

List of Sessions by Theme & Day

November 2 (Monday)**Reception Hall (West)**

9 : 30 ~ 10 : 30

Selected Oral Presentations

Chairpersons: Bo Youn Cho, Bingyin Shi

OR

001

Infiltrating macrophages induce oncocytic phenotype in thy-IFN γ transgenic mouse thyroids: A critical role of LMP2 in the pathogenesis of oncocyte○Hiroaki Kimura¹, Melissa A. Landek-Salgado¹, Koichi Suzuki², Patrizio Caturegli¹¹The Johns Hopkins School of Medicine, Baltimore, MD, USA²National Institute of Infectious Diseases, Tokyo, Japan**OR**

002

TRAIL Death Pathway Promote Thyrocytes Apoptosis in Experimental Autoimmune Thyroiditis of NOD Mice Induced by Excessive Iodine

○Xiujie Yu, Lanying Li, Qingxin Li, Xiaoyi Zang, Zebing Liu, Yun Sun

Institute of Endocrinology, Metabolic Disease Hospital, Tianjin Medical University of Tianjin, China

OR

003

Opposing regulation of Cyp3A expression by CAR and PXR in propylthiouracil-induced hypothyroid mice○Eun Kyung Lee¹, Sun Wook Cho¹, Yu Jin Lee¹, Bong Jun Cho¹, Yoonkwang Lee²,Seong Yeon Kim¹, Bo Youn Cho¹, Ronald M Evans³, David D Moore², Young Joo Park¹¹Department of Internal Medicine, Seoul National University and Seoul National University Bundang Hospital, Seoul, Korea, ²Department of Molecular and Cellular Biology, Baylor College of Medicine,Houston, TX, USA, ³Howard Hughes Medical Institute, Gene Expression Laboratory, Salk Institute for

Biological Studies, La Jolla, CA, USA

OR

004

STIMULATION OF IODIDE UPTAKE IN CULTURED THYROCYTES BY COMBINED TARGETING OF THE ERK AND AKT SIGNALLING PATHWAYS

○Bullock M, Robinson BG, Clifton-Bligh RJ

Kolling Institute of Medical Research, Sydney, Australia

Nov.2 (Mon)

10 : 50~12 : 00

Fuji Prize Lecture

Chairpersons: Yoshiharu Murata, Kwang Woo Lee



The Pathophysiology and Management of Central Hypothyroidism

Nov.2 (Mon)

10 : 50~12 : 00

Nagataki Prize Lecture

Chairpersons: Duncan Topliss, ZuPei Chen



Thyroid Disease in Prognancy and Lactation

Nov.2 (Mon)

12 : 00~13 : 00

Luncheon Seminar 1

Chairperson: Shunichi Yamashita

LS

001

The importance of TRAb measurement for diagnosis and management of Graves' disease.

Anja K. Eckstein¹ Klaus Mann², Joachim Esser¹, Matthias Schott², Nils G. Morgenthaler⁴

¹Department of Ophthalmology, University Hospital of Essen, University of Duisburg-Essen, Germany

²Department of Medicine, University Hospital of Essen, Division of Endocrinology, University of Duisburg-Essen, Germany

³Department of Medicine, Division of Endocrinology, University of Duesseldorf, Germany

⁴Institut für Experimentelle Endokrinologie und Endokrinologisches Forschungszentrum EnForCé, Charité, Universitätsmedizin Berlin, Campus Mitte, Berlin, Germany

Nov.2 (Mon)

13 : 00~14 : 00

Symposium 1 (Autoimmune Thyroid Disease)

Chairpersons: Takashi Akamizu,
Kwang Won Kim

S1

001

Progress in the pathogenesis and management of Graves' ophthalmopathy

Yuji Hiromatsu

Division of Endocrinology and Metabolism, Department of Medicine, Kurume University School of Medicine

S1

002

Clinical Significance of TSH receptor antibody

Won Bae Kim¹, Tae Yong Kim¹, Young Kee Shong¹, Bo Youn Cho²

¹Department of Internal Medicine, Asan Medical Center, University of Ulsan College of Medicine

²Department of Internal Medicine, Seoul National University College of Medicine and Hospital, Seoul, Korea

S1

003

Dawn of new hopes: From understanding of the autoimmunity of Graves disease

Bingyin Shi

Dept of endocrinology, First Affiliated Hospital, Medical School of Xi'an Jiaotong University, Xi'an, P.R.China

Nov.2 (Mon)

14:00~15:10

Oral Presentations (Basic/Translational) Chairpersons: Yuji Nagayama, Fereidoun Azizi**OR 005** **The Impact of Iodine Excess on Thyroid Hormone Biosynthesis and Metabolism in Rats**○K Wang¹, Y N Sun², J Y Liu², L Zhang², Y Ye², L X Lin², Y Q Yan², Z P Chen²¹Department of Biochemistry, Tianjin Medical University, Tianjin, China²Tianjin Endocrinology Institute, Tianjin, China**OR 006** **Polybrominated diphenylethers (PBDEs) suppresses thyroid hormone receptor (TR)- mediated transcription and impairs thyroid hormone (TH)- dependent dendrite arborization of Purkinje cells.**○Kingsley Ibhazehiebo¹, Toshiharu Iwasaki¹, Noriaki Shimokawa¹, Junko Kimura-Kuroda², Noriyuki Koibuchi¹.¹Department of Integrative Physiology, Gunma University Graduate School of Medicine, Maebashi, Japan²Department of Brain structure, Tokyo Metropolitan Institute for neuroscience, Tokyo, Japan**OR 007** **Roles of 19S Regulatory Particles of 26S Proteasome in Ligand-induced Promoter Loading of Thyroid Hormone Receptor**

○Tetsuro Satoh, Takahiro Ishizuka, Satoshi Yoshino, Takuya Tomaru, Akiko Katano, Yasuyo Nakajima, Atsushi Ozawa, Nobuyuki Shibusawa, Koshi Hashimoto, Masanobu Yamada, Masatomo Mori

Department of Medicine and Molecular Science, Gunma University Graduate School of Medicine, Maebashi, Japan

OR 008 **GATA2 regulates the transcription of type 2 deiodinase in thyrotroph**

○Hideyuki Matsunaga, Shigekazu Sasaki, Akio Matsushita, Kenji Ohba, Hiroyuki Iwaki, Shingo Suzuki, Hiroko Misawa, Keiko Ishizuka, Hirotohi Nakamura

Department of Internal Medicine, Hamamatsu University School of Medicine, Japan

OR 009 **An Animal Model of Experimental Autoimmune Thyroiditis(EAT) Showed That Intrathyroid Fetal Microchimerism May Involved in The Pathogenesis of Autoimmune Thyroiditis by Its Effect on Infiltration and Maturation of Intrathyroid Dendritic Cells**

○Guo Hui, Pu Dan, Shi Bingyin, Xu Li

Department of Endocrinology, First Affiliated Hospital of Medical College, Xi'an Jiaotong University, Xi'an, Shaanxi Province, Peoples Republic of China

OR 010 **The in vitro experimental study of induction immune tolerance in Graves' disease induced by Silencing CD40 Production in Dendritic Cells Using Small Interfering RNA**

○Xiaoyan Wu, Bingyin Shi, Li Xu, Feng Ye

Endocrinology department, The 1st Affiliated Hospital, Medical Collage, Xi'an Jiaotong University, Xi'an, PR China

OR

011

Neonatal Tolerance induction and Prevention of Graves Disease by Gene Vaccine using a Recombinant Adenovirus Vector Expressing the Thyrotropin Receptor A Subunit

○Liping Wu, Bingyin Shi, Liru Xun Jing Yang Shan Gao, Zhufang Tian Li xu.

