

**Poster Sessions 1, Sunday, 11.9.2011
12.00-13.00**

PO1 Thyroid Cancer (clinical) 1

Chair: Ulla Feldt-Rasmussen (Copenhagen, Denmark)

P01

PATIENTS WITH DIFFERENTIATED THYROID CANCER (DTC) WHO UNDERWENT RADIOIODINE REMNANT ABLATION (RRA) WITH LOW ACTIVITY OF ¹³¹I EITHER RECOMBINANT HUMAN TSH (RHTSH) OR AFTER THYROID HORMONE THERAPY WITHDRAWAL (THW) SHOW THE SAME OUTCOME AFTER 10 YEARS OF FOLLOW UP

Molinaro E¹, Giani C¹, Biagini A¹, Pieruzzi L¹, Agate L¹, Bottici V¹, Viola D¹, Pinchera A¹, Vitti P¹, Elisei R¹

¹Department of Endocrinology, University of Pisa, Pisa, Italy

P02

INCREASED INCIDENCE OF DIFFERENTIATED THYROID CANCER IN DENMARK 1943-2008. IS IT INFLUENCED BY IODINE SUPPLEMENTATION?

Blomberg M¹, Feldt-Rasmussen U², Kjaer SK^{1,3}

¹Danish Cancer Society, Institute of Cancer Epidemiology, Copenhagen, Denmark, ²Rigshospitalet, Medical Endocrinology PE 2132, Copenhagen, Denmark, ³Rigshospitalet, Copenhagen University Hospital, Gynaecology, Copenhagen, Denmark

P03

SORAFENIB IN THE TREATMENT OF RADIOIODINE REFRACTORY THYROID CANCER. A MULTICENTER PHASE II STUDY

Duntas LH¹, Vlassopoulou V², Boutsiadis A¹, Mantzou E¹, Anapliotou M³, Tsatsoulis A⁴

¹Evgenidion Hospital/University of Athens, Endocrine Unit, Athens, Greece, ²Evangelismos Hospital, Department of Endocrinology, Athens, Greece, ³Private Office, Athens, Greece, ⁴University of Ioannina, Department of Endocrinology, Ioannina, Greece

P04

FOLLOW-UP OF DIFFERENTIATED THYROID CANCER (DTC) PATIENTS DEFINED FREE OF DISEASE WITH A SINGLE NEGATIVE RECOMBINANT HUMAN THYROTROPINE (RHTSH) THYROGLOBULIN (TG) STIMULATION TEST

Biagini A¹, Pieruzzi L¹, Molinaro E¹, Giani C¹, Viola D¹, Valerio L¹, Agate L¹, Bottici V¹, Pinchera A¹, Vitti P¹, Elisei R¹

¹Department of Endocrinology, University of Pisa, Pisa, Italy

P05

EXTRATHYROID EXTENSION AS A PREDICTING FACTOR OF PROGNOSIS IN PAPILLARY THYROID MICROCARCINOMA PATIENTS

Sung T-Y¹, Lee Y-M¹, Lee A-L¹, Yoon JH¹, Hong SJ¹

¹Asan Medical Center, University of Ulsan College of Medicine, Division of Endocrine Surgery, Department of Surgery, Seoul, Korea, Republic of

P06

ROBOT-ASSISTED GASLESS TRANS-AXILLARY THYROIDECTOMY: SINGLE SURGEON'S EXPERIENCE OF 300 CASES

Lee Y-M¹, Lee A-L¹, Sung T-Y¹, Hong SJ¹, Yoon JH¹

¹Asan Medical Center, University of Ulsan College of Medicine, Division of Endocrine Surgery, Department of Surgery, Seoul, Korea, Republic of

P07

COMPARISON OF 800MBQ AND 3700 MBQ IODINE-131 FOR THE POST-OPERATIVE ABLATION OF THYROID REMNANT IN PATIENTS WITH LOW RISK DIFFERENTIATED THYROID CANCER

Caqlar M¹, Bozkurt FM², Bayraktar M³

¹Hacettepe University, Ankara, Turkey, ²Hacettepe University, Nuclear Medicine, Ankara, Turkey, ³Hacettepe University, Endocrinology, Ankara, Turkey

P08

SIGNIFICANCE OF MICROSCOPIC CENTRAL COMPARTMENT LYMPH NODE METASTASIS IN PAPILLARY THYROID CARCINOMA

Lee A-L¹, Lee Y-M¹, Sung T-Y¹, Yoon JH¹, Hong SJ¹

¹Asan Medical Center, University of Ulsan College of Medicine, Division of Endocrine Surgery, Department of Surgery, Seoul, Korea, Republic of

P09

DIAGNOSTIC IMPACT OF ¹⁸F-DOPA-PET/CT IN RESIDUAL OR RECURRENT MEDULLARY THYROID CANCER

Schalin-Jäntti C¹, Kauhanen S^{2,3}, Seppänen M², Kajander S², Schildt J⁴, Ahonen A⁴, Virtanen S⁵, Heiskanen I⁶, Väisänen M⁶, Arola J⁷, Lisinen I², Korsoff P⁸, Ebeling T⁹, Sane T¹, Minn H^{2,10}, Välimäki MJ¹, Nuutila P^{2,11}

¹Division of Endocrinology, Department of Medicine, Helsinki University Hospital, Helsinki, Finland, ²Turku PET Centre, Turku University Hospital, Turku, Finland, ³Department of Surgery, Turku University Hospital, Turku, Finland, ⁴Helsinki PET Centre, Helsinki University Hospital, Helsinki, Finland, ⁵Medical Imaging Centre of Southwest Finland, Turku, Finland, ⁶Department of Surgery, Helsinki University Hospital, Helsinki, Finland, ⁷Department of Pathology, Helsinki University Hospital, Helsinki, Finland, ⁸Department of Medicine, Satakunta Central Hospital, Pori, Finland, ⁹Department of Medicine, Oulu University Hospital, Oulu, Finland, ¹⁰Department of Oncology and Radiotherapy, Turku University Hospital, Turku, Finland, ¹¹Department of Medicine, University of Turku, Turku, Finland

P10

PATHOLOGICAL REEVALUATION OF DOUBTFUL CASES OF THYROID CANCER

Konturek A¹, Barczyński M¹, Stopa M¹, Wierzchowski W², Nowak W¹

¹Jagiellonian University, Medical College, 3rd Chair and Department of General Surgery, Kraków, Poland, ²Jagiellonian University, Medical College, Department of Pathology, Kraków, Poland

PO2 Thyroid cancer (clinical) 2

Chair: Markus Luster (Ulm, Germany)

P11

INCREASED LONG TERM MORTALITY IN PATIENTS WITH DIFFERENTIATED THYROID CANCER AND CONCOMITANT GRAVES' DISEASE

Pellegriti G¹, Mannarino C², Vigneri R¹, Belfiore A²

¹Endocrinology Division, Garibaldi Nesima Hospital, Department of Clinical and Molecular Biomedicine, University of Catania, Catania, Italy, ²Endocrinology Unit, Department of Clinical and Experimental Medicine, University of Catanzaro, Catanzaro, Italy

P12

LOBECTOMY FOR PAPILLARY THYROID CANCER: PROGNOSIS AND INDICATIONS

Matsuzu K¹, Sugino K¹, Ito K¹, Yoshida A², Masuda M³, Ito K¹

¹Ito hospital, Tokyo, Japan, ²1-1-2 Nakao, Asahi-ku, Yokohama, Japan, ³Yokohama City University School of medicine, Surgery, Yokohama, Japan

P13

PREVALENCE OF LEVEL VI LYMPH NODES INVOLVEMENT IN PATIENTS WITH PAPILLARY THYROID CANCER STAGED PREOPERATIVELY AS NODE NEGATIVE

Barczynski M¹, Konturek A¹, Stopa M¹, Richter P¹, Nowak W¹

¹Jagiellonian University, Medical College, 3rd Department of General Surgery, Krakow, Poland

P14

A COMPARISON OF SURGICAL OUTCOMES BETWEEN ENDOSCOPIC AND ROBOTIC THYROIDECTOMY

Yoo H¹, Chae BJ¹, Seong KY¹, Park WC¹, Song BJ¹, Kim JS¹, Jung SS¹, Bae JS¹

¹Catholic University, Department of Surgery, Seoul, Korea, Republic of

P15

FAMILIAL HISTORY OF THYROID GLAND DISEASES, MALIGNANT TUMOURS AND RISK OF DIFFERENTIATED THYROID CANCER

Przybylik-Mazurek E¹, Pach D¹, Hubalewska-Dydejczyk A¹

¹Jagiellonian University, Medical College, Chair and Department of Endocrinology, Krakow, Poland

