty of Medical Sciences, Newcastle University, UK

Raffaelli Marco

Professor of Surgery, Head of Endocrine and Metabolic Surgery, Policlinico Universitario Agostino Gemelli IRCCS,

Roukounakis Nikolaos

Director, 1st Department of General Surgery and Organ Transplantation Unit, Evangelismos Hospital, Athens, Greece

Sancho Joan

Professor of Surgery, Hospital Del Mar, Spain

Sapalidis Konstantinos

Associate Professor of Surgery, Third Department of Surgery, Medical School, Aristotle University of Thessaloniki Greece

Scott-Coombes David

Consultant in Endocrine Surgery, University Hospital of Wales, UK

Sitges-Serra Antonio

Emeritus Professor of Surgery, Hospital Del Mar, Spain

Stechman Michael

Consultant in General and Endocrine Surgery, Department of Endocrine Surgery, University Hospital of Wales, Cardiff, UK

Triponez Frédéric

Professor of Surgery, Director of the Department of Surgery, Thoracic and Endocrine Surgery, University of Geneva, Switzerland

Tunca Fatih

Professor of Surgery, Istanbul University, Istanbul Medical Faculty, Turkey

Vamvakidis Kvriakos

Director, Department of Endocrine Surgery, "Henry Dunant" Hospital Center, Athens, Greece

Van Slycke Sam

Consultant Surgeon in General and Endocrine Surgery, OLV Clinic Aalst, Belgium

Villar del Moral Jesus

Associate Professor of Surgery, Head of the Department of Surgery, Virgen De Las Nieves University Hospital, Granada, Spain

Walz Martin

Professor of Surgery, Head of Department for Surgery and Centre of Minimal Invasive Surgery, Academic Hospital of the University of Duisburg-Essen, Germany

Zedenius Jan

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Professor of Surgery, Karolinska Institute, Sweden

Zografos Georgios N.

Director, Third Department of General Surgery, "G. Genimmatas" General Hospital, Athnes, Greece

SPEAKERS' BIOGRAPHIES

Kerstin Lorenz

Professor Kerstin Lorenz is Chief of the Endocrine Surgery Unit and Deputy Director of the Department of Visceral-Vascular and Endocrine Surgery at the Martin-Luther-University of Halle-Wittenberg. After graduating from medical school in Hamburg, she attended a clinical research fellowship at Brown University, Rhode Island Hospital, Providence in the USA. She trained in general surgery at the University Clinic of Halle and became consultant surgeon in 2004. She completed her habilitation in 2009 and became full Professor in Endocrine Surgery in the University of Halle-Wittenberg in 2017. She is Fellow of the Division of Endocrine Surgery (FEBS-Endo) after successful participation in the Endocrine Surgery EBSQ Exams in 2004, in which she is currently the Chairman of its Board. Prof. Kerstin Lorenz has a wealth of experience in thyroid and parathyroid surgery, performing extensive surgeries like systematic lymphadenectomies and re-operations for thyroid cancer. She is a member of many national and international societies including the European Society of Endocrine Surgeons (ESES), in which she held the position of Recorder of the Executive Council for four years (2014-2018).

Chris McCabe

Chris McCabe is Professor of Molecular Endocrinology at the University of Birmingham, a Deputy Director of the IMSR and Theme Lead for Endocrinology. The research of the McCabe group focuses on proto-oncogenes in thyroid and breast cancers, mechanisms of aneuploidy and genetic instability, and the action of the sodium iodide symporter NIS in thyroid and breast tumours.



The McCabe group currently holds funding from numerous funders including the Medical Research Council, NIHR and the Department of Defense. Members of the group include a Consultant Clinician, a Surgical Lecturer, a Senior Research Fellow, 4 PhD students, and an MRC technician. He has published extensively, winning several journal awards.

Chris was until recently Chair of the Wellcome Trust Basic Science Interview Committee (BSIC), and before that served for several years as a panel member of BSIC as well as being co-opted onto the Wellcome Clinical Committee. He was Chair of the Science Committee, and previously the Programme Committee, for the Society for Endocrinology. He is an Associate Editor of Endocrine Related Cancer, and a member of multiple national and international committees including the International Congress for Endocrinology POC and the Science Committee of the European Society for Endocrinology. He is currently co-chairs the American Thyroid Association POC.

Fausto Palazzo MS FRCS (Eng) FRCS(Gen/Endocrine

Fausto Palazzo is clinical lead for Endocrine & Thyroid Surgery at Hammersmith Hospital and professor at Imperial College London. He leads the UK's largest department of endocrine surgery and lectures undergraduates and postgraduates in the UK and overseas. He has published over 150 peer reviewed articles on all aspects of endocrine disease. He has previously been on the executive of the BAETS for 9 years, is UK delegate to the ESES and is currently on the Council of the IAES. He has been an advisor on UK and international endocrine guidelines, NICE for primary hyperparathyroidism and surgical advisor on commissioning of adrenal services in England.