Department of Endocrinology, First Affiliated Hospital of Medical College, Xi'an Jiaotong University, Xi'an, P.R.China

Nov.2 (Mon)

15:10~16:10

Oral Presentations (Clinical)

Chairpersons: Leilani Mercado-Asis, Mitsushige Nishikawa

OR

012

A novel truncating mutation in the *THRB1* gene, E457X, as a cause of resistance to thyroid hormone

○N.Akulevich¹, T.Rogounovitch¹, V.Saenko², V.Drozdz³, T.Leonova³, M.Matsuse¹, S.Yamashita^{1,2}

¹Department of Molecular Medicine, Nagasaki University Graduate School of Biomedical Sciences, Nagasaki, Japan

²Department of International Health and Radiation Research, Nagasaki University Graduate School of Biomedical Sciences, Nagasaki, Japan

³Department of Thyroid Disease Research, Belarusian Medical Academy for Postgraduate Education, Minsk, Belarus

OR

013

Novel compound heterozygous occurrence of single nucleotide deletion 7890delT and genomic microdeletion encompassing exon 28 and 29 of thyroglobulin gene causes multinodular goiter

○Akira Hishinuma¹, Shuji Fukata², Narumi Ohmika¹, Noriko Hayama¹, Takashi Namatame³, Tamio Ieiri¹

¹Department of Clinical Laboratory Medicine, Dokkyo Medical University, Mibu, Tochigi, Japan

²Tajiri Clinic, Kumamoto, Japan

³Institute of Medical Science, Dokkyo Medical University, Mibu, Tochigi, Japan

OR

014

Clinical Outcome of Persistent Radioiodine Uptake on Thyroid Bed at Diagnostic Whole Body Scan in Patients with Differentiated Thyroid Carcinoma after Initial Surgery and Remnant Ablation; comparison between patients with second ablation and untreated patients.

○Eui Young Kim¹, Won Gu Kim¹, Won Bae Kim¹, Tae Yong Kim¹, Jin-Sook Ryu², Gyungyub Gong³, Jong Ho Yoon⁴, Suck Joon Hong⁴, Young Kee Shong¹

¹Department of Endocrinology & Metabolism, ²Nuclear Medicine, ³Pathology, and ⁴Surgery, Asan Medical Center, University of Ulsan, College of Medicine, Seoul Korea

OR

015

Radiofrequency Ablation of Benign Non-functioning Thyroid Nodules: Long-term Follow-Up Results

○Jung Hwan Baek^{1,2}, Yoon Suk Kim¹, Jin Yong Sung¹, Sunmi Kim², Huyn kyung Im², Ducky Lee³, Jeong Hyun Lee²

¹Department of Radiology, Thyroid Center, Daerim St. Mary's Hospital, Seoul, Korea

²Department of Radiology and Research Institute of Radiology, University of Ulsan College of Medicine, Asan Medical Center, Seoul, Korea

³Department of Internal Medicine, Thyroid center, Daerim St. Mary's Hospital, Seoul, Korea

OR

016

Bilateral Axillo-Breast Approach Endoscopic Thyroidectomy : Experience of 592 Cases in a Single Institution

○Jeonghun Lee, Kyu Eun Lee, Su Jin Kim, Do Hoon Koo, Seung Keun Oh, Yeo-kyu Youn
Department of Surgery, Seoul National University College of Medicine, Seoul, Korea
Cancer Research Institute, Seoul National University College of Medicine, Seoul, Korea

Nov.2 (Mon)

16 : 30~18 : 00

ICCIDD

Chairpersons: Teofilo San Luis, Johan S. Masjhur

IDD

101

What are the iodine requirements during pregnancy and how does a woman achieve optimal iodine intake

Creswell J Eastman

Regional Coordinator and Vice Chairman of ICCIDD, Sydney Medical School, the University of Sydney, Sydney Australia

IDD

102

What are the functional consequences of wild-moderate iodine deficiency in pregnancy ?

Sheila Skeaff

New Zealand

IDD

103

Indicators of Iodine Nutrition in Pregnancy and Lactation in Iodine Sufficient Regions

Fereidoun Azizi

ICCIDD Coordinator for the Middle East

Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences, Tehran, I.R. Iran

IDD

104

Thyroid function in early pregnancy in Japanese healthy women: Relation to urinary iodine excretion and fetal and child development

Sumihisa Kubota, Nobuyuki Amino

Kuma Hospital, Kobe, Japan

November 3 (Tuesday)**Reception Hall (West)**

9 : 00 ~ 10 : 00

Symposium 2 (Thyroid Cancer)Chairpersons: Tsuneo Imai,
June Key Chung**S2**
001 **The radioactive iodide therapy and prognosis in young papillary thyroid cancer patients**Sheng-Fong Kuo¹, Jen-Der Lin¹, Tzu-Chieh Chao², Hung-Yu Chang¹, Chuen Hsueh³,
Yu-Chen Chang⁴¹Division of Endocrinology and Metabolism, Department of Internal Medicine and the Departments of
²General Surgery, ³Pathology, and ⁴Nuclear Medicine, Chang Gung Memorial Hospital, Chang Gung
University, Taiwan, Republic of China**S2**
002 **An Update on Genes and Thyroid Cancer: towards clinical utility**

Roderick Clifton-Bligh

Kolling Institute of Medical Research, University of Sydney and Royal North Shore Hospital, St Leonards,
NSW**S2**
003 **Surgical Treatment for Loco-regional Recurrences of Thyroid Cancers**Hang-Seok Chang^{1,2}¹Thyroid Cancer Center, Gangnam Severance Hospital, Seoul, Korea²Department of Surgery, Yonsei University College of Medicine, Seoul, Korea

Nov.3 (Tue)

10:00~11:00

Oral Presentations (Thyroid Cancer)

Chairpersons: YoungKee Shong, Jen Der Lin

OR**017****Mutant specific mitochondrial localization of BRAF^{V600E}: Clinically used BRAF kinase inhibitors are not able to block mitochondrial actions of BRAF^{V600E}**

○Min Hee Lee¹, Ihn Suk Lee¹, Dong Wook Kim¹, Seong eun Lee¹, Min Jeong Ryu¹, Ki Cheol Park¹, Jung Hwan Hwang¹, Sung jin Kim¹, Soung Joong Kim¹, Yong Kyoung Kim¹, Koon Soon Kim⁴, Gi Ryang Kweon², Jin Man Kim³, Minho Shong*, Young Suk Jo*

¹Department of Internal medicine, Daejeon St. Mary's Hospital, The Catholic University of Korea, Jung-gu Daejeon, Korea

²Laboratory of Endocrine Cell Biology, Division of Endocrinology, Department of Internal Medicine, Pathology and ³Biochemistry, Chungnam National University School of Medicine, Daejeon, Korea

OR**018****Molecular diversity of papillary thyroid carcinoma assessed by simultaneous determination of tumor clonality and somatic oncogenic mutation**

○V.Saenko¹, T.Rogounovitch², A.Abrosimov³, E.Furminskaya³, E.Lushnikov³, N.Mitsutake², S.Yamashita^{1,2}

¹Department of International Health and Radiation Research, Nagasaki University Graduate School of Biomedical Sciences, Nagasaki, Japan

²Department of Molecular Medicine, Nagasaki University Graduate School of Biomedical Sciences, Nagasaki, Japan

³Department of Pathology, Medical Radiological Research Center, Obninsk, Russian Federation

OR**019****The Prevalence of the BRAF V600E Mutation and its Effects on Clinicopathologic Characteristics of Papillary Thyroid Carcinoma in Korea**

○Kim TH¹, Lim JA¹, Ahn HY¹, Lee EK¹, Kim KW^{1,2}, Park YJ^{1,3}, Park DJ¹, Lee YJ⁴, Lee KE⁵, Youn YK⁵, Cho BY¹

¹Department of Internal Medicine, Seoul National University College of Medicine, Seoul, Korea

²Healthcare System Gangnam Center, Seoul National University Hospital, Seoul, Korea

³Department of Internal Medicine, Seoul National University Bundang Hospital, Seongnam, Korea

⁴Thyroid Cancer Clinic, National Cancer Center, Goyang, Korea

⁵Department of Surgery, Seoul National University College of Medicine, Seoul, Korea

OR**020****Characterization of a side population in thyroid cancer cell lines: the evidence for the presence of thyroid cancer stem cells**

○Dai Cui¹, Ling Lan², Xuqin Zhen¹

¹Department of Endocrinology, the First Affiliated Hospital of Nanjing Medical University, Nanjing, China

²Department of Endocrinology, Beijing Ji Shui Tan Hospital, the 4th Medical College of Peking University, Beijing, China

OR

021

Empirical high dose radioiodine therapy is not useful in patients with positive thyroglobulin and negative neck ultrasonography and negative FDG-PET after initial therapy for papillary thyroid carcinoma

○Won Gu Kim¹, Eui Young Kim¹, Tae Yong Kim¹, Jung Hyun Lee², Jung Hwan Back², Eun Sook Kim⁵, Jin-Sook Ryu³, Jong Ho Yoon⁴, Suck Joon Hong⁴, Won Bae Kim¹, Young Kee Shong¹