P16

NO INFLUENCE OF MULTIFOCALITY/BILATERALITY ON RECURRENCE-FREE SURVIVAL IN PATIENTS WITH PAPILLARY THYROID CARCINOMA

Kim HJ¹, Shon SY¹, Jang HW¹, Kim SW¹, Chung JH¹

¹Samsung Medical Center, Sungkyunkwan University School of Medicine, Division of Endocrinology & Metabolism, Department of Medicine, Seoul, Korea, Republic of

P17

TIMING OF PROPHYLACTIC THYROIDECTOMY IN PATIENTS WITH FAMILIAL MEDULLARY THYROID CARCINOMA

Podoba J¹, Podobová M¹, Grigerová M¹, Weismanová E², Závodná K²

¹St. Elizabeth Cancer Institute Hospital, Clin.Endocrinology, Bratislava, Slovakia, ²St. Elizabeth Cancer Institute Hospital, Molecular Biology, Bratislava, Slovakia

P18

THE RISING INCIDENCE OF THYROID CANCER IS MAINLY DUE TO AN INCREASE IN CLINICAL CANCERS: A 40-YEAR STUDY IN 1778 PATIENTS

Iliadou PK¹, Doumala E¹, Mathiopoulos L¹, Tziomalos K¹, Mitsakis P¹, Fotareli A¹, Chrisoulidou A¹, Boudina M¹, Pazaitou-Panayiotou K¹

¹Theagenio Anticancer Hospital of Thessaloniki, Department of Endocrinology and Endocrine Oncology, Thessaloniki, Greece

P19

DISTRIBUTION OF PERIPHERAL BLOOD MONOCYTE SUBPOPULATIONS IN MALIGNANT AND NON-MALIGNANT THYROID TUMOURS

Stasiolek M¹, Dedecjus M², Bieniek E¹, Pula B³, Brzezinski J², Lewinski A¹

¹Polish Mother's Memorial Hospital - Research Institute, Department of Endocrinology and Metabolic Diseases, Lodz, Poland, ²Polish Mother's Memorial Hospital - Research Institute, Department of General and Endocrine Surgery, Lodz, Poland, ³Wroclaw Medical University, Histology and Embryology, Wroclaw, Poland

PO3 Thyroid Cancer (clinical) 3

Chair: Laura Fugazzola (Milan, Italy)

P20

METASTATIC THYROID CANCER UNRESPONSIVE TO CONVENTIONAL THERAPY TREATED WITH SORAFENIB "OFF-LABEL": AN UPDATE OF OUR EXPERIENCE.

Cappagli V¹, Bottici V¹, Molinaro E¹, Agate L¹, Viola D¹, Valerio L¹, Mazzeo S², Battaglia V², Pontillo Contillo B², Dal Canto L³, Vitti P¹, Pinchera A¹, Elisei R¹

¹University of Pisa, Department of Endocrinology and Metabolism, Pisa, Italy, ²University of Pisa, Department of Oncology-Division of Diagnostic, Pisa, Italy, ³University of Pisa, Farmaceutic Unit, Pisa, Italy

P21

DO WE NEED TO PERFORM STIMULATED THYROGLOBULIN (TG) ASSAY AND I-131 SCINTIGRAPHY IN TREATED THYROID CANCER PATIENTS WHO HAVE UNDETECTABLE TG ON THYROXIN?

Caglar M¹, Kanat NB², Portakal O³

¹Hacettepe University, Ankara, Turkey, ²Hacettepe University, Nuclear Medicine, Ankara, Turkey, ³Hacettepe University, Biochemistry, Ankara, Turkey

P22

^{99m}Tc-EDDA-HYNIC-TOC SCINTIGRAPHY FOR THE EVALUATION OF MEDULLARY THYROID CANCER IN PERSISTENT HYPERCALCAEMIA

Czepczyński R¹, Gryczyńska M¹, Czarnywojtek A¹, Ruchała M¹, Ziemnicka K¹, Sowiński J¹

¹Poznan University of Medical Sciences, Dept. of Endocrinology, Poznan, Poland

P23

RADIOIODINE ABLATION AFTER RECOMBINANT HUMAN TSH OR THYROID HORMONE WITHDRAWAL IN PATIENTS WITH T3/T4 (TNM STAGE) THYROID TUMORS

Pitoia F¹, Faure E², Abelleira E¹, Schwarzstein D³, Bueno F¹, Lutfi R², Niepomnizcze H¹

¹Hospital de Clinicas, Division of Endocrinology, Buenos Aires, Argentina, ²Hospital de Clinicas Churruca-Vizca, Buenos Aires, Argentina, ³Private Office, Rosario, Argentina

P24

THYROID LESIONS PREVALENCE IN INDIVIDUALS SUBMITTED TO CHILDHOOD X-RAY EPILATION FOR TINEA CAPITIS TREATMENT

Boaventura P¹, Pereira D¹, Oliveira R^{2,3}, Soares P^{1,2}, Sobrinho-Simões M^{1,2}, Teixeira-Gomes J¹

¹IPATIMUP - Institute of Molecular Pathology and Immunology, Porto, Portugal, ²Medical Faculty, University of Porto, Porto, Portugal, ³CINTESIS - Center for Research in Health Technologies and Information Systems, Porto, Portugal

P25

LACK OF THRESHOLD VALUES OF CALCITONIN AND CARCINOEMBRYOGENIC ANTIGEN DOUBLING-TIMES IN RISK PREDICTION IN MEDULLARY THYROID CANCER

Gawlik T¹, d'Amico A¹, Handkiewicz-Junak D¹, Szpak-Ulczo S¹, Skoczylas A¹, Gubała E¹, Chorąży A¹, Gorczewski K¹, Włoch J², Jarząb B¹

¹Maria Skłodowska-Curie Memorial Cancer Center and Institute of Oncology, Gliwice Branch, Department of Nuclear Medicine and Endocrine Oncology, Gliwice, Poland, ²Maria Skłodowska-Curie Memorial Cancer Center and Institute of Oncology, Gliwice Branch, Oncology and Reconstructing Surgery Clinic, Gliwice, Poland

P26

LOW RISK THYROID CARCINOMA: DOING MORE GOOD THAN HARM

Rodrigues FJC¹, Martinho M¹, Azevedo T¹, Martins T¹, Cunha N², Rascão MJ³, Oliveira C⁴, Neto J⁴, Oliveira S⁴, Gilde P⁵, Neves A⁵, Gomes I³, Cruz C⁵, Valido F², Campos B¹

¹Instituto Português de Oncologia de Coimbra Francisco Gentil, Serviço de Endocrinologia, Coimbra, Portugal, ²Instituto Português de Oncologia de Coimbra Francisco Gentil, Serviço de Patologia Clínica, Coimbra, Portugal, ³Instituto Português de Oncologia de Coimbra Francisco Gentil, Serviço de Imagiologia, Coimbra, Portugal, ⁴Instituto Português de Oncologia de Coimbra Francisco Gentil, Serviço de Medicina Nuclear, Coimbra, Portugal, ⁵Instituto Português de Oncologia de Coimbra Francisco Gentil, Serviço de Cirurgia de Cabeça e Pescoço, Coimbra, Portugal

P27

PREPARATION WITH ENDOGENOUS AND EXOGENOUS TSH STIMULATION FOR RAI TREATMENT GIVES COMPARABLE RESULTS IN PATIENTS WITH METASTATIC DIFFERENTIATED THYROID CANCER

Klubo-Gwiedzinska J^{1,2}, Burman KD¹, Van Nostrand D³, Mete M⁴, Wartofsky L⁵

¹Washington Hospital Center/Georgetown University, Endocrine, Washington, United States, ²Nicolaus Copernicus University in Torun, Collegium Medicum in Bydgoszcz, Endocrinology and Diabetology, Bydgoszcz, Poland, ³Washington Hospital Center/Georgetown University, Nuclear Medicine, Washington, United States, ⁴Medstar Health Research Institute, Epidemiology and Statistics, Hyattsville, United States, ⁵Washington Hospital Center/Georgetown University, Medicine/Endocrine, Washington, United States

