

# 5th ENEA WORKSHOP

HYPERPROLACTINEMIA AND OTHER ENDOCRINE CAUSES OF INFERTILITY

September 7-9, 2017 | Saint-Petersburg, Russia



# WELCOME MESSAGE

# Dear colleagues and friends!

On behalf of the ENEA Executive Committee and as Chair of the Local Organizing Committee it is my great pleasure to welcome everyone interested in hot topics of hyperprolactinemia and learning about state-of-the-art diagnostic and treatment techniques at the 5th ENEA Workshop "Hyperprolactinemia and other endocrine causes of infertility".

A thoroughly planned interactive scientific programme was created for this meeting by the international Workshop and Study Committee in collaboration with the Local Committee to meet the highest standards and fulfill expectations of the audience. It includes lectures and discussions on a wide range of acute issues starting from the new prolactin effects and pathogenic mechanisms of hyperprolactinemia and prolactinoma development to the current approaches of their treatment. Some sessions will focus on endocrine causes of infertility. We believe it will be informative and valuable to a wide range of medical specialists and will provide an excellent opportunity for the exciting and fruitful discussions.

The meeting venue — Saint-Petersburg — is an attractive place for living, studying, business and leisure. Built on the abundant waters and with many bridges it has been rightfully named among the most beautiful cities of Europe. Its historical centre, as well as palaces and park ensembles in the suburbs have been included in the list of the world heritage objects protected by UNESCO.

We are delighted and honoured to welcome our delegates and guests in Saint-Petersburg!



Sincerely yours, **Prof. Elena Grineva**Chair of the Local Organizing Committee

# **SECRETARIATS**

# **EUROPEAN NEUROENDOCRINE ASSOCIATION**

President: Alberto Pereira (Netherlands) President-Elect: Thierry Brue (France)

Secretary: Marily Theodoropoulou (Germany) Treasurer: Patrick Petrossians (Belgium)

# **EXECUTIVE COMMITTEE**

Davide Carvalho (Portugal) Clara Alvarez (Spain) Gregory Kaltsas (Greece) Jacques Drouin (Canada) Lucio Vilar (Brazil)

Maria Chiara Zatelli (*Italy*)
Maria Tichomirowa (*Luxemburg*)

Rosario Pivonello (Italy)

# **ENEA WORKSHOP AND STUDY COMMITTEE**

Chair: Ilan Shimon (Israel)

ENEA ExCo representative: Thierry Brue (France)

Components: Marta Korbonits (UK)

Adrian Daly (Belgium)

# PROGRAMME ORGANIZING COMMITTEE

Chair: Ilan Shimon (Israel)

Co-chair: Elena Grineva (Russia)

Adrian Daly (Belgium)

Maria Tichomirowa (Luxemburg)

Marta Korbonits (UK)

Marily Theodoropoulou (Germany)

Uliana Tsoy (Russia)

Gianluca Tamagno (*Ireland*) Alberto Pereira (*Netherlands*)

# LOCAL ORGANIZING COMMITTEE

Chair: Elena Grineva (Saint-Petersburg)

Members: Natalia Volkova (Rostov-on-Don)

Sergey Dogadin (Krasnoyarsk) Irena Ilovayskaya (Moscow)

Tatiana Karonova (Saint-Petersburg) Yury Khalimov (Saint-Petersburg) Polina Popova (Saint-Petersburg) Maria Tichomirowa (Luxembourg) Uliana Tsoy (Saint-Petersburg)

Ekaterina Uvarova (Saint-Petersburg)

# WORKSHOP VENUE

Park Inn by Radisson Pribaltiyskaya Hotel 199226, Saint-Petersburg 14 Korablestroiteley Street Vasilyevsky Island



#### SAINT-PETERSBURG

The venue of the conference was chosen conveniently. Saint-Petersburg is a very modern and yet historically significant city. Many famous physicians — Pavlov, Sechenov, Botkin, Lang, Korotkov and many others — lived, worked and made important scientific discoveries in Saint-Petersburg.

The city of science and production, the city of culture and education, the former Russian capital, the navy port, the most European city of the country — all of these is Saint-Petersburg. The delegates of the conference will have a lot to see, visit and experience in September 2017 — the time of a beautiful golden autumn and opening of the theatrical season.