¹Department of Internal Medicine, ²Radiology, ³Nuclear Medicine and ⁴Surgery, Asan Medical Center, University of Ulsan, College of Medicine, Seoul, Korea, ⁵Department of Internal Medicine, Ulsan University Hospital, Ulsan, Korea

Nov.3 (Tue)

11:15~12:00

Special Lecture

Chairperson: Junji Konishi

**Treatment and follow-up of thyroid cancer patients in the era of recommendations and consensus.**

Martin Schlumberger

Institut Gustave Roussy, 94805 Villejuif, France

November 4 (Wednesday)**Shirotori Hall**

8 : 30~10 : 00

International Symposium on Molecular Thyroidology

Chairpersons: Takashi Akamizu, Toyoshi Endo

IS**001****Recent Advances in Studies on Mouse Models of Autoimmune Thyroid Disease**

Yuji Nagayama

Department of Medical Gene Technology, Atomic Bomb Disease Institute, Nagasaki University Graduate School of Biomedical Sciences, Nagasaki, Japan

IS**002****Alteration of cellular energy metabolism by oncogenic BRAF^{V600E} in papillary thyroid cancer**

Min Hee Lee, Min Jung Ryou, Sung Joong Kim, Yong Kyoung Kim, Minho Shong, Young Suk Jo

Laboratory of Endocrine Cell Biology, Department of Internal Medicine, Chungnam National University Hospital, Daejeon, Korea

IS**003****THE GENETIC SUSCEPTIBILITY TO AUTOIMMUNE THYROID DISEASE: AN INTERPLAY BETWEEN GENES AND ENVIRONMENT**

Yaron Tomer

Department of Medicine, Division of Endocrinology, Mount Sinai Medical Center, and the Bronx VA Medical Center, New York, NY, USA

Nov.4 (Wed)

10 : 00~11 : 00

Shizume Lecture

Chairperson: Mitsuyasu Itoh

**The springtime hormone: pars tuberalis thyrotropin**Takashi Yoshimura^{1,2}¹Laboratory of Animal Physiology and ²Avian Bioscience Research Center, Graduate School of Agricultural Sciences, Nagoya University, Japan

Nov.4 (Wed)

11:00~11:30

Miyake Prize Lecture

Chairperson: Masatomo Mori

To be announced on Site

Nov.4 (Wed)

11:30~12:30

Luncheon Seminar 2

Chairperson: Mitsushige Nishikawa

LS

002

**Recent Progress and trends in the management of Grave's hyperthyroidism:
International comparison**

Nobuyuki Amino

Kuma Hospital, Kobe, Japan

Poster Session

Nov.2 (Mon)

13 : 00~18 : 20

Nov.3 (Tue)

9 : 00~13 : 20

Selected Posters**SP**

001

Circulating TSH levels are positively associated with bone mineral density in patients with TSH producing pituitary adenoma○Yasuhiro Takeuchi¹, Akira Takeshita¹, Manabu Taguchi¹, Megumi Miyakawa¹, Kenichi Ohyama², Shozo Yamada²¹Endocrine Center and ²Hypothalamus and Pituitary Surgery, Toranomon Hospital, Tokyo, Japan**SP**

002

Increased TTS abrogates IDO-mediated CD4(+) T cells suppression in patients with Graves' disease

○Shu Wang, Chaoming Mao, Zefei Zhao, Xiaohua Jiang, Yongju Zhao, Yanyun Zhang, Guang Ning

Department of Endocrine, Ruijin Hospital Affiliated to Shanghai Jiao Tong University School of Medicine, Shanghai, China

SP

003

Experimental autoimmune thyroiditis in human parvovirus B19 transgenic mice○Kouki Mori¹, Katsumi Yoshida², Keiko Ishii³, Yoshinori Nakagawa¹, Saeko Hoshikawa¹, Hiroshi Ozaki¹, Sadayoshi Ito¹¹Division of Nephrology, Endocrinology and Vascular Medicine, ²Department of Medical Technology, and ³Department of Medical Microbiology, Mycology and Immunology, Tohoku University Graduate School of Medicine, Sendai, Japan**SP**

004

Involvement of the functional polymorphisms in *TNFA* gene in the pathogenesis of autoimmune thyroid diseases and the production of anti-TSH receptor antibody○Naoya Inoue¹, Mikio Watanabe¹, Takashi Nanba¹, Takashi Akamizu², Yoshinori Iwatani¹¹Department of Biomedical Informatics, Division of Health Sciences, Osaka University Graduate School of Medicine, Osaka, Japan, ²Translational Research Center, Kyoto University Hospital, Kyoto University School of Medicine, Kyoto, Japan**SP**

005

Prevalence of goiter in the post iodization phase: thyroid autoimmunity or micronutrient deficiency?○Sambit Das¹, Anil Bhansali¹, Pinaki Dutta¹, Arun Aggarwal², M.P.Bansal³, Dinesh Garg¹, Vimal Upreti¹, Santosh Ramakrishnan¹, Sanjay K Bhadada¹, Rama Walia¹Department of Endocrinology, ²Department of community medicine, PGIMER, Chandigarh, ³Department of Biophysics, Panjab University, Chandigarh, India**SP**

006

Short-term iodine deficiency and excess have changed thyroid morphology and its function in rat

○Laixiang Lin, Yina Sun, Lu Zhang, Zhenkun Ye, Yuqin Yan, Zupei Chen

Institute of endocrinology, Tianjin Medical University, Tianjin, China

SP

007

Mechanisms of hypothyroidism in patients with acrodysostosis○Matsuura N¹, Ohyama Y², Yokota Y³, Shibayama K⁴, Ohtsu S⁴, Takubo N⁴, Kazahari M⁴, Shinohara O⁵¹Department Early Childhood Education, Seitoku University, Matsudo, Chiba, Japan, ²Ohyama Pediatric Clinic, Machida, Japan, ³Department of Pediatrics, Sagamihara Kyodo Hospital Sagamihara, Japan, ⁴Department of Pediatrics, Kitasato University School of Medicine, Sagamihara, Japan, ⁵Shinohara Pediatric Clinic, Machida, Japan

SP

008

Expressions of NIS and PDS, two iodide transport-related genes, in rat placental trophoblast cells in adequate and deficient iodine status

○Yi-Na Sun, Lu Zhang, Lai-Xiang Lin, Yong-Mei Li, Yan Ye, Zhi-Gang Tong, Yu-Qin Yan, Zu-Pei Chen

Institute of Endocrinology, Tianjin Medical University, Tianjin, China

SP

009

Comparison of Treatment of subclinical hyperthyroidism with long-term continuous antithyroid medications and radioactive iodine

○Fereidoun Azizi

Endocrine Research Center, Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences, Tehran, I.R. Iran

SP

010

Improved diagnostics of Graves' Disease (GD) by determination of stimulating TSHR autoantibodies (sTRAb)○Ulrich Loos¹, Martin Grußendorf², Claudia Franz¹¹KreLo GmbH Medical Diagnostics, Ulm, Germany²Medical Practice Grußendorf-Bacher, Stuttgart, Germany

SP

011

Factors Predicting the Follow-Up Volume and Early Retherapy after Single-Session Radiofrequency Ablation of Benign Solid Non-functioning Thyroid Nodules: Results of Mid-term Follow-up¹○Jeong Hyun Lee¹, Jung Hwan Baek¹, Sun Mi Kim¹, Hyun Kyung Lim¹, Won Bae Kim², Tae Yong Kim², Young Kee Shong²¹Department of Radiology and Research Institute of Radiology, University of Ulsan College of Medicine, Asan Medical Center, Seoul, Korea²Department of Endocrinology, University of Ulsan College of Medicine, Asan Medical Center, Seoul, Korea

SP

012

Study of real time tissue elastography (RTE) in patients with thyroid and parathyroid disease ? A new attempt to establish a quantitative method-○Shinichi Suzuki¹, Keiichi Nakano¹, Shuji Asahi¹, Toshihiko Fukushima¹, Seiichi Takenoshita¹, Kimiyoshi Shimanuki², Atsushi Muto³¹Department of Breast Endocrine Thyroid Surgery, Fukushima Medical University School of Medicine, Fukushima, Japan, ²Department of Surgery, Aidu Chuo Hospital, Aidu Wakamatsu, Japan, ³Department of Surgery, Fukushima Rosai Hospital, Iwaki, Japan

SP

013

Prevalence and clinical characteristics of familial nonmedullary thyroid carcinoma in Korean population