P28

MEDULLARY THYROID CARCINOMA (MTC): TRENDS IN CLINICAL CHARACTERISTICS AND OUTCOME IN A REFERRAL CENTRE IN GREECE

Alevizaki M^{1,2}, Rentziou G¹, Terzidis K², Giakoumi S¹, Anastasiou E¹, Vassileiou V¹, Saltiki K^{1,2}

¹Athens University School of Medicine, Endocrine Units, Dept Clinical Therapeutics, Alexandra Hospital, Athens, Greece, ²Athens University School of Medicine, Evgenidion Hospital, Athens, Greece

P29

THYROID CANCER NECK METASTASES: ULTRASONOGRAPHIC DIFFERENTIATION

Kusacic Kuna S¹, Bracic I¹, Horvatic Herceg G¹, Bence Zigman Z¹, Tomic Brzac H¹, Dodig D¹

¹Clinical Hospital Centre Zagreb, Clinical Department of Nuclear Medicine and Radiation Protection, Zagreb, Croatia

PO4 Thyroid Cancer (basic/translational) 1

Chair: Clara Alvarez (Santiago de Compostela, Spain)

P30

IL-32 PROMOTER POLYMORPHISM MODULATES IL-32 EXPRESSION AND INFLUENCES THE RISK AND THE OUTCOME OF EPITHELIAL CELL DERIVED THYROID CARCINOMA

Plantinga T¹, Costantini I¹, Heinhuis B², Huijbers A³, Kusters B⁴, Netea MG¹, Hermus A³, Dinarello CA¹, Joosten LA¹, Netea RT³

¹Radboud University Nijmegen Medical Center, Department of Medicine, Nijmegen, Netherlands, ²Radboud University Nijmegen Medical Center, Department of Rheumatology, Nijmegen, Netherlands, ³Radboud University Nijmegen Medical Center, Department of Endocrinology, Nijmegen, Netherlands, ⁴Radboud University Nijmegen Medical Center, Department of Pathology, Nijmegen, Netherlands

P31

ENDOGENOUS REGULATORS OF MITOCHONDRIAL BIOGENESIS IN FOLLICULAR THYROID CARCINOMA CELLS

Le Pennec S¹, Prunier D¹, Bouzamondo N², Guillotin D¹, Malthiery Y¹, Savagner F^{1,3}

¹Inserm U694, Angers, France, ²CHU, Laboratoire de Biochimie, Angers, France, ³Inserm U 915, Nantes, France

P32

NOTCH-1 RECEPTOR AS A PREDICTOR OF POOR PROGNOSIS IN PAPILLARY THYROID CANCER

Park HS¹, Jung C-K², Lee S-H², Chae BJ¹, Lim D-J³, Park WC¹, Song BJ¹, Kim JS¹, Jung SS¹, Bae JS¹

¹The Catholic University of Korea College of Medicine, Department of Surgery, Seoul, R. of Korea, ²The Catholic University of Korea College of Medicine, Department of Hospital Pathology, Seoul, R. of Korea, ³The Catholic University of Korea College of Medicine, Department of Internal Medicine, Seoul, R. of Korea

P33

PAPILLARY THYROID CARCINOMA IS PART OF V804M RET GERMLINE MUTATION

Brauckhoff M¹, Boman H², Norman I³, Blom P⁴, Følling I³, Engebretsen LF², Aksten L⁵, Kampevoll-Larsen K⁵, Varhaug JE¹

¹Haukeland University Hospital, Department of Surgery, Bergen, Norway, ²Haukeland University Hospital, Department of Medical Genetics and Molecular Medicine, Bergen, Norway, ³Akershus University Hospital, Department of Medicine, Oslo, Norway, ⁴Akershus University Hospital, Department of Pathology, Oslo, Norway, ⁵Haukeland University Hospital, Department of Pathology, Bergen, Norway

P34

MTOR INHIBITION HAMPERS CELL VIABILITY IN SELECTED HUMAN MEDULLARY THYROID CARCINOMA PRIMARY CULTURES

Minoia M¹, Zatelli MC¹, Filieri C¹, Tagliati F¹, Buratto M¹, Ambrosio MR¹, Pelizzo MR², degli Uberti EC¹

¹University of Ferrara, Section of Endocrinology, Dept of Biomedical Sciences and Advanced Therapies, Ferrara, Italy, ²General Surgery III, University of Padova, Department of Medical and Surgical Science, Padova, Italy

P35

PAPILLARY THYROID CARCINOMA INDUCED BY BRAF^{V600E} MUTATION IN MICE: GENE EXPRESSION PROFILING

Rusinek D¹, Chmielik E², Świerniak M¹, Kowal M¹, Kowalska M¹, Oczko-Wojciechowska M¹, Przeorek C¹, Kropińska A¹, Widłak W³, Jarzqb B¹

¹MSC Memorial Cancer Center and Institute of Oncology, Department of Nuclear Medicine and Endocrine Oncology, Gliwice, Poland, ²MSC Memorial Cancer Center and Institute of Oncology, Department of Tumor Pathology, Gliwice, Poland, ³MSC Memorial Cancer Center and Institute of Oncology, Center for Translational Research and Molecular Biology of Cancer, Gliwice, Poland

P36

THE α 1-ADRENERGIC RECEPTOR ANTAGONIST PRAZOSIN INDUCES APOPTOSIS IN HUMAN MEDULLARY THYROID CARCINOMA CELLS

Schwach G¹, Fuchs R¹, Ingolic E², Stelzer I³, Hofer D¹, Sadjak A¹, Pfragner R¹

¹Medical University of Graz, Institute of Pathophysiology and Immunology, Graz, Austria, ²Graz University of Technology, Research Institute for Electron Microscopy, Graz, Austria, ³Medical University of Graz, Clinical Institute of Medical and Chemical Laboratory Diagnostics, Graz, Austria

P37

ROLE OF THE WNT/B-CATENIN IN HRAS- AND BRAF-TRANSFORMED THYROID CELLS

Sastre-Perona AM¹, López-Márquez A¹, Santisteban P¹

¹Inst. Investigaciones Biomedicas (IIB), CSIC-UAM, Fisiopatología Endocrina y del Sistema Nervioso, Madrid, Spain

P38

INDOLEAMINE 2,3-DIOXYGENASE (IDO) AND THYROID CARCINOMA: RET/PTC APPEARS AS A STRONG GENETIC DETERMINANT FOR IDO EXPRESSION

Puxeddu E¹, Moretti S¹, Voce P¹, Sponziello M², Colella R³, Melillo RM⁴, Fallarino F³, Bini V¹, Filetti S², Avenia N⁵, Cavaliere A³, Puccetti P³, Santoro M⁴

¹University of Perugia, Department of Internal Medicine, Perugia, Italy, ²University of Rome 'Sapienza', Department of Clinical Sciences, Rome, Italy, ³University of Perugia, Department of Experimental Medicine and Biochemical Sciences, Perugia, Italy, ⁴University of Naples 'Federico II', Department of Biology and Molecular and Cellular Pathology, Naples, Italy, ⁵University of Perugia, Department of Surgery, Perugia, Italy

P39

OGG1 AND XRCC1 EXPRESSION IN DIFFERENTIATED THYROID CARCINOMAS

Janik J¹, Czarnocka B¹

¹Medical Center of Postgraduate Education, Department of Biochemistry and Molecular Biology, Warsaw, Poland

PO5 Graves' Orbitopathy

Chair: Valentin Fadeyev (Moscow, Russia)

P40

THE ROLE OF ^{99m}Tc-DTPA SPECT IN STAGING AND FOLLOW UP OF DISEASE ACTIVITY BEFORE AND AFTER ORBITAL IRRADIATION IN GRAVES' ORBITOPATHY

Galuska L¹, Szabados L¹, Leövey A², Ujhelyi B³, Garai I¹, Varga J¹, Nagy EV⁴

¹University of Debrecen Medical and Health Science Center, Institute of Nuclear Medicine, Debrecen, Hungary, ²University of Debrecen Medical and Health Science Center, Debrecen, Hungary, ³University of Debrecen Medical and Health Science Center, Department of Ophthalmology, Debrecen, Hungary, ⁴University of Debrecen Medical and Health Science Center, Department of Endocrinology, Debrecen, Hungary