SPEAKERS' BIOGRAPHIES

Simon Pearce, MD, FRCP

Professor of Endocrinology, Translational & Clinical Research Institute, Faculty of Medical Sciences, Newcastle University; Newcastle upon Tyne, United Kingdom

Simon Pearce qualified in Medicine MB,BS 1st class honours from Newcastle University. Following internal medicine training in Newcastle, Leeds and London, he undertook postgraduate training in endocrinology at the Royal Postgraduate Medical School, Hammersmith, London (MD degree awarded with distinction); Brigham

& Women's Hospital, Boston, USA; and latterly as a Wellcome Trust Advanced fellow in Newcastle, UK. He is the Editor-in-Chief for European Thyroid Journal, and currently President of the British Thyroid Association (2020-2022). The main themes of his research programme are to finding new treatments for Graves' disease and Addison's disease, understanding the basis for autoimmune endocrine disease and improving the long-term management of thyroid diseases. He has published more than 200 papers, with a 2021 H-index of 55 (Clarivate/ISI).

Frédéric Triponez

Frédéric Triponez finished his medical school in Geneva in 1996. He completed his residency in general surgery in Geneva and then spent one year in Lille, France by prof C.A. Proye, and one year in San Francisco by prof O. Clark. When returning in Geneva in 2005, he developed the endocrine surgery unit, making it the biggest center for thyroid and parathyroid surgery in Switzerland. He also specialized in thoracic surgery and spent 2 years in Paris by prof J.F.

Regnard.

He was appointed head of the department of Thoracic and Endocrine Surgery at the University Hospitals of Geneva in December 2013 and full professor of surgery at the Faculty of Medicine of Geneva. Since 2018, he is also chairman of the department of surgery.

His current areas of research relate to the development of innovative techniques to preserve the parathyroid function during thyroid and parathyroid surgery, aiming at decreasing the rate of post-thyroidectomy hypoparathyroidism.

Martin K. Walz

Professor Martin K. Walz is Head of the Department of Surgery and the Centre of Minimally invasive Surgery at the Kliniken Essen-Mitte, Germany.

After medical school in Frankfurt, he started his professional career at the Institute of Pathology of the University of Essen-Duisburg. In 1984, he changed to the Centre of Surgery of the University Hospital of Duisburg-Essen (cardiac surgery, orthopaedic surgery, general and transplant surgery) and passed the exams as a general surgeon in 1991. From 1992 to 1999 he served as a consultant (Oberarzt) at the Department of General Surgery of the University Hospital in Essen.

Since 1999, Prof. Martin K. Walz is Head of the Department of Surgery and from 2016 to 2020 Medical Director at the Kliniken Essen-Mitte.

He became MD in 1985 and PhD in 1997. In 2002 he was elected as Professor of Surgery of the University of Essen. He is member and honorary member of many scientific societies including the European Society of Endocrine Surgeons since 2004.

Prof. Martin Walz has mainly influenced the surgery of the adrenal glands as he inaugurated the posterior retroperitoneoscopic approach.



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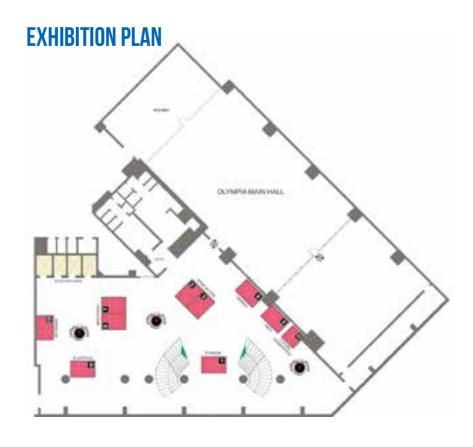














POSTERS

PP001 LONG-TERM RESULTS OF ADRENALECTOMY IN A 1.1-YEAR-OLD GIRL WITH CUSHING'S SYNDROME

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PP002 ANTERIOR ADRENALECTOMY: REVIEW AFTER 10 YEARS IN A SPECIALIZED UNIT

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PP003 INFLUENCE OF OBESITY AND VISCERAL FAT ON COMPLICATION RATE IN LAPAROSCOPIC ADRENALECTOMY, STILL AN ISSUE?

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PP004 A COMPARISON OF SHORT-TERM OUTCOMES OF LAPAROSCOPIC AND ROBOTIC SURGERY ON ADRENAL TUMORS

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PP005 PHEOCHROMOCYTOMA ASSOCIATED TO IGG4-RELATED DISEASE:
A CASE REPORT

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PP006 CARNEY COMPLEX WITH PRIMARY PIGMENTED NODULAR ADRENAL DISEASE: UNEXPECTED ADRENAL INSUFFICIENCY AFTER UNILATERAL ADRENALECTOMY

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PP007 TRANSITION FROM TRANSPERITONEAL LAPAROSCOPIC TO RETROPERITONEOSCOPIC ADRENALECTOMY – A SINGLE CENTRE EXPERIENCE

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PP008 FEASIBILITY OF POSTERIOR RETROPERITONEOSCOPIC ADRENALECTOMY FOR TUMORS >6CM