○Hwa Young Ahn, Jung Ah Lim, Tae Hyuk Kim, Hoon Sung Choi, Eun Kyung Lee, Kyung Won Kim, Young Joo Park, Do Joon Park, Bo Youn Cho

Department of internal medicine, Seoul National University College of Medicine, Korea

SP

014

Dual specificity phosphatase 6 (DUSP6) as a paradoxical predictor of invasiveness in papillary thyroid cancer

○Seul Young Kim¹, Lee Min Hee¹, Ryou Min Jung¹, Park Ki Chul¹, Kim Sung Jin¹, Kim Sung Joong¹, Lee Seong Eun¹, Huang songmei², Jin Man Kim², Minho Shong¹, Young Suk Jo¹

¹Chungku Daejeon Chungnam National University Hospital , Munhwa-ro, Jung-gu Daejeon, Korea

²Department of Internal Medicine and Pathology , Chungnam National University School of Medicine, Daejeon, Korea

SP

015

Effect of Thyrotropin-releasing hormone (TRH) on gene expression in the islet of Langerhans of the pancreas: microarray hybridization analysis of TRH-deficient mouse

○Nobuyuki Shibusawa, Jennifer Garay Guerrero, Kazuhiko Horiguchi, Yasuyo Nakajima, Koshi Hashimoto, Teturo Sato, Masanobu Yamada, Masatomo Mori

Department of medicine and molecular science, Gunma University graduate school of medicine, Maebashi, Gunma, Japan

SP

016

Radiofrequency Ablation of Locally Recurrent Tumors in Postoperative Patients for Papillary Thyroid Carcinoma: Short-term Results and Perspectives¹

○Jeong Hyun Lee¹, Jung Hwan Baek¹, Sun Mi Kim¹, Hyun Kyung Lim¹, Won Bae Kim², Tae Yong Kim², Young Kee Shong²

¹Department of Radiology and Research Institute of Radiology, University of Ulsan College of Medicine, Asan Medical Center, Seoul, Korea

²Department of Endocrinology, University of Ulsan College of Medicine, Asan Medical Center, Seoul, Korea

Nov.2 (Mon)

13 : 00~18 : 20

Nov.3 (Tue)

9 : 00~13 : 20

Poster Presentations**IDD 001 IODINE STATUS AND THYROID FUNCTION PICTURE AMONG WOMEN OF CHILD-BEARING AGE IN IODINE DEFICIENT AREA WITH IODINE CORRECTION**

○Suryati Kumorowulan, Djoko Kartono

Station for Research and Development in IDD, MOH, Indonesia

IDD 002 Iodine and Iron Nutritional Status of Pregnant Women in Xinjiang of China after Iodized Oil Program○Yongmei Li¹, Ming Qi¹, Xing Li¹, Aniwat Reheman², Dongyang Li², Zupei Chen¹¹Institute of Endocrinology, Tianjin Medical University, Tianjin, CHINA²Aks.CDC,Xinjiang. Autonomous Region. CHINA**IDD 003 Withdrawn**

P

017

The current iodine status in Indonesia○Djoko Kartono¹, Sunarno Ranu Widjojo¹, Djokomoeljanto²¹Centre for Research and Development in Food and Nutrition, MOH²University of Diponegoro, Semarang

P

018

Review of a Comprehensive Intervention Program on Increasing Iodized Salt Consumption at Households Level in High-risk Areas in China

○Sumei LI, Qingsi ZHENG, Huijie DONG, Guangxiu ZHUANG

National Training and Technical Support Team, the Institute of Communicable Disease Control and Prevention, Chinese Center for Disease Control and Prevention

P

019

Then and Now : Elimination of Iodine Deficiency Disorders in Tibet○Wei Haichun¹, Li Sumei², Zheng Qingsi²¹National Center for Rural Water Supply Technical Guidance, Chinese Center for Disease Control and Prevention, Beijing²The National Training and Technical Support Team for Iodine Deficiency Disorders, ICDC, Chinese Center for Disease Control and Prevention, Beijing

P

020

National Iodized Salt Monitoring at Household Level to Inform IDD Policy Making in China in 2008

○Xu Jing, Li Sumei, Dong Huijie, Wang Haiyan, Wang Jianqiang, Gu Yunyou, Zhuang Guangxiu, Zheng Qingsi

The National Training and Technical Support Team, ICDC, Chinese Center for Disease Control and Prevention, Beijing, China

P

021

Subclinical Hypothyroidism in a Chronic Environmental Excessive Iodine Intake Population

○Zhang Qinglan, Wang Peihua, Chen Zupei, Zhao Jinkou

Department of Environmental Diseases, Jiangsu Provincial Center for Disease Control and Prevention, Nanjing, P.R.China

P

022

Study on the TSH level of neonate umbilical cord blood among the USI areas in seven provinces of China

○DONG Huijie, ZHENG Qingsi

National Team for Training and Technical Support on IDD, Chinese Center for Disease Control and Prevention, Beijing, China

P

023

Emergence of Iodine Deficiency Disorders due to the failure of the local iodized salt program and urgent intervention in Aksu Prefecture of Xinjiang Autonomous Region of China○Zupei Chen¹, Aniwat Reheman², Ming Qian¹, Xing Li¹, Rongmei Li¹, Yuqin Yan¹¹Institute of Endocrinology, Tianjin Medical University, Tianjin, China²Aksu CDC, Xinjiang Autonomous Region, China

P

024

Analysis on the urinary iodine surveillance results of childbearing aged women in China.

○DONG Huijie, XUJing, LU Bulai, LI Sumei

National Team for Training and Technical Support on IDD, Chinese Center for Disease Control and Prevention, Beijing, China

P

025

Study of Improvement of Intellectual Development among Children after Iodine Supplementation in Hainan○HongMei, WANG¹, Ming QIAN², Shanqing WANG¹, Huijie DONG³, Yingdi SU¹, Liu Jian WU¹¹Hainan centers for disease control and prevention, China²Tianjin medical university, Tianjin, China³China centers for disease control and prevention, China**P**

026

Hypothyroxinemia was major thyroid dysfunction during pregnancy caused by iodine deficiency and iodine excess○Yu-Qin Yan¹, You-Zhang Xiang², Zhi Gang Tong¹, Lai-Xiang Lin¹, Yi-Na Sun¹, Zu-Pei Chen¹¹Institute of Endocrinology, Tianjin Medical University, Tianjin, China²Institute of Endemic diseases control, Shandong Province, Jinan, China**P**

027

Thyroid function of child-bearing aged women in iodine sufficiency and iodine deficiency○WANG Feng-ru¹, DAI Shao-hui², CHEN Xin², MAHEMT Arekebai², REBIYA Abudu³, MAHEBULAITI Xiamixiding³, YAN Yu-qin⁴, CHEN Zu-pei⁴¹The Centre for Diseases Control and Prevention of Xinjiang Uygur Autonomous Region, Urumqi, Xinjiang, China²The Centre for Diseases Control and Prevention of Gongliu County, Xinjiang, China³Maternal and Child Health Care of Yining County, Xinjiang, China⁴Institute of Endocrinology, Tianjin Medical University, Tianjin, China**P**

028

Status of iodine nutrition among pregnant and lactation women in coastal area of Fujian province of China

○Zheng Qingsi, Dong Huijie

National Team for Training and Technical Support on IDD, Chinese Center for Disease Control and prevention, Beijing, China

P

029

Effects of different iodine intake on the distribution and expression of sodium / iodide symporter in rat tissues

○Yan Ye, Lai-Xiang Lin, Yi-Na Sun, Yong-Mei Li, Yu-Qin Yan, Zu-Pei Chen

Institute of Endocrinology, Tianjin Medical University, Tianjin, China

P

030

Variations of urinary iodine concentration within a month during the first trimester of pregnancy in an iodine-replete area and comparison to non pregnant women

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P

031

Mother-Infant's Iodine Metabolism and Thyroid Function in Rats during Lactation with Different Iodine Nutrition○Lu Zhang^{1,2}, Yi-Na Sun¹, Yong-Mei Li¹, Lai-Xiang Lin¹, Yan Ye¹, Yu-Qin Yan¹, Zu-Pei Chen¹¹Institute of Endocrinology Tianjin Medical University, Tianjin China²Medical College of Chinese People's Armed Police Forces, Tianjin China

P

032

The analysis of urinary iodine level of pregnant woman and lactating woman in different physiological phase○Ge pengfei¹, Wangyanling¹, Gan peishang¹, Wang weihua²¹Gansu center for diseases control and prevention, Lanzhou Gansu, PR China²Gansu center for diseases control and prevention, Lanzhou Gansu, PR China