P41

LOW TITER OF ANTI-TPO IS ASSOCIATED WITH AN INCREASED RISK OF GRAVES' DISEASE AND OPHTHALMOPATHY

Lantz M¹, Planck T¹, Åsman P², Hallengren B¹

¹Skåne University Hospital, Department of Endocrinology, Malmö, Sweden, ²Skåne University Hospital, Department of Ophthalmology, Malmö, Sweden

P42

PREDICTIVE FACTORS OF POOR RESPONSE AND OF SEVERITY OF GRAVES OPTHALMOPATHY IN PATIENTS TREATED WITH ANTI-THYROID DRUGS (ATD) AND RADIOIODINE (131-I)

Baldys-Waligorska A¹, Sokolowski A²

¹Jagiellonian University, Medical College, Endocrinology, Krakow, Poland, ²Cracow University of Economics, Statistics, Kraków, Poland

P43

A SMALL DOSE OF RITUXIMAB MAY BE EFFECTIVE IN INDUCING LONG TERM INACTIVATION OF GRAVES' ORBITOPATHY

Covelli D¹, Vannucchi G¹, Currò N², Bonara P³, Guastella C⁴, Pignataro L⁴, Beck-Peccoz P¹, Golay J⁵, Salvi M¹

¹Fondazione Cà Granda Policlinico IRCCS, Endocrine Unit, Milan, Italy, ²Fondazione Cà Granda Policlinico IRCCS, Ophthalmology, Milan, Italy, ³Fondazione Cà Granda Policlinico IRCCS, Internal Medicine, Milan, Italy, ⁴Fondazione Cà Granda Policlinico IRCCS, Otolaryngology, Milan, Italy, ⁵Laboratory of Cellular and Gene Therapy, Ospedali Riuniti, Bergamo, Italy

P44

THE COURSE OF GRAVES OPHTHALMOPATHY IN PATIENTS TREATED WITH ANTI-THYROID DRUGS (ATD) OR FOLLOWING RADIOIODINE THERAPY (131-I)

Baldys-Waligorska A¹, Sokołowski A², Krzentowska-Korek A¹, Gołkowski F¹

¹Jagiellonian University, Medical College, Endocrinology, Kraków, Poland, ²Cracow University of Economics, Kraków, Poland

P45

ADMINISTRATION OF ORAL GLUCOCORTICOID (DEXAMETHASONE) IN THE TREATMENT OF ENDOCRINE OPHTHALMOPATHY

Luchina E¹, Lukashova M¹, Meleshkevich T¹

¹Non-governmental Institution of Healthcare, Central Clinical Hospital, Endocrinology, Moscow, Russian Federation

P46

SIDE EFFECTS TO GLUCOCORTICOID THERAPY IN PATIENTS WITH GRAVES' ORBITOPATHY

Beleslin BZ¹, Ciric J¹, Zarkovic M¹, Stojkovic M¹, Savic S¹, Knezevic M², Trbojevic B¹

¹Clinic for Endocrinology, Belgrade, Serbia, ²Clinic for Ophthalmology, Belgrade, Serbia

P47

C-REACTIVE PROTEIN AND TSH RECEPTOR ANTIBODIES IN GRAVES' ORBITOPATHY

Velicanin G¹, Ciric J¹, Beleslin B¹, Stojkovic M¹, Savic S¹, Zarkovic M¹

¹Clinic of Endocrinology, Diabetes and Metabolic Diseases, Belgrade, Serbia

P48

TWO-YEAR DYNAMIC MONITORING OF PATIENTS WITH ENDOCRINE' OPHTHALMOPATHY TREATED WITH ORAL GLUCOCORTICOID

Lukashova M¹, Luchina E¹, Meleshkevich T¹

¹Non-governmental Institution of Healthcare, Central Clinical Hospital, Endocrinology, Moscow, Russian Federation

P49

EFFECTIVE OF COMPLEX LYMPHATIC THERAPY OF ENDOCRINE OPHTHALMOPATHY, THREE MONTHS AFTER TREATMENT

Nugmanova L¹, Abdazova R¹, Dadamyana R¹, Muratova S¹

¹MC of Endocrinology, Tashkent, Uzbekistan

P50

QUALITY OF LIFE ASSESSMENT IN SERBIAN PATIENTS WITH GRAVES' ORBITOPATHY

Ciric J¹, Zarkovic M¹, Beleslin B¹, Marina D¹, Bubanja D¹, Trbojevic B¹

¹Clinic of Endocrinology, Diabetes and Metabolic Diseases, Belgrade, Serbia

P51

ASSESSMENT OF QUALITY OF LIFE IN RUSSIAN PATIENTS WITH GRAVES' ORBITOPATHY

Vinogradskaya O¹, Fadeyev V¹, Lipatov D²

¹I.M. Sechenov First Moscow State Medical University, Moscow, Russian Federation, ²Endocrinology Research Center, Moscow, Russian Federation

P52

DIAGNOSTIC GRAVES' ORBITOPATHY IN PATIENTS WITH MYASTHENIA GRAVIS

Zacutnyaya VN¹, Scherbakova NI¹, Ivanova AN¹

¹Neurology Scientific Centre of Russian Academia of Medical Sciences, Department of Endocrinology, Moscow, Russian Federation

P53

FEATURES OF THERAPY OF COMPLICATION FORMS GRAVES' ORBITOPATHY

Zacutnaya V¹, Kochergina I², Nikiphoruk NM², Ivanova AN², Nicolscaya TG²

¹Russian Medical Academy for Advanced Medical Studies Ministry of Health Russia, Moscow, Russian Federation, ²Russian Medical Academy for Advanced Medical Studies Ministry of Health Russia, Department of Endocrinology and Diabetology, Moscow, Russian Federation

PO6 Graves' Hyperthyroidism 1

Chair: Paolo Vitti (Pisa, Italy)

P54

IN VIVO EFFECTS OF BLOCKING TYPE AND STIMULATING TYPE MONOCLONAL TSHR AUTOANTIBODIES

Furmaniak J¹, Sanders J¹, Young S¹, Kabelis K¹, Sanders P¹, Evans M¹, Clark J¹, Wilmot J¹, Rees Smith B¹

¹FIRS Laboratories, RSR Ltd, Cardiff, United Kingdom

P55

A CHIMERIC CELL LINE PERFORMS SIGNIFICANTLY BETTER THAN WILD-TYPE IN ANTI-TSHR BIOASSAYS

Li Y¹, Kim J¹, Larrimer A¹, Klasen R¹, Kanitz M², Olivo PD¹, Kahaly GJ²

¹Diagnostic Hybrids, Inc. (A Quidel Company), Athens, United States, ²Gutenberg University Medical Center, Thyroid Research Laboratory, Mainz, Germany

P56

POST-RADIOIODINE MANAGEMENT OF PATIENTS WITH GRAVES' DISEASE

Collins KS¹, Horsefield J², Perros P¹

¹Royal Victoria Infirmary, Endocrinology, Newcastle upon Tyne, United Kingdom, ²Royal Victoria Infirmary, Medical Physics, Newcastle upon Tyne, United Kingdom

P57

INCIDENCE OF HYPERTHYROIDISM IN SWEDEN, IN THE YEARS 2003 - 2005

Wallin GK¹, Abraham-Nordling M², Byström K³, Lantz M⁴, Berg G⁵, Calissendorff J⁶, Filipsson Nyström H⁷, Jansson S⁸, Jörneskog G⁹, Karlsson A¹⁰, Lundell G¹¹, Nyström E⁷, Ohrling H¹², Örn T¹³, Törning O¹², Hallengren B⁴

¹Örebro University Hospital, Surgery, Örebro, Sweden, ²Danderyd University Hospital, Dept of Surgery, Stockholm, Sweden, ³Örebro University Hospital, Medicine, Örebro, Sweden, ⁴Skåne University Hospital, Endocrinology, Malmö, Sweden, ⁵Sahlgrenska Academy, Sahlgrenska University Hospital Göteborg, Oncology, Göteborg, Sweden, ⁶Karolinska Institute and University Hospital, Endocrinology, Stockholm, Sweden, ⁷Sahlgrenska Academy, Sahlgrenska University Hospital Göteborg, Endocrinology, Göteborg, Sweden, ⁸Sahlgrenska Academy, Sahlgrenska University Hospital Göteborg, Surgery, Göteborg, Sweden, ⁹Danderyd University Hospital, Endocrinology, Danderyd, Sweden, ¹⁰Uppsala University Hospital, Endocrinology, Uppsala, Sweden, ¹¹Karolinska Institute and University Hospital, Oncology, Stockholm, Sweden, ¹²Karolinska Institute and Södersjukhuset, Endocrinology, Stockholm, Sweden, ¹³Karlskrona Hospital, Medicine, Karlskrona, Sweden