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PP009 ADRENALECTOMY FOR PHEOCHROMOCYTOMA WITHOUT PREOPERATIVE ALPHA-ADRENERGIC BLOCKADE DOES NOT RESULT IN INCREASED HEMODYNAMIC INSTABILITY

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PP010 THE CHANGE IN SURGICAL PRACTICE FROM CONVENTIONAL OPEN TO MINIMALLY INVASIVE ADRENALECTOMY IN THE PAST 30 YEARS IN A TERTIARY REFFERRAL ENDOCRINE SURGERY CENTER

F Tunca, **A Doylu**, B Atalay, Y Iscan, IC Sormaz, Y Giles Senyurek 'Endocrine Surgery Department, Istanbul University, Istanbul, Turkey

PP011 EPIDIMIOLOGICAL DATA, CLINICAL PRESENTATION AND GENETIC PREDISPOSITION OF PHEOCHROMOCYTOMAS/PARAGAGGLIOMAS IN GREECE

E Kofopoulos Lymperis¹, A Paspala¹, D Papakostantinoy¹, M Chrisoulaki², M Peppa³,

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P012 ADRENAL SCHWANNOMA: AN UNEXPECTED FINDING AFTER ADRENALECTOMY

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P013 17 YEARS OF LAPAROSCOPIC ADRENALECTOMIES-311 ADRENALECTOMIES

C Kyzeridis, M Sotiropoulou, D Vasiliadou, N Ntargakis, M Psarologos, E Kefalou, D Stergiou, T Kratimenos, S Tsagarakis, S Kapiris '3rd Surgical, Evaggelismos, Athens, Greece

PP014 PREVALENCE OF RADIOLOGICAL AND ANATOMOPATHOLOGICAL CORRELATION OF ADRENAL INJURIES (2000-2020)

P Laguna Hernández, F Mañes Jiménez, M Bru Aparicio, B Matías García, R Alvarado Hurtado, S Soto Schütte, Y Allaoua Moussaoui, R Díaz Pedrero, T Ratia Giménez, A Gutiérrez Calvo

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PP015 ADRENAL CYSTIC LESIONS: REPORT OF 6 SURGICALLY TREATED CASES AND REVIEW OF THE LITERATURE

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PP016 ADRENOCORTICAL CARCINOMAS DURING THE PERIOD 2010 – 2020

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PP017 UNUSUAL CASES OF ADRENALECTOMY

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PP018 PREDICTORS OF POSTOPERATIVE COMPLICATIONS AFTER ADRENALECTOMY

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PP019 LAPAROSCOPIC ADRENALECTOMY FOR METASTATIC DISEASE

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PP020 A RARE CASE OF PRIMARY ADRENAL LYMPHOMA MANIFESTING IN A PREEXISTING ADRENAL MYELOLIPOMA

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PP021 STATISTICAL REVISION OF ADRENAL SURGERY: 6-YEAR EXPERIENCE OF A GENERAL SURGERY DEPARTMENT IN A TERTIARY HOSPITAL

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PP022 RETROPERITONEAL VIDEO-ASSISTED VS TRANSPERITONEAL LAPAROSCOPIC ADRENALECTOMY: LONG-TERM OUTCOMES AND HEALTH-RELATED QUALITY OF LIFE IN NIGUARDA HOSPITAL EXPERIENCE

M Boniardi¹, **O Quagli**^{1,2}, L Lorusso^{1,2}, G Abruzzese^{1,2}, I Pauna¹, S Andreani¹, PSL Aiello¹, M lacobone³, G Cavallaro⁴, G Ferrari¹

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PP023 LAPAROSCOPIC ADRENALECTOMY IN FUNCTIONING VERSUS NON-FUNCTIONING TUMOR: ARE THERE DIFFERENCES?

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P024 CURRENT LIMITATIONS IN LAPAROSCOPIC ADRENALECTOMY

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PP025 PROSPECTIVE EVALUATION OF 100 3D LAPAROSCOPIC ADRENALECTOMIES

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PP026 VALUE OF DRAINS IN SELECTIVE LATERAL NECK DISSECTIONS IN THYROID CANCER

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PP027 DIAGNOSTIC LYMPH NODE EXCISION OF THE LATERAL NECK COMPARTMENT MAY PREVENT OVERTREATMENT IN PATIENTS WITH MEDULLARY THYROID CANCER

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PP028 EVALUATION OF BRAF V600E AND TERT MUTATION ANALYSIS IN DIFFERENTIAL THYROID CANCERS IN ENDEMIC REGION POPULATION

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P029 PERCENTAGE OF MALIGNANCY IN BETHESDA III AND IV THYROID NODULES

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PP030 RISK OF RECURRENCE AMONG PATIENTS WITH MULTIFOCAL PAPILLARY THYROID CARCINOMA IS NOT INFLUENCED BY THE PRESENCE OF THYROIDITIS

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PP031 RISK FACTORS FOR HYPOPARATHYROIDISM IN PEDIATRIC PATIENTS TREATED FOR THYROID CANCER