P

033

Iodine deficiency still a public health problem in Linxia Hui Autonomous Prefecture, China○Wangyanling¹, Zhang zhongliang¹, Ge pengfei²¹Gansu center for diseases control and prevention, Lanzhou Gansu, PR China²The first people hospital of Lanzhou city, Lanzhou Gansu, PR China

P

034

Iodine status and thyroid parameters of pregnant women living in an iodine sufficient area

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P

035

Thyroid volume of children reduced by iodized salt in IDD area

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P

036

Iodine and thyroid status of residents on the Majuro atoll, Republic of the Marshall Islands○Noriaki Nakashima¹, Keisei Fujimori¹, Michito Minegishi¹, Michio Wtanabe¹, Tomoyuki Nakano¹, Toshinori Ohashi³, Noriaki Ohuchi¹, Susumu Satomi²¹Division of Surgical Oncology, Tohoku University, Sendai, Japan²Division of Advanced Surgical Science and Technology, Tohoku University, Sendai, Japan³Pharmaceutical Research Laboratory, Hitachi Chemical Co. Ltd., Hitachi, Japan

P

037

Association between waist circumference and serum TSH in euthyroid Tehranian subjects

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P

038

Is thyroid function associated with components of the metabolic syndrome in euthyroid subjects of reproductive age? A population based study of Iranian women

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P

039

Study on mechanisms of iodine deficiency and hypothyroid regulating developing hippocampus○Hongbo Yin¹, Wanyang Liu², Ping Wang¹, Jie Chen²¹Shenyang Municipal Center for Disease Control and Prevention, Shenyang, P. R. China.²School of Public Health, China Medical University, Shenyang, P. R. China.**P**

040

Refractory TSH producing Pituitary Adenoma

○TaeKyoon Kim, Hyesook Jung, ChangshinYoon, JungHae Ko, Hyejung Jun, Minjung Kwon, Sunhee Lee, Jeong Hyun ParkJung

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P

041

FT4/FT3 Ratio May Play An Important Role In The Regulation Of Serum TSH Concentration

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P

042

THYROID FUNCTION ASSESSMENT IN PITUITARY TUMORS

○Jay S. Fonte, Leilani B. Mercado-Asis

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P

043

THYROID AXIS STATUS A YEAR AFTER MILD TRAUMATIC BRAIN INJURY

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P

044

Effect of Subclinical hypothyroidism on cardiac function○Mitra Niafar¹, Mehrnoush Toufan², Shahnaz Ghafouri³, Nasser Aghamohammadzadeh⁴¹Assistant Professor, Endocrinology and Metabolism section, Department of Medicine, Imam Reza Hospital, Tabriz University of Medical Sciences, Tabriz, Iran²Associated Professor, Department of Cardiovascular Sciences, Shahid Madani Hospital, Tabriz University of Medical Sciences, Tabriz, Iran³Resident of Internal Medicine, Department of Internal Medicine, Imam Reza Hospital, Tabriz University of Medical Sciences, Tabriz, Iran⁴Assistant Professor, Endocrinology and Metabolism section, Department of Medicine, Imam Reza Hospital, Tabriz University of Medical Sciences, Tabriz, Iran

P

045

The Incidence of Dyslipidemia in the Untreated Patients with Hashimoto Thyroiditis and the Effects of Thyroxine Treatment on Subclinical Hypothyroidism○Tetsuya Tagami, Tamiko Tamanaha, Satoko Shimatsu, Kyoko Honda, Kazutaka Nanba, Hidenari Nomura, Yoriko Sakane Ueda, Takeshi Usui, Akira Shimatsu, Mitsuhide Naruse
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P

046

Relationship between subclinical thyroid dysfunction and serum lipids○Liu Xingjun¹, Teng Weiping², Shi Bingyin¹, Wei Danguo³, Zhang Li³, Xu Li¹, Li Juan¹¹Department of Endocrinology, First hospital affiliated to School of Medicine of Xi'an Jiaotong University, Xi'an, China²First hospital affiliated to Chinese Medical University, Shenyang, China³Changqing petroleum construction company, Xi'an, China

P

047

Hypothyroidism and Anemia

○Rajabian R., Aboutorabi R., Ravarian M, Moktari E.,

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P

048

Study of Postpartum thyroiditis in mashhad

○Aboutorabi R., Khajedeluei M, Ayatollahi H

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P

049

Survey of permanent hypothyroidism in postpartum thyroiditis patients○Hajieh shahbazian¹, Rana Shirzadi¹, Mehdi Khodadadir²¹Department of Endocrinology, and ²Diabetes Research center, Ahwaz jundishapur university of medical sciences, IRAN

P

050

Anti-C1q antibodies in sera from patients with Hashimoto's thyroiditis with different thyroid functional status○Ying Gao¹, Ying Tan², Xiao-hui Guo¹¹Department of Endocrinology and ²Renal Division, Department of Medicine Peking University First Hospital, Beijing, China

- P** 051 **Ultrasonographic Findings of Lymphocytic Thyroiditis**
 ○Jeong-Ah Kim¹, Eun Ju Son¹, Eun Kyung Kim¹, Ji Hyun Youk¹, Hang Suk Chang²
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²Department of Surgery, Yonsei University College of Medicine, Seoul, Korea
- P** 052 **Study on the effects of iodine and selenium on the development of AITD and the production of anti-TPO autoantibodies.**
 ○Sun Fujun, Zhao Shujun, Tian Enjiang, Chen Zupei
 Department of Immunology, Institute of Endocrinology, Tianjin Medical University, Tianjin China
- P** 053 **Prevalence of Anti-TPO Antibody and Abnormal TSH Level During Pregnancy and Postpartum in Indonesian Women**
 ○Tjokorda GD Pemayun, Wiryawan Permadi, Imam Subekti, Djoko W. Soeatmadji, Agung Pranoto, Johan S. Masjhur
 The Indonesian Study Group of Thyroidology.
- P** 054 **Evaluation of Chemocauterization Treatment for Pyriform Sinus Fistula as a Route of Infection Causing Acute Suppurative Thyroiditis**
 ○Akira Miyauchi¹, Hiroyuki Inoue¹, Chisato Tomoda¹, Sumihisa Kubota², Nobuyuki Amino²
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²Department of Internal Medicine, Kuma Hospital, Kobe Japan
- P** 055 **Characterization of the mouse μ -crystallin promoter.**
 ○Masahiro Takei, Satoru Suzuki, Hiroaki Ishii, Kiyoshi Hashizume
 Department of Aging Medicine and Geriatrics, Shinshu University, Graduate School of Medicine, JAPAN
- P** 056 **Study on the expressive changes of TNF- α mRNA in the Rat's thyroid and mammary gland caused by iodine deficiency or iodine excess**
 ○Hongmei Shen, Jun Yu, Xin Zhao, Lixiang Liu
 The Center for Endemic Disease Control, Chinese center for disease control and prevention. Harbin Medical University, Harbin, Heilongjiang Province, PR China
- P** 057 **Hematological profile in adult offspring borne from propylthioracyl-induced hypothyroid rats**
 ○Zahediasl S¹, Ghasemi A¹, Farahani H², Faraji F¹, Saidmoradi L¹, Tohidi M³
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³Prevention of Metabolic Disorders Research Center, Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences, Tehran, Iran