P58

ADRENOCORTICAL RESERVE IN HYPERTHYROIDISM

Agbaht K¹, Gullu S¹

¹Ankara University Faculty of Medicine, Endocrinology and Metabolic Disorders, Ankara, Turkey

P59

THE DIFFERENCES IN LYMPHOCYTE AND THYROCYTE INTERACTIONS IN GRAVES' DISEASE AND HASHIMOTO THYROIDITIS

Ben-Skowronek J¹, Ciechanek R², Korobowicz E³, Szewczyk L⁴

¹University Lublin, Dept. Paediatric Endocrinology and Neurology, Lublin, Poland, ²Voivodship Hospital Lublin, Division of Surgery, Lublin, Poland, ³Medical University, Dept. Pathomorphology, Lublin, Poland, ⁴Medical University, Dept. Paediatric Endocrinology and Neurology, Lublin, Poland

P60

DILUTION STUDIES DEMONSTRATE GREATER ANALYTICAL SENSITIVITY OF CHIMERIC TSH-R BIOASSAY VS. TSH-R BINDING AUTOANTIBODIES

Leschik JJC¹, Kanitz M¹, Diana T¹, Matheis N¹, Li Y², Olivo PD², Kahaly GJ¹

¹Gutenberg University Medical Center, Thyroid Research Laboratory, Mainz, Germany, ²Diagnostic Hybrids, Inc.

(A Quidel Company), Athens, United States

P61

DECREASE IN MAGNESIUM AFTER TOTAL THYROIDECTOMY FOR GRAVES' DISEASE IS RELATED TO DEVELOPMENT OF PERMANENT HYPOCALCEMIA

Hammerstad SS^{1,2}, Norheim I², Paulsen T³, Amlie LM¹, Eriksen EF²

¹Oslo University Hospital, Hormone Laboratory, Oslo, Norway, ²Oslo University Hospital, Endocrinology Department, Oslo, Norway, ³Oslo University Hospital, Surgery Department, Oslo, Norway

P62

DOES THE SUPPRESSIVE TREATMENT OF L-THYROXINE IMPAIR HEART FUNCTION IN YOUNG PATIENTS WITH DIFFERENTIATED THYROID CANCER (DTC)?

Kropinska A¹, Krajewska J¹, Zawisza K², Jarzab B¹

¹Centre of Oncology, Nuclear Medicine and Endocrine Oncology, Gliwice, Poland, ²Centre of Oncology, Gliwice, Poland

P63

EFFECT OF AMIODARONE CONTINUATION OR WITHDRAWAL ON THE RESPONSE TO GLUCOCORTICIDS IN PATIENTS WITH AMIODARONE DESTRUCTIVE THYROIDITIS

Tomisti L¹, Bartalena L², Brogioni S¹, Dell'Unto E¹, Martino E¹, Bogazzi F¹

¹University of Pisa, Department of Endocrinology and Metabolism, Pisa, Italy, ²University of Insubria, Department of Clinical Medicine, Varese, Italy

P64

ANALYSIS OF TSH RECEPTOR AUTOANTIBODY ACTIVITIES IN A SUBJECT WITH LONGSTANDING HASHIMOTO'S THYROIDITIS WHO DEVELOPED GRAVES' DISEASE WITH PRETIBIAL MYXOEDEMA

Kamath C¹, Young S², Kabelis K², Sanders J², Adlan MA¹, Furmaniak J², Rees Smith B², Premawardhana LD^{1,3}

¹Caerphilly Miners' Hospital, Medicine, Cardiff, United Kingdom, ²FIRS Laboratories, RSR Ltd, Cardiff, United Kingdom, ³University Hospital of Wales, Endocrinology, Cardiff, United Kingdom

P65

SERUM LEVELS OF CIRCULATING SOLUBLE FAS LIGAND (SFASL) IN CHILDREN WITH AUTOIMMUNE HYPOTHYROIDISM AND AUTOIMMUNE HYPERTHYROIDISM

Mikos H¹, Mikos M², Niedziela M²

¹Poznan University of Medical Sciences, Department of Pediatric Endocrinology and Rheumatology, Molecular Endocrinology Laboratory, Poznan, Poland, ²Poznan University of Medical Sciences, Department of Pediatric Endocrinology and Rheumatology, Poznan, Poland

PO7 Thyroid hormone and metabolism 1

Chair: Istvan Szabolcs (Budapest, Hungary)

P66

EFFECTS OF TSH ON THERMOGENIC MARKERS IN BROWN ADIPOCYTES

Martinez-de-Mena R¹, Obregon M-J¹

¹Inst. Investigaciones Biomedicas (IIB), CSIC-UAM, Fisiopatologia Endocrina y del sistema nervioso, Madrid, Spain

P67

THYROID HORMONE EFFECT ON MITOCHONDRIAL FUNCTION IS DEPENDENT OF AGE IN LEAN FEMALES

Toft Kristensen T¹, Feldthusen A-D¹, Anthonen S¹, Wilms L², Pedersen PL³, Larsen J⁴, Kvetny J⁵

¹Naestved Hospital, Region Zealand, Mitochondrial Research Unit, Naestved, Denmark, ²Naestved Hospital, Region Zealand, Department of Paediatrics, Naestved, Denmark, ³Naestved Hospital, Region Zealand, Department of Clinical Biochemistry, Naestved, Denmark, ⁴Naestved Hospital, Region Zealand, Department of Clinical Pathology, Naestved, Denmark, ⁵Naestved Hospital, Region Zealand, Department of Internal Medicine, Naestved, Denmark

P68

EFFECTS OF THYROTOXICOSIS ON LEVELS OF GHRELIN, ADIPOCYTOKINES AND ENDOCRINE PANCREAS FUNCTION

Agbaht K¹, Erdoğan MF¹, Emral R¹, Baskal N¹, Gullu S¹

¹Ankara University Faculty of Medicine, Endocrinology and Metabolic Disorders, Ankara, Turkey

P69

GHRELIN AND OBESTATIN CHANGES IN HYPOTHYROIDISM AND HYPERTHYROIDISM AFTER TREATMENT

Gurqul E¹, Ruchala M¹, Kosowicz J¹, Zamysłowska H¹, Wrotkowska E¹, Sowinski J¹

¹Poznan University of Medical Sciences, Department of Endocrinology, Metabolism and Internal Diseases, Poznan, Poland

P70

IS NON-ENZYMIC PROTEIN GLYCATION OCCURRING IN DIABETES RELATED TO THE PRODUCTION OF ANTI-THYROGLOBULIN ANTIBODIES?*

Hatzioannou A¹, Saradopolou V², Anastasiou E², Philippou G³, Vlassara H⁴, Peppas M⁴, Lymberi P¹, Alevizaki M^{2,3}

¹Hellenic Pasteur Institute, Laboratory of Immunology, Athens, Greece, ²Athens University School of Medicine, Endocrine Unit, Department of Medical Therapeutics, Alexandra Hospital, Athens, Greece, ³Athens University School of Medicine, Endocrine Unit Evgenideion Hospital, Athens, Greece, ⁴Mt Sinai School of Medicine, New York, United States

P71

ANALYSIS OF SERUM LEVELS OF NESFATIN IN PEDIATRIC PATIENTS WITH GRAVES' DISEASE AND HASHIMOTO'S THYROIDITIS

Bossowski A¹, Sawicka B¹, Pietrewicz E², Żelazowska-Rutkowska B³

¹Medical University, Białystok, Poland, Department of Pediatrics, Endocrinology, Diabetology with the Cardiology Division, Białystok, Poland, ²University Children's Hospital, Department of Pediatrics, Endocrinology, Diabetology with the Cardiology Division, Białystok, Poland, ³Medical University in Białystok, Department of Pediatric Laboratory Diagnostics, Białystok, Poland