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P032 THE THERANOSTIC TARGET ALPHA-V-BETA-3 IS LARGELY EXPRESSED IN MEDULLARY THYROID CARCINOMA

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PP033 HEMITHYROIDECTONY VERSUS TOTAL THYROIDECTOMY IN THE INTERMEDIATE RISK DIFFERENTIATED THYROID CANCER: THE ITALIAN SOCIETIES OF ENDOCRINE SURGEONS AND SURGICAL ONCOLOGY MULTICENTRIC STUDY

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PP034 NON-RECURRENT LARYNGEAL NERVE DURING INTRAOPERATIVE NEUROMONITORING THYROIDECTOMY: A CASE REPORT AND LITERATURE REVIEW

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PP035 POST-TOTAL THYROIDECTOMY HYPOCALCEMIA: ANALYSIS OF COMPLICATIONS. A RETROSPECTIVE STUDY IN OUR CENTER

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PP036 METASTASIS OF COLORECTAL ADENOCARCINOMA IN THE THYROID GLAND

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PP037 ANAPLASTIC LYMPHOMA KINASE GENE MUTATION IN POORLY DIFFERENTIATED THYROID CANCER

JG Girones, JI Rodriguez-Hermosa, J García-Adamez, A Ranea, E Garcia Moriana, G Ferret, CL Codony, M Pujades de Palol, C Farres, A Codina-Cazador 'General Surgery, Hospital Universitari Dr Josep Trueta de Girona, Spain

PP038 RATIONALE TO POSTPONE RAI-ABLATION IN SELECTED PATIENTS WITH T1AN1AMX PAPILLARY CANCER

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PP039 HYPERTENSIVE HEADACHE AS A FORM OF PRESENTATION OF ADVANCED THYROID CANCER

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PP040 THE PROBABILITY OF COMPLETION THYROIDECTOMY IN 1-4 CM PAPILLARY THYROID CANCER PREOPERATIVELY ELIGIBLE FOR LOBECTOMY

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P041 THE IMPACT OF USING INTRAOPERATIVE NEUROMONITORING DURING THYROID SURGERY ON POSTOPERATIVE THYROGLOBULIN LEVELS AND RESPONSE TO TREATMENT IN PATIENTS WITH PAPILLARY THYROID

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PP042 DIAGNOSIS OF PTC. IS IT TIME TO RECONSIDER?

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PP043 THYROGLOSSAL DUCT/ CYST CARCINOMA: A CASE SERIES

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PP044 CLINICAL IMPLEMENTATION OF POSTERIOR CAROTID-JUGULAR LYMPH NODES IN PAPILLARY THYROID CANCER

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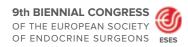
P046 THE FROZEN SECTION OF CENTRAL NECK LYMPH NODES HELPS TO IDENTIFY HIGH-RISK CANCER IN PATIENTS WITH PREOPERATIVELY DIAGNOSED LOW-RISK DIFFERENTIATED THYROID CARCINOMA

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PP047 BE(A)WARE OF LEUCOCYTOSIS IN PAPILLARY THYROID CANCER

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PP049 DO DREADFUL COMPLICATIONS STILL OCCUR DURING THYROIDECTOMY?

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PP050 POORLY DIFFERENTIATED THYROID CARCINOMA WITH SUPERIOR VENA CAVA THROMBUS CAUSING LIFE THREATENING ACUTE VENOUS INGESTION AND ASPHYXIA - A PRESENTATION OF 2 CASES

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PP051 THYROID MALIGNANCY RATE IN BETHESDA III AND IV CATEGORY NODULES

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PP052 PAPILLARY THYROID MICROCARCINOMA –
ANALYSIS OF ENDOCRINE UNIT DATA

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PP053 THYROID PAPILLARY CANCER, HYPERTHYROIDISM
AND PARATHYROID ADENOMA IN A PATIENT WITH WILSON'S DISEASE;
HINTS FOR A POSSIBLE ASSOCIATION

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PP054 SYNCHRONOUS AND METASTATIC PAPILLARY AND MEDULLARY THYROID CARCINOMAS PRESENTING ONE YEAR POST GASTRECTOMY FOR GIANT HYPERTROPHIC GASTROPATHY IN A WOMAN

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PP055 EVALUATION OF LOBECTOMY FOR WELL DIFFERENTIATED THYROID CANCER

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PP056 BILATERALITY, NOT MULTIFOCALITY, IS AN INDEPENDENT RISK FACTOR FOR RECURRENCE IN LOW-RISK PAPILLARY THYROID CANCER

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PP057 THREE-DIMENSIONAL SURGICAL PLANNG IN RECURRENCE PAPILLARY
THYROID CANCER SURGERY

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PP058 ENDOCRINE SURGERY UNIT ACREDITATION USING REDCAP AS MODEL-BASED DATA COLLECTION

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P059 EXTENSION OF LYMPH NODE DISSECTION IN MEDULLARY THYROID CANCER, IS PREOPERATIVE BASAL CALCITONIN THE MOST PREDICTING CRITERIA?:

A CASE REPORT

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PP060 HOW CAN A SINGLE PREOPERATIVE BLOOD ANALYSIS BE ASSOCIATED WITH CLINICOPATHOLOGICAL FEATURES AND PROGNOSIS IN PATIENTS WITH PAPILLARY THYROID CARCINOMA?: A META-ANALYSIS

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PP061 PREDICTIVE FACTORS FOR SKIP METASTASIS TO THE LATERAL LYMPH
NODE COMPARTMENT IN PAPILLARY THYROID CARCINOMA AND POSSIBLE
CONSEQUENCES IN DECISION MAKING

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PP062 TREATMENT AND FOLLOW-UP OF PATIENTS WITH STRUMA OVARII: A SINGLE CENTER EXPERIENCE

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P063 TIME FOR SELF-INITIATED FOLLOW-UP FOR PATIENTS WITH UNMEASURABLE STIMULATED THYROGLOBULIN BEFORE RADIOACTIVE IODINE ABLATION?

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P064 HIGH-RISK PAPILLARY THYROID MICROCARCINOMA IN PATIENTS OPERATED FOR BENIGN THYROID DISEASE

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OUTCOMES OF SHAVE VERSUS TRANSECTION OF INVOLVED RECURRENT LARYNGEAL NERVE IN PAPILLARY THYROID CANCER

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PP066 PREDICTIVE VALUE OF CALCIUM LOADING TEST FOR PREOPERATIVE DIAGNOSIS OF MEDULLARY THYROID CARCINOMA IN PATIENTS WITH MODERATELY ELEVATED BASAL CALCITONIN

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SINGLE-CENTER EXPERIENCE FOR THYROID CARTILAGE NEEDLE ELECTRODE USE IN INTRAOPERATIVE NEUROMONITORING DURING THYROID SURGERY

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PP068 THE NEED OF COMPLETION THYROIDECTOMY IN CASES UNDERGOING **HEMITHYROIDECTOMY**

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STAGED THYROIDECTOMY DUE TO LOSS OF SIGNAL DURING MONITORED THYROIDECTOMY

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PP070 THE IMPACT OF AGE ON LONG-TERM OUTCOMES OF PAPILLARY THYROID **CANCER: A NATIONWIDE STUDY**

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PPN71 THE LONG-TERM ONCOLOGICAL OUTCOMES OF PEDIATRIC DIFFERENTIATED THYROID CANCER

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CAN PREOPERATIVE ULTRASOUND MAPPING BECOME ROUTINE IN CLINICAL PRACTICE? PRELIMINARY STUDY

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PP073 SOMATIC MUTATIONAL PROFILE OF PAPILLARY THYROID CARCINOMA IN **BULGARIAN POPULATION**

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DOUBLE TROUBLE: MULTIPLE PAPILLARY CARCINOMAS IN CERVICAL AND MEDIASTINAL THYROIDS

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THE SIGNIFICANCE OF PROPHYLACTIC CENTRAL NECK DISSECTION IN THE TREATMENT OF WELL DIFFERENTIATED THYROID CANCER: A SINGLE CENTER RESULTS OF COMPLICATIONS AND MICROMETASTASIS OCCURENCE

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PP076 PRIMARY SQUAMOUS CELL CARCINOMA OF THE THYROID: CASE REPORT

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ANALYSIS OF MALIGNANCY PREDICTORS FOR FOLLICULAR THYROID TUMORS

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PANDORA-2 PROTOCOL: INTERVENTION STUDY TO IMPROVE QUALITY OF LIFE IN PATIENTS WITH SMALL (≤2 CM) NON-FUNCTIONAL PANCREATIC **NEUROENDOCRINE TUMORS**

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A SYSTEMATIC REVIEW OF CLINICAL PREDICTION MODELS FOR RECURRENCE IN PATIENTS WITH RESECTABLE GRADE 1 AND 2 NON-FUNCTIONAL PANCREATIC NEUROENDOCRINE TUMORS: A SYSTEMATIC REVIEW AND **META-ANALYSIS**

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PP085 QUALITY OF LIFE IN 101 PATIENTS WITH MEN 1 SYNDROME. HOW IS PANCREATIC PATHOLOGY INFLUENCED?

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PP086 OUR EXPERIENCE IN NEUROENDOCRINE PANCREATIC TUMORS

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PP087 INDOCYANINE GREEN FLUORESCENCE GUIDED RESECTION OF NEUROENDOCRINE LIVER METASTASES: A PROOF-OF-CONCEPT STUDY

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PP088 TUMOUR-SPECIFIC FLUORESCENCE-GUIDED SURGERY FOR GASTROENTEROPANCREATIC NEUROENDOCRINE NEOPLASMS USING PHT001: A PHASE 0. OPEN-LABEL. SINGLE-ARM. MICRODOSING STUDY –

PHOTON-TRIAL

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P089 THE FIRST CASE REPORT OF A DE-NOVO PURELY PROSTATIC LARGE CELL NEUROENDOCRINE CARCINOMA WITH THYROID AND ADRENAL METASTASES