- P**
058 **Study on the relationship between dietary iodine intake and lipid metabolism in mice**
○Shu-Jun Zhao, Fu-Jun Sun, Ye Yan, En-Jiang Tian, Zu-Pei Chen.
Institute of Endocrinology, Tianjin Medical University, Tianjin, China
- P**
059 **Poly(I:C) aggravating thyroiditis of NOD mouse induced by iodine excess**
○Lanying Li, Fenghua Liu, Xiujie Yu, Qingxin Li, Xiaoyi Zang, Zebing Liu, Yun Sun
Institute of Endocrinology, Metabolic Disease Hospital, Tianjin Medical University of Tianjin, China
- P**
060 **Expression of c-fos and c-jun in developing hippocampus of iodine deficiency rat and hypothyroid rat**
○Ping Wang¹, Jing Dong², Hongbo Yin¹, Jie Chen²
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²School of Public Health, China Medical University, Shenyang, P. R. China.
- P**
061 **Effect of Fetal Hypothyroidism on Morphology of Pancreatic Islets in Adult Offspring Male Rats**
○Farahanai Hamid¹, Zahediasl Saleh², Roghani Mehrdad³, Ghasemi Asghar²
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³Departments of Physiology, Faculty of Medicine, Shahed University, Tehran, Iran
- P**
062 **Prevalence of seropositivity for HTLV-I in patients with Graves Disease in Mashhad, North East of Iran**
○MORTEZA TAGHAVI
Endocrine Research Center- Mashhad Medical Univ.- Mashhad-Iran
- P**
063 **Seven cases of Graves' disease following subacute thyroiditis**
○JUN SASAKI, HIDEO KURIHARA, YOSHISHIGE NAKANO
Kurihara Thyroid Clinic, Morioka, Japan
- P**
064 **Remission of Graves' disease and their generation**
○K. Tsuboi, N. Watanabe, H. Nakamura, R. Yuasa, R. Iga, T. Matsumoto, I. Sugino, N. Masai, M. Sue, A. Yoshihara, M. Miyagi, T. Ichijo, M. Ishikawa, Y. Ando, K. Iso, N. Hiroi, K. Kuboki, H. Ueshiba, G. Yoshino
Toho University School of Medicine, Tokyo, Japan
- P**
065 **Radioactive iodine treatment of hyperthyroidism and the occurrence of diabetes mellitus**
○Parvin Mirmiran, Fereidoun Azizi
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P

066

Long Term Follow-up of Solitary Thyroid Nodules with Initially Benign Fine Needle Aspiration Cytology

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P

067

Inflammatory cytokines in Grave's disease and destructive thyroiditis

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P

068

Graves' disease thyrotoxicosis coincident with generalized myasthenia gravis: the treatment of the former may aggravate the latter○Alireza Mofid¹, Seyed Ali Ahmadi², Haleh Ashraf³¹Assistant professor of endocrinology, Department of Internal medicine, Sina Hospital, Medical Sciences/University of Tehran, Tehran, Iran²Associate professor of pathology, Department of pathology, Sina Hospital, Medical Sciences/University of Tehran, Tehran, Iran³General practitioner, Research and Development Center, Sina Hospital, Medical Sciences, University of Tehran, Tehran, Iran**P**

069

Curative effects of steroid pulse therapy followed by oral steroids on Graves' ophthalmopathy○Moriyama Kenji^{1,2}, Matsuda Kimiko¹, Yamamoto Hiroyuki¹, Hataya Yuji²,Kanamoto Naotetsu², Akamizu Takashi, Arai Hiroshi², Tagami Tetsuya², Nakao Kazuwa²¹Department of Medicine and Clinical Science, School of Pharmaceutical Sciences, Mukogawa Women's University, Nishinomiya, Japan²Department of Medicine and Clinical Science, Kyoto University Graduate School of Medicine, Kyoto, Japan**P**

070

Clinical usefulness of the third generation assay for thyrotropin receptor antibodies in patients with thyrotoxicosis

○Hwa Young Ahn, Jung Ah Lim, Tae Hyuk Kim, Hoon Sung Choi, Eun Kyung Lee, Kyung Won Kim, Young Joo Park, Do Joon Park, Bo Youn Cho

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P

071

The Advantages of Orbital Surgery in Graves' Ophthalmopathy: Spectrum of the Disease

○Albert L. Chu, Sjoberg A. Kho, Leilani B. Mercado-Asis

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P

072

Detection of BRAF Mutation on Fine Needle Aspiration Biopsy Specimens: Diagnostic and Clinical Implications for Papillary Thyroid Cancer

○Feifei Guo, Bingyin Shi

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P

073

TGF- β ₁ in the expression of thyroid diseases and its clinical significance

○Feng Wei, Junfeng Li, Yaoli Yu, Hulin Chai, Tao Chen, et al.

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P

074

Association of TGF- β ₁ gene +869T/C polymorphism with thyroid disease in Baotou

○Feng Wei, Junfeng Li, Lijue Ren, Qinghong Qiao, Yonghong Zhang, et al.

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P

075

Retrospective analysis of 728 cases of thyroid pathology data in Baotou

○Feng Wei, Junfeng Li, Rina Su, Yonghong Zhang, Jianhua Wei, et al.

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P

076

Occult Lymph Node Metastases in Neck Level V in Papillary Thyroid Carcinoma○Young Chang Lim¹, Bon Seok Koo², Yeo-Hoon Yoon², Eung-Hyub Kim²¹Department of Otorhinolaryngology-Head & Neck Surgery, Research Institute of Medical Science, Konkuk University School of Medicine, Seoul, Korea²Department of Otolaryngology-Head and Neck Surgery, Cancer Research Institute, Research Institute for Medical Sciences, Chungnam National University College of Medicine, Daejeon, Korea

P

077

Predictive Factors of Occult Contralateral Central Lymph Node Metastases in Papillary Thyroid Carcinoma with Unilateral Lymph Node Metastasis in the Lateral Neck○Bon Seok Koo¹, Young Chang Lim², Yeo-Hoon Yoon¹, Eung-Hyub Kim¹¹Department of Otolaryngology-Head and Neck Surgery, Cancer Research Institute, Research Institute for Medical Sciences, Chungnam National University College of Medicine, Daejeon, Korea²Department of Otorhinolaryngology-Head & Neck Surgery, Research Institute of Medical Science, Konkuk University School of Medicine, Seoul, Korea

P

078

Trends of thyroid cancer incidence in Ukrainian population affected by radioactive iodine due to the Chernobyl accident○M. Fuzik^{1,2}, A. Prysyzhnyuk², Z. Fedorenko³, L. Gulak³, S. Yamashita¹¹Nagasaki University Graduate School of Biomedical Sciences, Nagasaki, Japan²Research Center for Radiation Medicine of AMS of Ukraine, Kiev, Ukraine³National Cancer Institute, Kiev, Ukraine

P

079

Expression of nestin mRNA is a differentiation marker in thyroid tumors

○Hiroya Yamada^{1,2}, Toru Takano¹, Yasuhiro Ito³, Fumio Matsuzuka³, Akihiro Miya³, Kaoru Kobayashi³, Hiroshi Yoshida³, Mikio Watanabe², Yoshinori Iwatani², Akira Miyauchi³

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P

080

Patient with low TSH and Hot Nodule: Is He Really Safe from Thyroid Cancer?

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P

081

Follicular and hürthle cell carcinoma of the thyroid gland in Korean

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P

082

Mutational and clinico-pathological analysis of papillary thyroid carcinoma in Serbian patients

○B. Stanojevic^{1,2}, R. Dzodic², V. Saenko³, Z. Milovanovic², G. Pupic², O. Jovanovic², I. Markovic², I. Djuricic², M. Buta², T. Rogounovitch³, N. Akulevich¹, N. Mitsutake¹, S. Yamashita^{1,3}

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P

083

The thymus in young patients with differentiated thyroid carcinoma: a possible source of false positivity of serum thyroglobulin

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P

084

Local Regional Neck Recurrence of Papillary Thyroid Cancers

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P

085

Clinical Significance of Serum Thyroglobulin after Reoperation in Tg-positive, Scan-negative Patients with Papillary Thyroid Cancer

○Lim JA, Kim TH, Ahn HY, Lee EK, Kim KW, Park YJ, Park DJ, Cho BY

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P

086

Diagnostic and therapeutic strategies for minimally and widely invasive follicular thyroid carcinomas○Chao-Chun Huang¹, Chuen Hsueh², Feng-Hsuan Liu¹, Tzu-Chieh Chao³, Jen-Der Lin¹¹Division of Endocrinology and Metabolism, Department of Internal Medicine, Chang Gung Memorial Hospital, Chang Gung University, 5 Fu-Shin St., Kweishan County, Taoyuan Hsien, Taiwan²Department of Pathology, Chang Gung Memorial Hospital, Chang Gung University, Taiwan³Department of General Surgery, Chang Gung Memorial Hospital, Chang Gung University, Taiwan

P

087

Neck nodule and thyroid cancer in young adolescent patients without radiation exposure history○Feng-Hsuan Liu¹, Chuen Hsueh², Tzu-Chieh Chao³, Jen-Der Lin¹¹Division of Endocrinology and Metabolism, Department of Internal Medicine, Chang Gung Memorial Hospital, Chang Gung University, Taiwan, R.O.C.²Department of Pathology, Chang Gung Memorial Hospital, Chang Gung University, Taiwan, R.O.C.³Department of General Surgery, Chang Gung Memorial Hospital, Chang Gung University, Taiwan, R.O.C.