P72

SERUM ADIPONECTIN, RESISTIN, C-REACTIVE PROTEIN, AND LIPOPROTEIN (A) LEVELS IN AUTOIMMUNE THYROIDITIS

Neves C¹, Sokhatska O², Palmares C², Esteves C¹, Alves M¹, Ramalho R², Carvalho D¹, Medina JL¹, Delgado JL²

¹São João Hospital, Faculty of Medicine, University of Porto, Endocrinology Service, Porto, Portugal, ²São João Hospital, Faculty of Medicine, University of Porto, Immunology Department, Porto, Portugal

P73

INSULIN RESISTANCE, LIPID PROFILE, C-REACTIVE PROTEIN, AND HOMOCYSTEINE IN PATIENTS WITH GRAVES' DISEASE, AND AUTOIMMUNE THYROIDITIS

Esteves C¹, Neves C¹, Alves M¹, Pereira M¹, Dias C², Ramalho R³, Palmares C³, Sokhatska O³, Guimarães C³, Carvalho D¹, Delgado JL³, Medina JL¹

¹Centro Hospitalar S. João, EPE, Porto University Medical School, Endocrinology, Porto, Portugal, ²Centro Hospitalar S. João, EPE, Porto University Medical School, Biostatistical, Porto, Portugal, ³Centro Hospitalar S. João, EPE, Porto University Medical School, Immunology, Porto, Portugal

PO8 Hypothyroidism 1

Chair: Annick van den Bruel (Bruges, Belgium)

P74

ACUTE ALTERATIONS IN THYROID FUNCTION OF MALE HYPER MARATHON RUNNERS: A NEW CATEGORY OF "EUTHYROID SICK SYNDROME"

Markou KB¹, Leonidou L¹, Tsekouras A¹, Roupas N², Armeni A², Markades G², Mamalis I¹, Maragos S³, Vagenakis AG¹, Georgopoulos NA²

¹University of Patras Medical School, Internal Medicine, Patras, Greece, ²University of Patras Medical School, Obstetrics and Gynecology, Patras, Greece, ³University of Patras Medical School, Orthopedics, Patras, Greece

P75

LOWER FREQUENCIES OF CD4+CD25^{HIGH} AND CD4+FOXP3, BUT NOT CD4+CD25+CD127^{LOW} FOXP3⁺ T CELL LEVELS IN CHILDREN WITH HASHIMOTO'S THYROIDITIS

Bossowski AT¹, Moniuszko M², Dabrowska M³, Sawicka B¹, Jeznach M², Bossowska A⁴, Bodzenta-Lukaszyk A²

¹Medical University, Department of Pediatrics, Endocrinology, Diabetology with the Cardiology Division, Bialystok, Poland, ²Medical University, Department of Allergology and Internal Medicine, Bialystok, Poland, ³Medical University, Department of Hematology Diagnostic, Bialystok, Poland, ⁴Internal Affairs and Administration Ministry Hospital, Department of Cardiology, Bialystok, Poland

P76

CLINICAL SIGNIFICANCE OF TSH CIRCADIAN VARIABILITY IN EUTHYROID INDIVIDUALS AND PATIENTS WITH HYPOTHYROIDISM

Fadeyev V¹, Sviridonova M¹, Melnichenko G¹

¹Federal Endocrinological Research Centre of Russian Federation, Moscow, Russian Federation

P77

DIFFERENCES IN AUTOIMMUNE THYROID DISEASE PRESENTATION BETWEEN FAMILIAL AND NON-FAMILIAL CASES*

Terzidis K¹, Saltiki K², Mantzou E¹, Anastasiou E², Alevizaki M^{1,2}

¹Athens University School of Medicine, Evgenidion Hospital, Athens, Greece, ²Athens University School of Medicine, Dept Medical Therapeutics, Alexandra Hospital, Athens, Greece

P78

SHORT-TERM COMBINED TREATMENT WITH L-THYROXINE PLUS L-TRIIODOTHYRONINE (LT4 PLUS LT3) DROPS IN PATIENTS WITH PERSISTENT HYPOTHYROIDISM AND MALABSORPTION DURING REPLACEMENT THERAPY WITH L-T4

Ippolito S¹, Galante F¹, Arpaia D¹, Ferraro A¹, Lombardi G¹, Biondi B¹

¹Università degli studi di Napoli 'Federico II', Department of Clinical and Molecular Endocrinology and Oncology, Naples, Italy

P79

INTERLEUKIN 1 BETA (IL-1 BETA) GENE POLYMORPHISMS (SNP-511 AND SNP+3953) IN HASHIMOTO'S THYROIDITIS AMONG THE POLISH POPULATION

Lacka K¹, Paradowska-Gorycka A², Kramer L³, Herman W⁴, Maciejewski A⁵, Lacki JK^{6,7}

¹University of Medical Sciences, Department of Endocrinology, Metabolism and Internal Medicine, Poznan, Poland, ²Institute of Rheumatology, Department of Biochemistry, Warsaw, Poland, ³University of Medical Sciences, Department of Computer Science, Poznan, Poland, ⁴Outpatient's Unit of Endocrine Diseases, Wschowa, Poznan, Poland, ⁵University of Medical Sciences, Student's Scientific Society, Poznan, Poland, ⁶Institute of Rheumatology, Warsaw, Poland, ⁷University of Zielona Gora, Zielona Gora, Poland

P80

IMPAIRED L-THYROXINE (L-T4) ABSORPTION AFTER INGESTION OF LARGE AMOUNTS OF PAPAYA FRUIT

Deiana L¹, Marini S¹, Mariotti S^{1,2}

¹AOU Cagliari - Presidio di Monserrato, SC Endocrinologia, SS - bivio per Sestu Monserrato - Cagliari, Italy, ²University of Cagliari, Department of Medical Sciences 'M. Aresu', Monserrato - Cagliari, Italy

P81

PREVALENCE OF THYROID DISEASE IN A POPULATION-BASED SURVEY IN TURKEY: TURDEP-II

Satman I¹, Colak N¹, Boztepe H¹, Alagol F¹, TURDEP-II Study Group

¹Istanbul University, Istanbul Medical Faculty, Medicine, Division of Endocrinology, Istanbul, Turkey

P82

HEMATOLOGIC ABNORMALITIES IN PATIENTS WITH SUBCLINICAL HYPOTHYROIDISM: CHARACTER AND RELATIONSHIP TO LEVOTHYROXINE TREATMENT

Strongin LG¹, Nekrasova TA¹, Ledentsova OV², Lukushkina AY¹

¹Nizhny Novgorod State Medical Academy, Endocrinology, Nizhny Novgorod, Russian Federation, ²Nizhny Novgorod Regional Diagnostic Center, Endocrinology, Nizhny Novgorod, Russian Federation

P83

SCREENING FOR UNDIAGNOSED HYPOTHYROIDISM IN CHILDREN AND ADOLESCENTS WITH TYPE 1 DIABETES MELLITUS IN ARMENIA

Navasardyan L¹, Aghajanova Y¹, Markosyan R¹, Bayburdyan G¹

¹Yerevan State Medical University, Endocrinology Department, Yerevan, Armenia

P84

IS FREQUENCY OF ETIOLOGIES AND INCIDENCE OF CONGENITAL HYPOTHYROIDISM CHANGING?