# GENERAL INFORMATION

Official language is English.

# REGISTRATION

	Before June 30 <sup>th</sup> , 2017	From July 1 <sup>st</sup> , 2017 till August 28 <sup>th</sup> , 2017	On-site
ENEA Member	350 €	450 €	550 €
ENEA non Member	450 €	550 €	650 €

#### **REGISTRATION FEE INCLUDES:**

- Admission to congress opening and all congress sessions
- Admission to Poster Area and Exhibition
- Certificate of Attendance
- All congress materials and a name badge
- Scientific Programme
- Abstract Book on a CD
- Entrance to the Get Together Reception
- All refreshment breaks during the congress

# **REGISTRATION FEE DOES NOT INCLUDE:**

Accommodation and tickets to the social events (unless stated)

# **OPENING HOURS OF THE REGISTRATION COUNTER ON-SITE:**

September 7<sup>th</sup>, 2017 10:00–17:00 September 8<sup>th</sup>, 2017 08:00–17:00 September 9<sup>th</sup>, 2017 08:00–12:00

# **NAME BADGE**

All delegates will receive their name badges when collecting their workshop documents. The participants are kindly requested to wear their name badges during all meeting events. Please note that admission to the scientific sessions will be allowed to participants wearing their badges only.

# **GUIDELINES FOR SPEAKERS**

The speakers are kindly requested not to exceed the time limits indicated in the scientific programme.

The speakers should hand over their PowerPoint presentations to the Media Check Room in advance, no later than 30 minutes prior to the session. The speakers can check and work with their presentations on several working stations.

Please note that all laptops in the Media Check Room are protected with antivirus software; in case of detecting a virus on the speaker's equipment (CD or USB) this software will be deleted. Technical personnel are not responsible for safety and correctness of the remaining files.

Presentation format — .ppt or .pptx (Microsoft Office PowerPoint 2003/2007/2010), requested format 16:9, standard animation. Multimedia files (audio and video) should be included in the PowerPoint presentation and in the same folder as the presentation file, acceptable formats for video files are .avi, .mp4, .wnv, maximum size for video file is 100 Mb, maximum video file resolution — 640x480 px. Higher resolution (full HD) is acceptable only if approved by the technical staff.

The meeting rooms are equipped with laptops connected to projectors and/ or screens. Using speaker's equipment is forbidden. No personal laptops are allowed. All laptops are provided with sliders, which can be changed to the similar speaker's slider if approved by the technical staff.

Additional information for Mac Users: it is possible to convert Keynote into PowerPoint presentations in the Media Check Room. Please make sure you have enough time for this.

# **GUIDELINES FOR POSTER PRESENTERS**

Posters should be printed in portrait format, 120x90cm, in English. Mounting materials will be available on-site. Each poster has its specific number which corresponds with the number on the poster board. The staff will assist in locating the poster wall and putting up the poster.

Posters must be mounted on the day of the poster session and removed at the end of the day. Please note that posters not removed by the end of the day cannot be stored and will be removed.

Posters must be mounted on the day of the poster session from 08.00 till 09.00.

Moderated Poster Sessions will be held at the following times:

September 7<sup>th</sup> from 14:00 till 14:30 P01-01 — P01-20

September 7<sup>th</sup> from 16:40 till 17:10 P01-21 — P01-28, P02 1-13

September 8<sup>th</sup> from 13:00 till 14:30 P03 — P06

The poster presenters are kindly requested to stay near their posters during the poster sessions.

# **WIFI**

WiFi will be provided at the conference venue.

#### **TRANSPORTATION**

Saint-Petersburg is the second largest city of Russia and located in the European part of the country. Pulkovo Airport serves frequent connections to all major European cities.

The workshop venue, Park Inn by Radisson Pribaltiyskaya Hotel, is located in the central part of the city and can be easily reached by public transport.

The closest metro stop — Primorskaya — Metro Line 3 (Green Line). Then take urban buses n. 7, 128, 151, 158 to the Pribaltiyskaya Hotel.