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PP090 PANCREATIC NEUROENDOCRINE TUMORS: RESULTS OF THE LAST DECADE

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PP091 NEUROENDOCRINE TUMORS OF THE GASTROINTESTINAL SYSTEM DURING THE LAST 10 YEARS

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PP092 SURGERY FOR PANCREATIC NEUROENDOCRINE NEOPLASMS WITH SIZE ≥ 4 CM

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PP093 GOBLET CELL CARCINOID TUMOR OF THE APPENDIX – CASE REPORT

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PP094 A RARE CASE OF WIRELESS ENDOSCOPY CAPSULE RETENTION CAUSING INTESTINAL OBSTRUCTION IN A PATIENT WITH SMALL BOWEL

NEUROENDOCRINE TUMOR

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P095 PREOPERATIVE PROPHYLACTIC ACTIVE VITAMIN D TO STREAMLINE TOTAL THYROIDECTOMY

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P096 MALIGNANCY RATE AND COMPLICATIONS IN INTRATHORACIC GOITER-A NATIONWIDE COHORT STUDY

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PP097 FIRST TOETVA-RESULTS OF THE CAEK STUDY GROUP FOR ENDOSCOPIC THYROID SURGERY

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PP098 LARGE GOITERS AND HYPOPARATHYROIDISM, ALWAYS HAND IN HAND?

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PP099 FASTER LEVOTHYROXINE DOSAGE ADJUSTMENT WITH PHARMACOKINETIC/ PHARMACODYNAMIC MODELING

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PP100 TIME OF DETERMINATION OF PERIOPERATIVE PARATOHORMONE IN PATIENTS UNDERTAKEN FOR TOTAL THYROIDECTOMY FOR BENIGN PATHOLOGY

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PP101 IPTH LEVEL AND POSTOPERATORY HYPOCALCEMIA AFTER TOTAL THYROIDECTOMY

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PP102 NEUROMONITORING FOR THE LOCALIZATION OF THE SUPERIOR LARYNGEAL NEDVE

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PP103 ROLE OF ULTRASONOGRAPHY IN PREDICTING FOLLICULAR THYROID NEOPLASM WITH PAPILLARY-LIKE NUCLEAR FEATURES

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PP104 IMPACT OF ENERGY-BASED DEVICES IN PEDIATRIC THYROID SURGERY

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PP105 PEDIATRIC ENDOCRINE SURGERY: A 15-YEARS EXPERIENCE IN PISA

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PP106 NON-RECURRENT LARYNGEAL NERVE IN THE ERA OF INTRAOPERATIVE NERVE MONITORIZATION

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PP107 IMPACT OF ENDOCRINE SURGERY TRAINING ON PROFESSIONAL GROWTH AND SATISFACTION: A REFLECTION FROM THE ENDOCRINE SURGEONS OF INDIA

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PP108 THE EFFECTIVENESS OF PREOPERATIVE CALCIUM AND VITAMIN D SUPPLEMENTATION IN PREVENTION OF POSTOPERATIVE HYPOCALCAEMIA IN PATIENTS UNDERGOING TOTAL THYROIDECTOMY.

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PP109 RAPIDLY GROWING CERVICAL CYST PRESENTING WIH ACUTE OBSTRUCTIVE SYMPTOMS. WHO NEEDS A HERO?

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PP110 PATIENTS OPERATED FOR PRESUMED BENIGN, LARGE OR GROWING THYROID NODULES, HAVE A HIGH LIKELIHOOD OF SIGNIFICANT SYNCHRONOUS THYROID CANCERS

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PP111 RIEDEL'S THYROIDITIS: PITFALLS IN DIANGOSIS AND SUBSEQUENT COMPLICATIONS - A CASE REPORT

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PP112 ROLE OF INTRAOPERATIVE CRICOTHYROID MUSCLE ELECTROMYOGRAPHY DURING DISSECTION OF SUPERIOR POLE IN THYROIDECTOMY FOR PRESERVATION OF EXTERNAL BRANCH OF SUPERIOR LARYNGEAL NERVE

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P114 VITAMIN D DEFICIENCY IN PATIENTS SCHEDULED FOR ENDOCRINE SURGERY

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PP116 "COLLOID LEAK"-A LIGHTENING EFFECT DURING THYROIDECTOMY

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PP117 HEMITHYROIDECTOMY FOR BENIGN MULTI NODULAR GOITRES-IS IT FEASIBLE IN IODINE DEFICIENT BELT?