Maciel LMZ¹, Magalhaes PKR¹

¹University of Sao Paulo, Internal Medicine, Ribeirao Preto, Brazil

P85

SUBCLINICAL HYPOTHYROIDISM AND THE RISK OF CORONARY HEART DISEASE

Novakovic T¹, Jovičević L², Inić-Kostić B³, Milinić S¹, Pajović S¹

¹Clinic for internal Diseases, Clinical Centre of Pristina, University of Kosovska Mitrovica, Kosovska Mitrovica, Serbia, ²Ministry of Health Montenegro, Podgorica, Montenegro, ³Health Centre Gračanica, Gračanica, Serbia

P86

RISK FACTORS FOR THE DEVELOPMENT OF HYPOTHYROIDISM AFTER RADIOIODINE THERAPY OF FUNCTIONAL THYROID AUTONOMY

Valuyevich VV¹, Saenko VA², Danilova LP³, Diekmeyer B⁴, Ostwald-Lenz E⁴, Kaiser KP⁴, Rogounovitch Tl², Mine M², Tuzava HA², Wieler H⁴, Yamashita S²

¹Main Military Clinical Medical Center, Minsk, Belarus, ²Nagasaki University Graduate School of Biomedical Sciences, Nagasaki, Japan, ³Belarusian Medical Academy for Postgraduate Education, Minsk, Belarus, ⁴Central Military Hospital, Koblenz, Germany

P87

CHARACTERISTICS OF CELLULAR PART OF IMMUNE RESPONSE IN POSTMENOPAUSAL WOMEN WITH AUTOIMMUNE THYREOIDITE

Karachentcev Y¹, Goncharova O², Kravchun N¹, Iliyina I¹

¹PI "V. Danilevsky Institute of Endocrine Pathology Problems at AMS of Ukraine", AMS of Ukraine, Kharkov, Ukraine, ²Kharkov Medical Academy of Postgraduate Education, Kharkiv, Ukraine

PO9 Cytology

Chair: Teresa Rago (Pisa, Italy)

P88

SHOULD WE ASSESS ALL THYROID NODULES BY FINE NEEDLE ASPIRATION BIOPSY FOR THE DIAGNOSIS OF THYROID CANCER? AND IS BRAF MUTATION ANALYSIS HELPFUL?

Rossi M¹, Trasforini G¹, Buratto M¹, Tagliati F¹, Rossi R¹, degli Uberti EC¹, Zatelli MC¹

¹University of Ferrara, Section of Endocrinology, Dept of Biomedical Sciences and Advanced Therapies, Ferrara, Italy

P89

THE USE OF SET OF GENETIC MARKERS HELP TO DISCRIMINATE BENIGN AND MALIGNANT THYROID NODULES WITH A FINE NEEDLE ASPIRATION PATTERN OF FOLLICULAR PROLIFERATION IN AN AREA OF BORDERLINE IODINE DEFICIENCY

Niccolai F¹, Agretti P¹, Rago T¹, Scutari M¹, Molinaro A¹, Candelieri A², Di Coscio G³, Basolo F³, Iacconi P³, Miccoli P³, Di Cosmo C¹, Pinchera A¹, Vitti P¹, Tonacchera M¹

¹Universita' di Pisa, Endocrinology and Metabolism, Pisa, Italy, ²Universita' di Cosenza, Cosenza, Italy,

³Universita' di Pisa, Pisa, Italy

P90

CLASS III β -TUBULIN EXPRESSION IN PAPILLARY THYROID CARCINOMA: AN IMMUNOHISTOCHEMICAL ASSESSMENT

Colato C¹, Gobbato M¹, Dardano A², Brazzarola P³, Monzani F², Chilosi M¹, Ferdeghini M¹

¹University of Verona, Pathology and Diagnostics, Verona, Italy, ²University of Pisa, Internal Medicine, Pisa, Italy, ³University of Verona, Surgery, Verona, Italy

P91

THE ROLE OF IMMUNOHISTOCHEMISTRY FOR THYROID PEROXIDASE, GALECTIN-3, CYTOKERATIN-19 AND HBME1 IN THE DIFFERENTIAL DIAGNOSIS OF THYROID TUMORS

Savin S¹, Isic T¹, Marecko I¹, Paunovic I², Tatic S³, Cvejic D¹

¹Inst. for the Application of Nuclear Energy - INEP, University of Belgrade, Zemun-Belgrade, Serbia, ²Clinical Center of Serbia, Belgrade, Serbia, ³Inst. of Pathology, Medical Faculty, University of Belgrade, Belgrade, Serbia

P92

DIAGNOSTIC ACCURACY OF FINE NEEDLE ASPIRATION BIOPSY CYTOLOGY AND ULTRASONOGRAPHY IN PATIENTS WITH THYROID NODULES DIAGNOSED AS BENIGN OR INDETERMINATE BEFORE THYROIDECTOMY

Sugino K¹, Ito K¹, Nagahama M¹, Kitagawa W¹, Shibuya H¹, Okuwa K¹, Yano Y¹, Uruno T¹, Kameyama K², Ito K¹

¹Ito hospital, Surgery, Tokyo, Japan, ²Keio University, Pathology, Tokyo, Japan

P93

NEW CLASSIFICATION OF THE THYROID FNAB RESULTS - THE IMPACT ON FREQUENCY OF PARTICULAR DIAGNOSES FROM FOLLICULAR LESIONS IN POSTENDEMIC AREA

Woźniak E¹, Sporny S², Popowicz B¹, Klencki M¹, Słowińska-Klencka D¹

¹Medical University of Lodz, Department of Morphometry of Endocrine Glands, Lodz, Poland, ²Medical University of Lodz, Department of Dental Pathomorphology, Lodz, Poland

P94

IN FINE NEEDLE CYTOLOGY SPECIMENS CLASSIFIED THY 4, NUCLEAR INCLUSIONS HAVE A HIGH PREDICTIVE VALUE FOR THYROID CANCER.

Arena S¹, Latina A², Marturano I², Muscia V², Stornello M¹, Italia S¹, La Rosa GL², Vigneri R²

¹ASP 8 Siracusa, Internal Medicine - Section of Endocrinology and Metabolic Diseases, Umberto I Hospital, Siracusa, Italy, ²University of Catania, Clinical and Molecular Bio-Medicine, Garibaldi-Nesima Hospital, Catania, Italy

P95

GENOME-WIDE MICRORNA ANALYSIS PERFORMED ON SINGLE IN VIVO FINE-NEEDLE ASPIRATES FROM SOLID COLD THYROID NODULES: A PROSPECTIVE TRANSLATIONAL STUDY

Rossing M¹, Kaczkowski B², Nygaard B³, Nielsen FC¹, Bennedbaek FN³

¹Rigshospitalet, Copenhagen University Hospital, Copenhagen, Denmark, ²The Bioinformatic Center, University of Copenhagen, Copenhagen, Denmark, ³Herlev Hospital, University of Copenhagen, Herlev, Denmark

P96

CONTRIBUTION OF ULTRASOUND-GUIDED FINE NEEDLE ASPIRATION CYTOLOGY (UGFNA) TO AMBULATORY SURGICAL MANAGEMENT OF THYROID NODULES - RETROSPECTIVE ANALYSIS OF 132 CONSECUTIVE CASES

Godinho Matos ML¹, Rangel R¹, Lázaro A², Milheiro A², Carvalho A², Tavares P³, Coutinho JM³

¹Hospital Curry Cabral, Endocrinology, Lisbon, Portugal, ²Hospital Curry Cabral, Histopatologia, Lisbon, Portugal, ³Hospital Curry Cabral, Surgery, Lisbon, Portugal

P97

DIFFICULTIES IN DIAGNOSIS OF FOLLICULAR TUMORS IN FINE NEEDLE ASPIRATION BIOPSY OF THE THYROID GLAND

Wojtczak B¹, Domostawski P¹, Sutkowski K¹, Głód M¹, Łukieńczyk T¹

¹Wrocław Medical University, 1st Department of General, Gastroenterological and Endocrine Surgery, Wrocław, Poland

P98

FREQUENCY AND INTENSITY OF PAIN OCCURRING DURING AND AFTER FINE NEEDLE ASPIRATION BIOPSY OF THYROID NODULES

Labro S¹, Borget I², Laurent S¹, Dauchy S¹, Vielh P³, Bidault S⁴, Girard E⁴, Chougnat C⁵, Mirghani H⁶, Baudin E⁵, Hartl D², Schlumberger M⁵, Leboulleux S⁵

¹Institut Gustave-Roussy, Pain Medicine, Villejuif, France, ²Institut Gustave-Roussy, Statistics, Villejuif, France, ³Institut Gustave-Roussy, Pathology, Villejuif, France, ⁴Institut Gustave-Roussy, Medical Imaging, Villejuif, France, ⁵Institut Gustave-Roussy, Nuclear Medicine and Endocrine Oncology, Villejuif, France, ⁶Institut Gustave-

Roussy, Surgery, Villejuif, France

P99

THYROID ULTRASOUND AND ULTRASOUND GUIDED FNA WITH THYROGLOBULIN DETERMINATION IN THE FOLLOW-UP OF THROID CANCER PATIENTS.