# FROM THE PULKOVO AIRPORT By public transport:

Bus n. 39 goes directly from the airport to the "Moskovskaya" metro stop (Blue Line), then from the "Moskovskaya" to the "Nevsky prospect" stop. Then you can choose to change to the Green Line and go to the "Primorskaya" metro stop or use bus n. 7 or trolleybus n. 11 to go to the hotel.

# By taxi:

Use mobile apps like Uber, Gett Taxi, Yandex Taxi, or call directly 068, +7 (812) 600-00-00, +7 (812) 700-00-00, +7 (812) 333-00-00, or ask one of the taxi services at the airport.

# FROM THE MOSKOVSKY RAILWAY STATION

The entrance to the "Mayakovskaya" metro stop (Green Line) is located at the Railway station. Then you can go to the "Primorskaya" metro stop. Bus n. 7 goes directly from the Moskovsky Railway station to the Pribaltiyskaya hotel.

# FROM THE FINLAND RAILWAY STATION

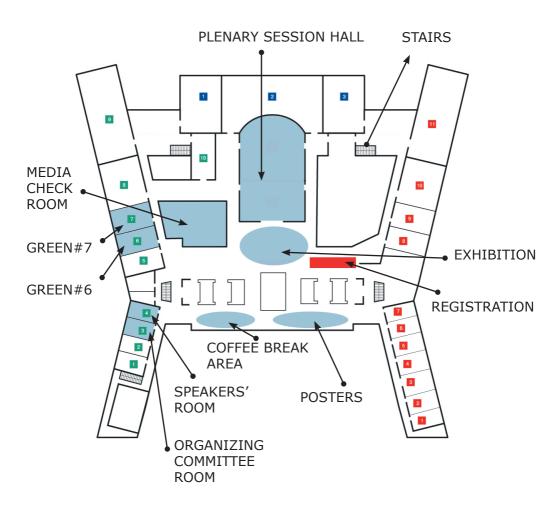
From the "Ploschad Lenina" metro stop (Red Line) go to the "Ploschad Vosstaniya" stop and change to the "Mayakovskaya" stop (Green Line). Then go directly to the "Primorskaya" metro stop.

Minibuses K30 and K32 go directly from the Finland Railway station to the Pribaltiyskaya Hotel.

# SAINT-PETERSBURG METRO MAP



# FLOOR PLANS (2 FLOOR)



# SOCIAL PRORAMME

# **GET TOGETHER DINNER**

September 7<sup>th</sup>, 2017 (Thursday) at 19:00 Park Inn by Radisson Pribaltiyskaya Hotel — 14 Korablestroiteley st., Vasilyevsky Island

Free for registered delegates and exhibitors

# **ENEA NETWORK DINNER — RUSSIAN EVENING**

September 8<sup>th</sup>, 2017 (Friday) at 19:00 Mikhailovsky Castle — 2 Sadovaya st.

Price: €90 per person

Ticket can be purchased on-site at the Registration Desk.

Transportation: the closest metro stop — "Nevsky Prospekt" (Blue Line) / "Gostiny Dvor" (Green Line).

Bus departure from the Workshop venue at 18:00.



# SCIENTIFIC PROGRAMME

# THURSDAY, SEPTEMBER 7, 2017

# **PLENARY SESSION HALL**

11:15-12:20	ENEA YOUNG INVESTIGATORS SYMPOSIUM (1) Chair: Maria Tichomirowa	
11:15	SSTR5 is expressed in prolactinomas and suppresses prolactin promoter activity Ran Li, Germany	
11:27	Differential genes expression in human umbilical vein endothelial cells in gestational diabetes: a role in cardio-metabolic disease programming <i>Polina Popova, Russia</i>	
11:39	Primary autoimmune hypophysitis with normal or elevated prolactin as a cause of infertility Sabrina Chiloiro, Italy	
11:51	Evaluation of a relationship between postprandial blood glucose curve and food intake characteristics in gestational diabetes patients  Evgeney Pustozerov, Russia	
12:03	IGF-1 may paradoxically increase with cabergoline treatment for prolactinomas Amit Akirov, Israel	
12:15	Discussion	
12:30-13:00	ENEA WORKSHOP OPENING CEREMONY	
13:00-14:00	PRESENTATIONS OF ENEA STUDIES Chair: Alberto Pereira	
13:00	MISSION Study Rosario Pivonello, Italy	
13:10	AMORE Study Annamaria Colao, Italy	
13:20	Heros Study Ilan Shimon, Israel	