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PP118 SUBSTERNAL GOITER CASE SERIES REPORT AND REVIEW OF PUBLISHED LITERATURE

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PP119 ENHANCING TOTAL THYROIDECTOMY IN AMIODARONE-INDUCED THYROTOXICOSIS. RESULTS FROM A NATIONAL SURVEY

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PP120 MORPHOLOGICAL TYPES OF ANEMIA AND AUTOIMMUNITY IN PATIENTS WITH **GRAVES DISEASE**

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PP121 ANESTHESIA BASED ON PROPOFOL IN THYROID SURGERY BY USING THE LARYNGEAL MASK AIRWAY

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PP122 THYROID PARAGANGLIOMA - AN EXTREMELY RARE FINDING

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PP123 NEUROMONITORING AND SIGNAL LOSS DURING THYROIDECTOMY:SURGICAL **PLAN OPTIONS**

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PP124 SUPPLEMENTATION OF CALCIUM AND/OR CALCITRIOL IS COST-EFFECTIVE STRATEGY FOR POST-THYROIDECTOMY HYPOCALCAEMIA

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INTRODUCING ROUTINE INTRAOPERATIVE NERVE MONITORING IN A HIGH-VOLUME ENDOCRINE SURGERY CENTRE: A HEALTH TECHNOLOGY **ASSESSMENT**

FP Prete, LI Sqaramella, G Di Meo, A Pasculli, G Calculli, E Fischetti, A Gurrado, M Testini Department of Biomedical Sciences and Human Oncology, University Medical School of Bari, Bari, Italy

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PP127 THYROIDECTOMY VIA UNILATERAL AXILLO-BREAST APPROACH (UABA) WITH GAS INSUFFLATION: A PROSPECTIVE MULTICENTER EUROPEAN STUDY

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PP128 RECURRENT LARYNGEAL NERVE (RLN) INJURY: NERVE RECOVERY ASSESSED BY SIMULTANEOUS USE OF ELECTROMYOGRAPHY AND VOCAL CORD **ACCELEROMETRY**

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INCIDENCE AND PROGNOSIS OF CONTRALATERAL VOCAL FOLD PALSY AFTER HEMITHYROIDECTOMY IN PREVIOUSLY UNOPERATED PATIENTS

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PP130 **NECROTIZING FASCIITIS AFTER THYROID RESECTION – A CASE REPORT**

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PP131 THE IMPACT OF COVID-19 ON THE TRAINING OF ENDOCRINE SURGICAL RESIDENTS IN GREECE: A SURVEY ONE YEAR AFTER THE EMERGE OF THE PANDEMIC

E Pavlidis, K Stavrati, K Psarras, N Symeonidis, M Meitanidou, C Nikolaidou, A Andreou, A Marneri, T Pavlidis

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PP132 REFLECTION OF THE COVID-19 PANDEMIC TO REMOTE ACCESS THYROID AND PARATHYROID SURGERY

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PP133 EFFECTIVENESS OF A SINGLE PORT TECHNIQUE ON TRANSORAL ENDOSCOPIC THYROIDECTOMY VESTIBULAR APPROACH (TOETVA): A PRECLINICAL STUDY IN TWO HUMAN CADAVERS

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PP134 PRIMARY THYROID TUBERCULOSIS: A CASE REPORT

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PP135 THE USEFULNESS OF THE PARATHORMONE LEVELS AT THE END OF THYROID SURGERY IN PREDICTING THE NEED OF CALCIUM SUPPLEMENTATION

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PP136 FEASIBILITY AND SAFETY OF AMBULATORY TRANSORAL ENDOSCOPIC T HYROIDECTOMY VIA VESTIBULAR APPROACH (TOETVA)

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PP137 RELEVANCE OF PREOPERATIVE PARATHYROID HORMONE VALUE FOR TRANSIENT, PROTRACTED AND PERMANENT HYPOPARATHYROIDISM AFTER TOTAL THYROIDECTOMY

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PP138 PERIOPERATIVE FACTORS IMPLICATED IN THE NEED OF HORMONAL REPLACEMENT AFTER THYROID LOBECTOMY.

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PP139 RECURRENT LARYNGEAL NERVE ANATOMY VARIATIONS AS A RISK FACTOR OF INJURY: A MULTICENTER STUDY

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HOW LONG DOES IT TAKE TO REGAIN NORMOCALCAEMIA IN POST-THYROIDECTOMY HYPOPARATHYROIDISM - A DETAILED ANALYSIS OF TIME COURSE AND RISK-FACTORS

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PP142 EMERGENCY ENDOCRINE SURGERY: CERVICAL HEMORRHAGE DUE TO PARATHYROID ADENOMA

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PP143 FEASIBILITY OF AUTOFLUORESCENCE USING ELEVISION™ FOR THE DETECTION OF PARATHYROID GLANDS: STANDARDS AND CLINICAL APPLICABILITY

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PP144 EFFICIENCY OF SURGEON PERFORMED ENDOSCOPIC ULTRASONOGRAPHY IN CASES WITH NON-LOCALIZED PARATHYROID ADENOMA: INITIAL REPORTS

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PP145 PARATHYROID ADENOMA IN PREGNANT WOMEN

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PP146 NEAR INFRARED IMAGING OF PARATHYROIDS - EFFECT ON AUTOTRANSPLANTATIONRATE AND POSTOPERATIVE HYPOPARATHYREOIDISM

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PP147 URGENT PARATHYROIDECTOMY DUE TO SEVERE HYERCALCEMIA IN PREGNANT WOMAN