P

088

Decreased Health-related Quality of Life in Disease-free Survivors of Differentiated Thyroid Cancer○Ji In Lee¹, Soo Hyun Kim¹, Alice Hyun Kyung Tan¹, Hee Kyung Kim¹, Hye Won Jang¹, Kyu Yeon Hur¹, Jae Hyeon Kim¹, Kwang Won Kim¹, Sun Wook Kim¹, Jae Hoon Chung¹¹Division of Endocrinology and Metabolism, Department of Medicine, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea²Department of Nursing, Inha University, Incheon, Korea

P

089

The Clinical Feature of Patients with Thyroid Nodule Combined with Hashimoto's Thyroiditis

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P

090

Occurrence of Elevated Anti-Thyroglobulin with Normal Thyroglobulin Levels in Patients with Differentiated Thyroid Carcinoma in the Philippines.

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P

091

Recurrent Brain Metastasis from a Papillary Microcarcinoma after Total Thyroidectomy and Radioactive Iodine Ablation: A Case Report

○Zarina Lorenzo, Lucy Anne Mamba, Sjoberg Kho

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P

092

Multiple Recurrent Papillary Carcinoma of the Thyroid: A Case Series○Aileen Y. Sia-Atanacio¹, Stefanie W. Lim-Uy¹, Sjoberg A. Kho¹, Teofilo O.L. San Luis², Leilani B. Mercado-Asis¹¹Section of Endocrinology and Metabolism, Department of Medicine, University of Santo Tomas Hospital, Espana, Manila, Philippines²Department of Nuclear Medicine, University of Santo Tomas Hospital, Espana, Manila, Philippines

P

093

Detection Of Systemic Metastasis by Imaging Modalities In Patients With Whole Body Scan-negative And Thyroglobulin-positive Differentiated Thyroid Cancer

○Eun Kyung Lee, Soon Hee Kim, Hwa Young Ahn, Tae Hyuk Kim, Jung Ah Lim, Young Joo Park, Do Joon Park, Bo Youn Cho

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P

094

Analysis of the relationship between central cervical LN metastasis and the associated factors according to the tumor size in patients with papillary thyroid carcinoma○Yi Sun Jang¹, Koon Soon Kim¹, Hye Soo Kim¹, Jong Min Lee¹, Kwan Ju Lee², Dong Ho Lee²¹Department of internal medicine, ²Department of Surgery, Daejeon St. Mary's Hospital, The Catholic University of Korea

P

095

Correlations between Genetic Alterations and Clinicopathologic Features of Papillary Thyroid Carcinomas in Taiwan○Chen-Kai Chou¹, Yi-Ju Chen², Fong-Fu Chou³, Ya-Fang Lee¹, Kuender D. Yang⁴, Jiin-Tsuey Cheng⁵, Hong-Yo Kang⁴, Chao-Cheng Huang², Rue-Tsuan Liu¹¹Division of Metabolism, ²Department of Pathology, ³Department of Surgery, ⁴Department of Medical Research, Chang Gung Memorial Hospital-Kaohsiung Medical Center, Chang Gung University, ⁵Department of Biological Sciences, National Sun Yat-Sen University, Kaohsiung, Taiwan

P

096

The result of Microarray Analysis in Korean Papillary Thyroid Cancers○Euidal Jung¹, Hosang Shon¹, Hyunsook Kim¹, Changho Cho², Sunghwan Park³¹Department of Internal medicine, Catholic University of Daegu school of medicine, Daegu, Korea²Department of Pathology, Catholic University of Daegu school of medicine, Daegu, Korea³Department of General Surgery, Catholic University of Daegu school of medicine, Daegu, Korea

P

097

Routine BRAF mutation analysis in thyroid cancer patients ; Patient acceptability and relationship of clinicopathologic features - Preliminary study

○Kim, Seung Nam, Bae, Ja Seong, Kim, Jung Su

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P

098

Clinicopathologic features of follicular variant in papillary carcinoma of the thyroid

○Bok, Sang Hoon, Bae, Ja Seong, Kim, Jung Soo

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P

099

Genetic differences in folate pathway may confer a susceptibility to development of thyroid cancer○Jee-Hee Yun¹, Ho-Cheol Kang¹, Sun-Seog Kweon², Min-Ho Shin³, Jin-Su Choi³¹Department of Internal Medicine, Chonnam National University Medical School, Gwangju, South Korea²Cancer Center, Chonnam National University Hwasun Hospital, Hwasun, Jeollanamdo, South Korea³Department of Preventive Medicine, Chonnam National University Medical School, Gwangju, South Korea

P

100

Application of Different Cutoff Level of MACIS Scoring System for Childhood and Young Differentiated Thyroid Carcinoma

○Hye Won Jang, Ji In Lee, Hee Kyung Kim, Sun Wook Kim, Kwang Won Kim, Jae Hoon Chung

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P

101

Metastasis of right upper para-esophageal lymph nodes in central compartment lymph node dissection of papillary thyroid cancer○Yoon Se Lee¹, Byung-Joo Lee¹, Yune Sung Lim¹, Jin-Choon Lee¹, Soo-Geun Wang¹, Yong-Ki Kim², In-Ju Kim², Seok-Man Son²¹Department of Otorhinolaryngology-Head and Neck Surgery Pusan National University School of Medicine and Medical Research Institute, Pusan National University, Pusan, Korea²Department of Internal Medicine, Pusan National University School of Medicine and Medical Research Institute, Pusan National University, Pusan, Korea

P

102

Independent factors predicting recurrence of papillary thyroid microcarcinoma○Minhee Kim¹, Dong-Jun Lim¹, Eun-Hee Jang¹, Soo-Yeon Kim¹, Jong-Min Lee¹, Ja Seong Bae², Seung Nam Kim², Bong-Yun Cha¹, Kwang-Woo LEE¹, Ho-Young Son¹¹Division of Endocrinology and Metabolism, Department of Internal Medicine, The Catholic University of Korea, Seoul, Korea²Department of Surgery, College of Medicine, The Catholic University of Korea, Seoul, Korea

P

103

BRAF^{V600E} is not related to HIF 1 α expression in PTMC○Koon Soon Kim¹, Jung uee Lee², Yi Sun Jang¹, Hye Soo Kim¹, Jong Min Lee¹¹Department of Internal Medicine, ²Department of Pathology, Daejeon St. Mary's Hospital, The Catholic University of Korea, Daejeon, South Korea

P

104

An in-tube in situ hybridization method for the novel stem cell detection system, FACS-mQ○Rie Maruo^{1,2}, Hiroya Yamada^{1,2}, Toru Takano¹, Mikio Watanabe², Yoshinori Iwatani², Yoh Hidaka¹¹Department of Laboratory Medicine, Osaka University Graduate School of Medicine, Suita, Japan²Department of Biomedical Informatics, Osaka University Graduate School of Medicine, Suita, Japan

P

105

The effect of Atorvastatin and Simvastatin on TPC-1 cell apoptosis and NIS mRNA expression

○TaeKyoon Kim, Hyesook Jung, ChangshinYoon, JungHae Ko, Hyejung Jun, Minjung Kwon, Sunhee Lee, Jeong Hyun ParkJung

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P

106

Overcoming of The Most Common Complication after Thyroidectomy with Parathyroid Hormone Gene Therapy

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P

107

Treatment of Dkk-1 inhibits thyroid cancer cell growth by regulating Wnt/ β -catenin signaling

○Sun Wook Cho¹, Hwa Young Ahn¹, Soon Hui Kim¹, Ju Yeon Jung¹, Eun Kyung Lee¹, Kyung Won Kim¹, Young, Joo Park¹, Do Joon Park¹, Chan Soo Shin¹, Soon-Hyun Ahn², Bo Youn Cho¹

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P

108

Expression level of p18, but not p27, is reduced in thyroid tumors.

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P

109

Classification of thyroid size by palpation and ultrasonography. Comparison of methods for thyroid volume estimation in men and women in Isfahan

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P

110

Observer Variability and the Performance between Faculty and Residents : US Criteria for Benign and Malignant Thyroid Nodules

○Sung Hun Kim, So Lyung Jung, Jae Jung Choi, Jee Hye Lee.