13:30	Mappy Study Thierry Brue, France
13:40	New Prolactinoma Study Elena Grineva, Russia
14:00-14:30	Coffee Break; Exhibition and Poster Review
14:30-15:30	PLENARY Chairs: Jacques Drouin, Marily Theodoropoulou
14:30	Prolactin and Prolactin Receptor Vincent Goffin, Belgium
15:00	Dopamine, Dopamine Agonists, Dopamine Receptors Leo J. Hofland, The Netherlands
15:40-16:40	PROLACTINOMAS — EPIDEMIOLOGY, GENETICS, GENDER Chairs: Annamaria Colao, Patrick Petrossians
15:40	Epidemiology of Prolactinomas  Albert Beckers, Belgium
16:00	Genetic Causes of Prolactinomas Thierry Brue, France
16:20	Why prolactinomas differ between males and females? Pia Burman, Sweden
16:40-17:10	Coffee Break; Exhibition and Poster Review
17:10-17:50	HYPERPROLACTINEMIA CO-MORBIDITIES Chairs: Maria Chiara Zatelli, Lucio Vilar
17:10	Breast Cancer and other Malignancies Olaf Dekkers, The Netherlands
17:30	Obesity and Metabolic syndrome Felipe Casanueva, Spain
18:00-18:45	THE ROLF GAILLARD PRIZE LECTURE Chair: Alberto Pereira
19:00-20:30	GET TOGETHER DINNER

# FRIDAY, SEPTEMBER 8, 2017

# **08:30-9:10 MEET THE EXPERT**

# **GREEN 6 HALL**

Hyperprolactinemia — challenges & pitfalls *Lucio Vilar, Brazil* 

# PLENARY SESSION HALL

Hyperprolactinemia — differential diagnosis *Peter Trainer, UK* 

# **GREEN 7 HALL**

Prolactinomas — pregnancy & lactation Marcello Bronstein, Brazil

# **PLENARY SESSION HALL**

09:15-10:15	Plenary Chair: Gunter K Stalla
09:15	Dopamine Agonists — from the 70 <sup>th</sup> up today <i>Annamaria Colao, Italy</i>
09:45	Prolactinomas — Treatment Guidelines John A Wass, UK
10:15-10:45	Coffee Break; Exhibition and Poster Review
10:45-11:45	Current Management of Prolactinomas Chairs: Vera Popovic, Ilan Shimon
10:45	Dopamine Agonist Withdrawal Rosario Pivonello, Italy
11:05	Surgical Treatment Michael Buchfelder, Germany
11:25	Radiotherapy Frederic Castinetti, France
11:50-13:00	ENEA Young Investigators Symposium (2) Chair: Gianluca Tamagno

11:50	Dopamine receptors DR-D2 expression by immunohistochemistry in patients with meningiomas Lesly Portocarrero, Mexico
12:02	Serum kisspeptin levels in healthy and hypogonadotropic boys Yulia Khoduleva, Russia
12:14	Resistant prolactinoma: a cohort of 30 Israeli patients Tamar Eshkoli, Israel
12:26	Prolactinoma management: predictors of remission and recurrence after dopamine agonist withdrawal <i>Pedro Souteiro, Portugal</i>
12:38	Effects of therapy with inositol alone or combined with cabergoline on menstrual irregularity and androgen levels in polycystic ovary syndrome women with hyperprolactinemia Renata S. Auriemma, Italy

# 12:50 Discussion

# 13:00–14:30 Lunch and Poster Review

14:30-16:10	Special Circumstances Chairs: Irena Ilovayskaya, Thierry Brue
14:30	Prolactinomas in Children/adolescents Philippe Chanson, France
14:50	Prolactinomas in the Post-menopausal Period Vera Popovic, Serbia
15:10	Giant Prolactinomas Ilan Shimon, Israel
15:30	Prolactin-cell Carcinomas Gerald Raverot, France
15:50	Hypoprolactinemia Giovanni Corona, Italy
16:10-16:45	Coffee Break and Poster Review