López-Plasencia Y¹, Marrero-Arencibia D¹, Garcia-Delgado Y¹, Pérez-Martín N¹, Alberiche-Ruano MP¹, Nóvoa-Mogollón FJ¹

¹Hospital Universitario Insular de Gran Canaria, Las Palmas, Spain

P100

FINE NEEDLE ASPIRATION BIOPSY IN THYROID NODULAR DISEASE - 10 YEARS OF EXPERIENCE IN A MILITARY UNIVERSITY HOSPITAL

Marcelino M¹, André S², Figueiredo L³, Lopes C⁴, Passos D¹, Vilar H¹, Lopes L¹, Carvalho R¹, Castro J¹

¹Military Hospital, Endocrinology, Lisbon, Portugal, ²Military Hospital, Pathology, Lisbon, Portugal, ³Military Hospital, Imagiology, Lisbon, Portugal, ⁴Military Hospital, Surgery, Lisbon, Portugal

P101

HASHIMOTO'S THYROIDITIS AT US: IMAGING-CYTOLOGIC CORRELATION

Kim SJ¹, Chong S¹, Chung Y-J², Park SJ³

¹Chung-Ang University Medical Center, Chung-Ang University College of Medicine, Department of Radiology, Seoul, Korea, Republic of, ²Chung-Ang University Medical Center, Chung-Ang University College of Medicine, Department of Internal Medicine Division of Endocrinology, Seoul, Korea, Republic of, ³Chung-Ang University Medical Center, Chung-Ang University College of Medicine, Department of Surgery, Seoul, Korea, Republic of

PO10 Pregnancy

Chair: Milos Zarkovic (Belgrade, Serbia)

P102

ALTERATIONS IN MILK AND URINARY IODINE VALUES IN EARLY PREGNANCY IN THE ABSENCE OF A SALT IODISATION PROGRAMME

Smyth PP^{1,2}, Burns R³, O'Herlihy C^{3,4}

¹University College Dublin, School of Medicine and Medical Science, Dublin, Ireland, ²National University of Ireland, Galway, School of Physics, Galway, Ireland, ³University College Dublin, School of Medicine, Dublin, Ireland, ⁴National Maternity Hospital, Dublin, Ireland

P103

PROSPECTIVE STUDY OF CLINICAL EVALUATION AND OUTCOME OF PREGNANT WOMEN FOR THYROID DYSFUNCTION

Maciel LMZ¹, Saueia-Ferreira SM¹, Maqalhaes PKR¹, Navarro AM¹, Duarte G², Quintana SM²

¹University of Sao Paulo, Internal Medicine, Ribeirao Preto, Brazil, ²University of Sao Paulo, Gynecology and Obstetrics, Ribeirao Preto, Brazil

P104

PREVALANCE OF GESTATIONAL DIABETES MELLITUS IN PATIENTS WITH GESTATIONAL TRANSIENT THYROTOXICOSIS

Oguz A¹, Tuzun D¹, Ozdemir D¹, Bacı Y¹, Ersoy R¹, Avsar F², Cakir B¹

¹Ankara Ataturk Education and Research Hospital, Department of Endocrinology and Metabolism, Ankara, Turkey, ²Ankara Ataturk Education and Research Hospital, Department of Gynecology and Obstetrics, Ankara, Turkey

P105

PERMANENT BUT NOT TRANSIENT SECONDARY HYPOTHYROIDISM IN A NEWBORN OF MOTHER WITH A PAST HISTORY OF GRAVES' DISEASE: TRANSITION FROM HYPER- TO HYPOTHYROIDISM

Niedziela M¹

¹Poznan University of Medical Sciences, Department of Pediatric Endocrinology and Rheumatology, Poznan, Poland

P106

THE EFFECT OF SUPEROVULATION STIMULATION ON THYROID FUNCTION IN CARRIERS OF THYROID

PEROXIDASE ANTIBODIES

Skrynnik E¹, Troshina E¹, Vityazeva I¹, Vagapova L²

¹Federal Endocrinological Scientific Center, Moscow, Russian Federation, ²Regional Centre of Reproduction and Family Planning, Orenburg, Russian Federation

P107

THYROID FUNCTION IN PREGNANT THYROID PEROXIDASE ANTIBODY-POSITIVE WOMEN LIVING IN AN AREA WITH MILD IODINE DEFICIENCY

Payenok OS¹, Pankiv VI²

¹Medical University, Obstetrics and Gynecology, Lviv, Ukraine, ²Centre of Endocrinology, Preventive Endocrinology, Kyiv, Ukraine

P108

THE PECULIARITIES OF THYROID DYSFUNCTION AND ANTI-THYROID PEROXIDASE ANTIBODIES DURING PREGNANCY AND AFTER DELIVERY

Javashvili L¹, Morchiladze N², Tkeshelashvili B², Gagua D², Dundua T¹, Tananashvili D¹

¹Clinic Cortex, Tbilisi, Georgia, ²D.Gagua Clinic, Tbilisi, Georgia

P109

ASSESSMENT OF THYROID FUNCTION AND IODINE SUPPLY OF THE GROUP OF HEALTHY PREGNANT WOMEN FROM CENTRAL POLAND

Krasnodebska M¹, Niedźwiedźka B², Kondracka A¹, Bartoszewicz Z^{1,3}, Bar -Andziak E¹, Bednarczuk T^{1,3}

¹Warsaw Medical University, Chair and Department of Internal Diseases and Endocrinology, Warsaw, Poland, ²Medical University of Lodz, Department of Obstetrics and Gynecology, Lodz, Poland, ³Medical Research Center Polish Academy of Sciences, Department of Endocrinology, Warsaw, Poland

P110

A CASE OF PROPYLTHIOURACIL-INDUCED HEPATITIS DURING PREGNANCY, REQUIRING CESSATION OF PROPYLTHIOURACIL AND SUBSEQUENT SUCCESSFUL TREATMENT WITH CARBIMAZOLE

Taylor PN¹, Bhatt S², Dunlop D³, Quinlan J², Robinson A⁴

¹University of Cardiff, Centre for Diabetes and Endocrine Sciences, Cardiff, United Kingdom, ²Royal United Hospital, Department of Gastroenterology, Bath, United Kingdom, ³Royal United Hospital, Department of Obstetrics, Bath, United Kingdom, ⁴Royal United Hospital, Department of Endocrinology, Bath, United Kingdom

P111

DYNAMICS OF CHANGES IN THE ATPO LEVEL IN PREGNANT WOMEN IN EACH TRIMESTER OF PREGNANCY WITH NORMAL AND INCREASED LEVEL OF ATPO.

Kostecka-Matyja M¹, Hubalewska-Dydejczyk A¹, Pach D¹, Basta A², Kaim I²

¹Collegium Medicum Jagiellonian University, Department of Endocrinology, Cracow, Poland, ²Collegium Medicum Jagiellonian University, Department of Obstetrics and Gynecology, Cracow, Poland

P112

PREVENTATION OF IODINE DEFICIENCY IN PREGNANT AND LACTATING WOMEN: EPIDEMIOLOGICAL STUDIES

Abdulhabirova F¹, Troshina E¹, Sekinaeva A¹, Platonova N¹

¹Federal Endocrinological Scientific Center, Moscow, Russian Federation

P113

CHANGES IN THE VOLUME OF THYROID GLAND IN PARTICULAR TRIMESTER OF PREGNANCY -OWN OBSERVATION

Kostecka-Matyja M¹, Pach D¹, Hubalewska-Dydejczyk A¹, Trofimiuk M¹, Buziak-Bereza M¹, Gil J¹, Basta A², Kaim I²

¹Collegium Medicum Jagiellonian University, Department of Endocrinology, Cracow, Poland, ²Collegium Medicum Jagiellonian University, Department of Obstetrics and Gynecology, Cracow, Poland

P114

SEVERE HYPEREMESIS GRAVIDARUM ASSOCIATED TO PANCREATITIS AND CHOLECYSTITIS

Gilly O¹, Paul C¹, Ferrari P², Anty R³, Hieronimus S¹, Brucker-Davis F¹

¹CHU Nice, Endocrinology, Nice, France, ²CHU Nice, Biochemistry, Nice, France, ³CHU Nice, Hepato-Gastroenterology, Nice, France

P115

HEALTH OF NEWBORNS FROM MOTHERS WITH HASHITOXICOSIS

Muratova S¹, Nugmanova L¹, Abdazova R¹, Ismailov S¹, Dadamjan R¹

¹MC of Endocrinology, Tashkent, Uzbekistan