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PP148 INADVERTENT PARATHYROIDECTOMY RATE DURING THYROID SURGERY

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PP149 SPORADIC PRIMARY HYPERPARATHYROIDSM WITH NORMAL

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PP150 MISSION IMPOSSIBLE: FINDING AN ECTOPIC PARATHYROID

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PP151 PARATHYROID CARCINOMA: THE OPTIMISTIC STORY OF 9 YEARS REPEATED SURGERY

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PP152 PHPT WITH PANCREATITIS: ATYPICAL PRESENTATION OF PHPT

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PP153 PARATHYROID CARCINOMA AND MEN1

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PP154 DIFFERENCES IN QUALITY OF LIFE AND NEUROCOGNITIVE SYMPTOMS BETWEEN SPORADIC AND FAMILIAL HYPERPARATHYROIDISM

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PP155 DO WE NEED TO DETERMINATE INTRAOPERATIVE PTH ROUTINELY?

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PP156 OUR EXPERIENCE ABOUT PRIMARY HYPERPARATHYROIDISM

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PP157 THE IMPORTANCE OF THE DETERMINATION OF IONIZED CALCIUM FOR THE DIAGNOSIS OF PRIMARY HYPERPARATHYROIDISM

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PP158 DIFFERENCES IN PRIMARY HYPERPARATHYROIDISM BETWEEN CHILDREN, ADOLESCENTS AND ADULTS

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PP159 "STARRY SKY" AUTOFLUORESCENCE IN PARATHYROMATOSIS – A CASE REPORT

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PP160 METASTASIS TO THE PARATHYROID ADENOMA – CASE REPORT

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PP162 PARATHYROID SEARCH ALGORITHM FOR THE YOUNG SURGEONS IN THE PRIMARY HYPERPARATHYROIDISM

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PP163 OSTEITIS FIBROSA CYSTICA A RARE PRESENTATION OF PRIMARY HYPERPARATHYROIDISM

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PP164 ACUTE HYPERPARATHYROID CRISIS

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P165 GIANT MEDIASTINAL PARATHYROID ADENOMA. REVIEW OF LITERATURE

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PP166 MINIMAL INVASIVE PARATHYROIDECTOMY AND INTRAOPERATIVE PARATHYROID HORMONE MONITORING

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PP167	ASSOCIATION BETWEEN BREAST CANCER AND PRIMARY
	HYPERPARATHYROIDISM

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PP168 ECTOPIC INTRAVAGAL ADENOMA CAUSING PERSISTENT SEVERE HYPERPARATHYROIDISM

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PP169 VITAMIN D DEFICIENCY REDUCES RISK OF PROTRACTED POST-THYROIDECTOMY HYPOPARATHYROIDISM. IS PRE-THYROIDECTOMY PARATHYROID PRECONDITIONING POSSIBLE?

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PP170 CENTER FOR ENDOCRINE SURGERY, CLINICAL CENTER OF SERBIA, BELGRADE

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PP171 WHAT CAN WE EXPECT FROM18F-FLUOROCHOLINE PET/ CT LOCALIZATION IN P HPT?

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PP172 POSTOPERATIVE PARATHYROID HORMONE AS AN EARLY PREDICTOR OF POSTOPERATIVE HYPOCALCEMIA AND PERSISTENT HYPOPARATHYROIDISM

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PP173 LEONTIASIS OSSEA: A FORGOTTEN LATE COMPLICATION OF LONG-STANDING SECONDARY HEPRPARATHYROIDISM

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PP174 PRESERVING THE PARATHYROID VASCULAR PEDICLE MAY BE THE ANSWER TO POSTOPERATIVE HYPOCALCEMIA

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PP175 PARATHYROID CARCINOMA: A SINGLE CENTER EXPERIENCE

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PP176 PTH VARIATION VS PTH4H AS PREDICTIVE FACTORS FOR HYPOCALCEMIA AFTER THYROID SURGERY

F Policarpo, A Alves Rafael, M Fróis Borges, F Azevedo, J Teixeira, L Viana Fernandes 'Cirurgia II Department, CHLO EPE – Hospital Egas Moniz, Lisboa, Portugal

PP177 EVALUATION OF THE DIAGNOSTIC POWER OF THE DIFFERENT SAMPLINGS IN INTRAOPERATIVE PARATHYROID HORMONE MONITORING PERFORMED ACCORDING TO THE ROME CRITERION IN PRIMARY HYPERPARATHYROIDISM

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PP178 OUR EXPERIENCE IN THE MANAGEMENT OF PARATHYROID CARCINOMA

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PP179 SEROTONIN SYNDROME AFTER USE OF METHYLEN BLUE IN PARATHYROIDECTOMY

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PP180 TRANSORAL ENDOSCOPIC PARATHYROIDECTOMY, VESTIBULAR APPROACH (TOEPVA): A VIDEO CASE PRESENTATION

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PP181 CLINICOPATHOLOGICAL CHARACTERISTICS OF INCIDENTAL PARATHYROIDECTOMY AFTER TOTAL THYROIDECTOMY: THE EFFECT ON HYPOCALCEMIA. A RETROSPECTIVE COHORT STUDY

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