16:45-17:45	Neuroendocrinology: What is new and clinically relevant? Supported by Pfizer Chairs: Galina Melnichenko
16:45	Hyperprolactinemia diagnosis and treatment: Russian perspectives <i>Irena Ilovayskaya, Russia</i>
17:10	Acromegaly Management: from Guidelines to real Practice. Russian Register Elena Przhiyalkovskaya, Russia
17:35	Discussion
19:00	RUSSIAN EVENING (DEPARTURE 18.00)

# SATURDAY, SEPTEMBER 9, 2017

# 08:30-9:10 MEET THE EXPERT

# **GREEN 6 HALL**

Hyperprolactinemia — challenges & pitfalls *Lucio Vilar, Brazil* 

# PLENARY SESSION HALL

Prolactinomas — pregnancy & lactation *Marcello Bronstein, Brazil* 

# **PLENARY SESSION HALL**

# 09:15–10:15 Predictors of Dopamine Agonist resistance Chairs: Uliana Tsoy, Marek Bolanowski 09:15 Dopamine Agonist Resistance — Clinical aspects Dominique Maiter, Belgium 09:35 Pathology — Predictors of aggressiveness in lactotroph tumors Jacqueline Trouillas, France

09:55 Prolactinoma Imaging — Predictors of Aggressiveness Jean François Bonneville, France

# 10:15-10:45 Coffee Break

10:45-11:45	Endocrine Causes of Infertility Chairs: Galina Melnichenko, Philippe Chanson
10:45	Hypopituitarism and fertility Irena Ilovayskaya, Russia
11:05	Thyroid and infertility Elena Grineva, Russia
11:25	Polycystic Ovary Syndrome, Obesity, and Pregnancy Gregory Kaltsas, Greece
11:50-12:50	Treatment Complications Chairs: Elena Grineva, Albert Beckers
	Chairst Elena Crineva, Albert Beckers
11:50	Valvular Damage Alberto Pereria, The Netherlands
11:50 12:10	Valvular Damage
	Valvular Damage Alberto Pereria, The Netherlands Psychiatric Effects

# ORAL PRESENTATION 01

Abstract-ID: OP01-01

EFFECTS OF THERAPY WITH INOSITOL ALONE OR COMBINED WITH CABERGOLINE ON MENSTRUAL IRREGULARITY AND ANDROGEN LEVELS IN POLYCYSTIC OVARY SINDROME WOMEN WITH HYPERPROLACTINEMIA

Renata S. Auriemma, Francesco Garifalos, Luciana Granieri,

Marialuisa Di Cera, Dario De Alcubierre, Chiara Simeoli, Claudia Pivonello,

Annamaria Colao, Rosario Pivonello

Abstract-ID: OP01-02

SSTR5 IS EXPRESSED IN PROLACTINOMAS AND SUPPRESSES

PROLACTIN PROMOTER ACTIVITY

Ran Li, Ting Lei, Gunter Stalla, Marily Theodoropoulou

Abstract-ID: OP01-03

DIFFERENTIAL GENES EXPRESSION IN HUMAN UMBILICAL VEIN

ENDOTHELIAL CELLS IN GESTATIONAL DIABETES CASES: ROLE IN CARDIO-METABOLIC DISEASES PROGRAMMING

Polina Popova, Ludmila Vasileva, Aleksandra Tkachuk, Maksim Puzanov, Alexey Golovkin, Yana Bolotko, Andrey Gerasimov, Irina Zazerskaya,

Renata Dmitrieva, Elena Grineva

Abstract-ID: OP01-04

PRIMARY AUTOIMMUNE HYPOPHYSITIS WITH NORMAL OR ELEVATED

PROLACTINEMIA AS CAUSE OF INFERTILITY

Sabrina Chiloiro, Tommaso Tartaglione, Antonella Giampietro, Angelo Zoli,

Antonio Bianchi, Chiara Bima, Alfredo Pontecorvi, Laura De Marinis

Abstract-ID: OP01-05

EVALUATION OF RELATIONSHIP BETWEEN POSTPRANDIAL BLOOD

GLUCOSE CURVE AND FOOD INTAKE CHARACTERISTICS IN

**GESTATIONAL DIABETES PATIENTS** 

Evgeney Pustozerov, Polina Popova, Yana Bolotko,

Aleksandra Tkachuk, Andrey Gerasimov, Elena Grineva

Abstract-ID: OP01-06

IGF-1 MAY PARADOXICALLY INCREASE WITH CABERGOLINE TREATMENT

FOR PROLACTINOMAS

Amit Akirov, Yona Greenman, Ben Glaser, Yossi Manisterski,

Ilana Slutzky-Shraga, Ilan Shimon

# ORAL PRESENTATION 02

Abstract-ID: OP02-01

PREDICTIVE FACTORS OF NON-FUNCTIONING PITUITARY ADENOMA IN

PATIENTS WITH MILD HYPERPROLACTINEMIA

Eun Jig Lee, Cheol Ryong Ku, Jae Won Hong, Daham Kim

Abstract-ID: OP02-02

DOPAMINE RECEPTORS DR-D2 EXPRESSION BY INMUNOHISTOCHEMISTRY

IN PATIENTS WITH DIAGNOSIS OF MENINGIOMAS

Jorge Navarro Bonnet, Alma Ortiz Plata, Juan Pablo Gonzalez Mosqueda,

Lesly Portocarrero

Abstract-ID: OP02-03

SERUM KISSPEPTINS LEVEL IN HEALTHY AND HYPOGONADOTROPIC BOYS Irina Nikitina, Yulia Khoduleva, Irena Nagornaya, Elena Vasileva,

Alekber Bairamov

Abstract-ID: OP02-04

RESISTANT PROLACTINOMA: A COHORT OF 30 ISRAELI PATIENTS

Tamar Eshkoli, Merav Fraenkel, Dayana Dayana, Uri Yoel, Gloria Tsvetov,

Alex Gorshtein, Dana Zaid, Yona Greenman, Ilan Shimon

Abstract-ID: OP02-05

PROLACTINOMA MANAGEMENT: PREDICTORS OF REMISSION AND

RECURRENCE AFTER DOPAMINE AGONISTS WITHDRAWL Margarida Teixeira, Pedro Souteiro, Davide Carvalho

# POSTER PRESENTATION

Abstract-ID: P01-01

SYNDROM HYPERPROLACTINEMIA IN PATIENTS WITH ACROMEGALY

Saodat Issaeva, Zamira Khalimova, Adliya Khalikova, Shokhsanam Safarova, Mijgona Safarova, Aliya Gumarova

Abstract-ID: P01-03

DIFFERENCES IN PROLACTINOMAS PRESENTING IN ADOLESCENCE/

PREADOLESCENCE AND IN THE ELDERLY: COMPARATIVE CLINICAL STUDY

Sandra Pekic Djurdjevic, Mirjana Doknic, Dragana Miljic,

Marko Stojanovic, Zvezdana Jemuovic, Marina Nikolic Djurovic,

Milica Medic Stojanoska, Vera Popovic, Milan Petakov

Abstract-ID: P01-04

TO THE OUESTION OF DIAGNOSTICS OF HYPERPROLACTINEMIC

SYNDROME IN REAL CLINICAL PRACTICE

Natalia Volkova, Maria Porksheyan

NEUROLOGICAL MANIFESTATIONS AS INITIAL PRESENTATION

OF INVASIVE AND GIANT PROLACTINOMAS

Lesly Portocarrero, Carmen Navas, Alejandro Terrones-Lozano, Alma Cristina Perez-Galvan, Edith Vargas, Sara Patricia Perez-Reyes

Abstract-ID: P01-06

PROLACTINOMAS IN SERBIAN FIPA PATIENTS

Dragana Miljic, Sandra Pekic Djurdjevic, Milica Medic Stojanoska, Mirjana Doknic, Marko Stojanovic, Marina Nikolic Djurovic, Verica Milosevic, Marta Korbonits, Vera Popovic, Milan Petakov

Abstract-ID: P01-07

GIANT PROLACTINOMA COMPLICATED BY CEREBROSPINAL FLUID RHINORRHOEA FOLLOWING DOPAMINE AGONIST THERAPY Mirjana Doknic, Sandra Pekic Djurdjevic, Dragana Miljic, Marko Stojanovic, Milan Petakov

Abstract-ID: P01-08

PROLACTINOMA AND EPILEPTIC SEIZURES

Yuliya Sidneva, Ludmila Astafyeva, Maxim Kutin, Oleg Zaitsev,

Pavel Kalinin

Abstract-ID: P01-09

GONADOTROPE-TESTICULAR AXIS IMPAIRMENT (GTAI) IN MEN WITH PROLACTINOMA AND IN THOSE WITH NON PROLACTIN-SECRETING HYPOTHALAMIC-PITUITARY LESIONS: A SINGLE-CENTER COMPARATIVE STUDY

Luigi Maione, Severine Trabado, Peter Kamenicky, Sylvie Salenave, Sylvie Brailly-Tabard, Philippe Chanson, Jacques Young

Abstract-ID: P01-10

PROLACTINOMAS IN SERBIAN FIPA PATIENTS

Dragana Miljic, Sandra Pekic Djurdjevic, Milica Medic Stojanoska, Mirjana Doknic, Marko Stojanovic, Marina Nikolic Djurovic, Verica Milosevic, Marta Korbonits, Vera Popovic, Milan Petakov

Abstract-ID: P01-11

COMPARSION OF PATIENTS WITH DOPAMINE AGONISTS SENSITIVE AND RESISTANT PATIENTS PROLACTINOMAS

Natalia Fedorova, Larisa Dzeranova, Ekaterina Pigarova,

Svetlana Vorotnikova

Abstract-ID: P01-12

PROLACTINPOOL VS. SINGLE SAMPLE DETERMINATION

Sandra Belo, Pedro Souteiro, Davide Carvalho, Joro Tiago Guimarres

CLINICAL AND BIOCHEMICAL FEATURES OF HYPERPROLACTINEMIC

WOMEN FORM MOSCOW REGION

Irena Ilovayskaya, Yulia Krivosheeva, Galina Stashuk, Alexander Dreval

Abstract-ID: P01-14

MIGHT SERUM PROLACTIN LEVELS PREDICT TUMOR SHRINKAGE

IN PITUITARY ADENOMAS ASSOCIATED WITH ISOLATED

HYPERPROLACTINEMIA?

Federico Gatto, Giulia Graziani, Laura Castelletti, Diego Criminelli, Gianluigi Zona, Massimo Giusti, Diego Ferone

Abstract-ID: P01-15

LESS PARTICIPATION AND AUTONOMY IN PATIENTS WITH

A PROLACTINOMA ARE ASSOCIATED WITH MORE IMPAIRMENTS

IN QUALITY OF LIFE

Cornelie Andela, A.A. Kaptein, A.M. Pereira, N.R. Biermasz

Abstract-ID: P01-16

VISUAL FIELDS EVALUATION AND PROLACTIN LEVELS ACCORDING

TO TUMORAL SIZE OF INVASIVE, GIANT, AND MEGA GIANT

MACROPROLACTINOMAS

Carmen Navas, Sara Patricia Perez-Reyes, Alejandro Terrones-Lozano,

Edith Vargas, Thamar Gymez-Villegas, Lesly Portocarrero

Abstract-ID: P01-17

CLINICAL AND MORPHOLOGICAL FINDINGS IN 7 CASES OF

PROLACTINOMAS. TRANSCRIPTION FACTORS

Olga Raspopova, Lubov Mitrofanova

Abstract-ID: P01-18

OLFACTORY MARKER PROTEIN MODULATES PROLACTIN SECRETION

IN LACTOTROPH

Cheol Ryong Ku, Daham Kim, Jae Won Hong, Eun Jig Lee

Abstract-ID: P01-19

MR-CHARACTERISTICS AS PREDICTORS OF PROLACTINOMA'S

HORMONAL AND PROLIFERAL ACTIVITI

Yulya Krivosheeva

Abstract-ID: P01-20

ENDOSCOPIC TRANSSPHENOIDAL SURGERY OF MICROPROLACTINOMAS:

A REAPPRAISAL OF CURE RATE BASED ON RADIOLOGICAL CRITERIA

Alexander Micko, Engelbert Knosp, Stefan Wolfsberger

PRIMARY MEDICAL TREATMENT OF HYPOGONADISM IN MEN WITH

TUMORAL HYPERPROLACTINEMIA

Nikolay Matsievskiy, Natalia Vorokhobina

Abstract-ID: P01-22

EFFICIENCY OF CABERGOLIN (A DOPAMIN-RECEPTOR AGONIST) IN TREATMENT OF WOMEN WITH TUMORAL HYPERPROLACTINEMIA

Nikolay Matsievskiy, Ksenia Solodilina, Natalia Vorokhobina,

Anna Matsievskaya

Abstract-ID: P01-23

EFFICACY OF CABERGOLINE A SELECTIVE DOPAMINE MIMETIC IN TREATMENT OF PATIENTS WITH HYPERPROLACTINEMIA Mijgona Safarova, Zamira Khalimova, Saodat Issaeva, Aliya Gumarova, Kamola Alimova

Abstract-ID: P01-24

VISCERAL FAT, LIPIDS AND ADIPONECTIN IN FEMALE PATIENTS WHO NORMALIZED PROLACTIN (PRL) ON LONG TERM DOPAMINE AGONIST (DA) TREATMENT

Milica Medić-Stojanoska, Sandra Pekic Djurdjevic, Nikola Curic, Bojan Vuković, Stanislava Nikolic, Ivana Bajkin, Dragana Miljic, Vera Popovic

Abstract-ID: P01-25

PRIMARY CABERGOLINE TREATMENT OF GIANT PROLACTINOMAS Ludmila Astafyeva, Pavel Kalinin, Boris Kadashev, Maxim Kutin, Dmitri Fomichev, Oleg Sharipov, Irina Klochkova, Yuliya Sidneva, Denilnek Ismailov

Abstract-ID: P01-26

HORMONAL AND METABOLIC EFFECTS OF LONG-TERM CABERGOLINE WITHDRAWAL IN PATIENTS WITH HYPERPROLACTINEMIA Renata S. Auriemma, Ludovica F.S. Grasso, Mariano Galdiero, Mariarosaria Negri, Claudia Pivonello, Annamaria Colao, Rosario Pivonello

Abstract-ID: P01-27

PROLACTINOMAS: CLINICOPATHOLOGICAL PREDICTIVE FACTORS FOR

EFFICACY OF TRANSSPHENOIDAL SURGERY

Przemysław Witek, Maria Maksymowicz, Marta Gutowska, Marcin Ozdarski, Katarzyna Szamotulska, Andrzej Styk,

Grzegorz Zielinski

ANALYSIS OF INDICATIONS FOR SURGICAL TREATMENT IN PATIENTS WITH PROLACTINOMAS

Tamara Gabaraeva, Natalya Gussaova, Natalya Plotnikova, Uliana Tsoy, Vladislav Cherebillo, A. Polezhaev, A. Rizhkov, Elena Grineva

Abstract-ID: P02-01

THE CORRELATION BETWEEN SERUM PROLACTIN AND GROWTH

HORMONE POSTNATALLY

Jonathan Daliot, Tami Laron-Kenet, Pearl Lilos, Zvi Laron

Abstract-ID: P02-02

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Gulzoda Negmatova, Zamira Khalimova, Gavhar Jabbarova

Abstract-ID: P02-04

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Abstract-ID: P02-05

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Svetlana Voevoda, Oksana Rymar

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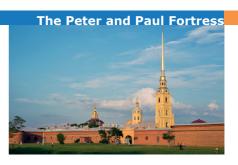
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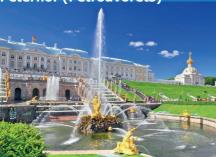
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+7 (812) 450-62-23.

Address: St. Petersburg, Pavlovsk,

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Metro stations: "Moskovskaya"

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Address: St. Petersburg, Pushkin,

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