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P

111

Comparison of repeat fine-needle aspiration (FNA) and core-needle biopsy (CNB) in thyroid nodules with indeterminate FNA cytology.○Dong Gyu Na¹, Ji-Hoon Kim², Jung-Hwan Baek³, Hunkyung Lee⁴¹Human Medical Imaging and Intervention Center, Thyroid clinic²Department of Radiology, Seoul National University Hospital, Seoul National University College of Medicine,³Department of Radiology, Asan Medical Center, Ulsan University College of Medicine,⁴Ewha Clinical Laboratory, Seoul, Korea

P

112

Ultrasonography(US)-guided Percutaneous Ethanol Ablation for Thyroglossal Duct Cysts: Efficacy and Safety○Hyun Kyung Lim¹, Jung Hyun Lee¹, Sun Mi Kim¹, Jung Hwan Baek^{1,2}¹Department of Diagnostic Radiology, Asan Medical Center, University of Ulsan College of Medicine, Seoul, Korea²Department of Radiology and Thyroid Center, Daerim St. Mary's Hospital, Seoul, Korea

P

113

Combination therapy for predominantly cystic thyroid nodules (PCTNs): Ethanol ablation (EA) followed by Radiofrequency ablation (RFA)○Jung Hwan Baek^{1,2}, Yoon Suk Kim¹, Sunmi Kim², Huyn kyung Im², Ducky Lee³, Jeong Hyun Lee²¹Department of Radiology, Thyroid Center, Daerim St. Mary's Hospital, Seoul, Korea²Department of Radiology and Research Institute of Radiology, University of Ulsan College of Medicine, Asan Medical Center, Seoul, Korea³Department of Internal Medicine, Thyroid center, Daerim St. Mary's Hospital, Seoul, Korea

P

114

Diagnostic Value of Ultrasonography in the Thyroid Papillary carcinoma○Jin Pyeong Kim^{1,3}, Seong Yong Ahn¹, Jeong Je Park^{1,3}, Eun Sook Ko², Sung Hun Woo¹¹Department of Otolaryngology, ²Radiology, ³Institute of Health Science, College of Medicine, Gyeongsang National University, Jinju, South Korea

P

115

Thyroid dysfunction and thyroid auto-antibody in type 1 Diabetic Patients

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P

116

Scintigraphic and Ultrasonographic Thyroid Gland Size Determination for Radioactive Iodine Dose Computation○Jasmine M. de Jesus¹, Teofilo O.L. San Luis Jr.¹, Orlando L. Chan Jr.¹, Mario T. Milo²¹University of Santo Tomas Hospital, Manila, Philippines

P

117

Thyroid and Parathyroid Elastography in Japan

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P

118

ULTRASOUND ELASTOGRAPHY IN THE DIFFERENTIATION OF THYROID NODULES

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P

119

Can Sonographic Findings Predict the Presence of the BRAF^{V600E} Mutation of a Papillary Thyroid Carcinoma?

○Jung Hee Shin¹, Jiyoung Hwang¹, Boo-Kyung Han¹, Eun Young Ko¹, Seok Seon Kang¹,
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P

120

Is the core biopsy for the large thyroid mass dangerous?

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Ja Sung Bae¹, Chan Kwon Jung¹, So Lyung Jung¹

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P

121

Efficacy of Ultrasound-Guided Radiofrequency Ablation on Benign Solitary Solid Thyroid Nodules: One versus Two Treatments

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P

122

Clinical characteristics of FDG uptake by benign thyroid lesions

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P

123

Possibility of thyroid remnant ablation by fractionated dosing for the outpatient -The present state in Japan-

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P

124

Assessment of pulmonary uptake in post-therapy I-131 whole body scan in well differentiated thyroid cancer patients.

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Bo Youn Cho², Myung Chul Lee¹

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P

125

A Comparison of Success Rate and Prognosis According to ¹³¹I Administered Dose for Postoperative Thyroid Remnant Ablation in Differentiated Thyroid Carcinoma

○ Eui Young Kim¹, Won Gu Kim¹, Won Bae Kim¹, Tae Yong Kim¹, Jin-Sook Ryu²,
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P

126

Voice Analysis in Hypothyroid state before Radioiodine Ablation in Totally Thyroidectomized Patients

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P

127

Tc-99m Thyroid scintigraphy in the assessment of the incidental thyroid nodules

○ Seong Su Moon, Yeon Kyung Choi, Hyun Ae Seo, Jae Han Jeon, Jung Eun Lee, Ji Yun Jeong, Jung Guk Kim, Bo Wan Kim, In Kyu Lee

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P

128

Combined I-131 Therapy with Retinoic Acid in Refractory Papillary Thyroid Cancer

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Dong Soo Lee¹, June-Key Chung¹

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P

129

Utility of FDG PET/CT Scans on Nodal Staging in Patients with Papillary Thyroid Cancer

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P

130

Diagnostic Accuracy of F-18 FDG PET and I-131 Whole Body Scan in Recurrent Thyroid Cancer; Comparison among Metastatic Sites

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P

131

Differential Diagnosis of I-131 Accumulation in the Thyroid Bed in Post-operative Thyroid Cancer Patients using F-18 FDG PET○Yun Jae Chung¹, Ju Won Seok²¹Department of Endocrinology, College of Medicine, Chung-Ang University, Seoul, Korea²Department of Nuclear Medicine, College of Medicine, Chung-Ang University, Seoul, Korea**P**

132

Effectiveness of Radioactive Iodine Therapy in Diffuse and Nodular Non-Toxic Goiter

○Aileen Y. Sia-Atanacio, Leilani B. Mercado-Asis

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P

133

Usefulness of 24hr urine iodine adjusted by creatinine from spot urine to predict 24-hr urine iodine excretion in patients with differentiated thyroid cancer for radioiodine therapy

○Hee Kyung Kim, Ji In Lee, Hye Won Jang, Soo Kyong Kim, Hye Soo Chung, Kyu Yeon Hur, Jae Hyeon Kim, Kwang Won Kim, Sun Wook Kim, Jae Hoon Chung

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P

134

Effective low dose radioactive iodine therapy for hyperthyroidism caused by metastatic thyroid cancer

○Eijun Nishihara, Naoyuki Tsujimoto, Mako Fujiwara, Hanae Hagiwara, Kazuna Takata, Takumi Kudo, Mitsuru Ito, Sumihisa Kubota, Nobuyuki Amino, Akira Miyauchi

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P

135

The Clinical Significance of Diagnostic Whole Body Scan Positive, Thyroglobulin Negative Patients in Differentiated Thyroid Carcinoma After High-dose Remnant Ablation

○Dong-Jun Lim, Min-Hee Kim, Ji-Hyun Kim, Hyuk-Sang Kwon, Moo-Il Kang, Bong-Yun Cha, Kwang-Woo Lee, Ho-Young Son

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P

136

Menstrual Function after Radioiodine Therapy in Patients with Thyroid Cancer

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P

137

Time course early hypothyroidism after radioiodine therapy of hyperthyroid patients in Zahedan, Iran○Homeira Rashidi¹, Faeze Dastjerdi², Mehdi Mohamadi²¹Diabetes Research Center, Joundishapur University of Medical Sciences, Ahwaz, Iran²University of Medical Sciences, Zahedan, Iran

P

138

Patterns of Post-Thyroidectomy Hemorrhage

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P

139

Standardization of "deltopectoral flap reconstruction" with preoperatively transplanted auricular cartilage for thyroid papillary cancer invading the trachea

○Masayuki Tori¹, Hiroki Akamatsu¹, Katsuhide Yoshidome¹, Tsukasa Oyama¹, Shigeyuki Ueshima¹, Takeshi Omori¹, Takuya Hamakawa¹, Masaaki Nakahara¹, Motomu Maeda²

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P

140

The usefulness of MDVP and VRP in evaluation of difficulty with high pitch phonation after thyroidectomy

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P

141

A case of vacuum-assisted management for esophageal perforation after total thyroidectomy

○Sun Wook Han, Hee Doo Woo, Doo Min Son, Sung Yong Kim, Chul Wan Lim, Min Hyuk Lee

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P

142

Laryngeal Preservation by Wide-Vertical Hemilaryngopharyngectomy (WVHLP) in Locally Advanced Thyroid Cancer

○Jun-Ook Park, Young-Hoon Joo, Jung-Hae Cho, Byung-Jun Chun, Dong-il Sun, Min-Sik Kim

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P

143

Prophylactic Selective Lateral Neck Dissection for Papillary Thyroid Carcinoma with Central-compartment Lymph Node Metastasis

○Byung-Joo Lee, Soo-Geun Wang, Jin-Choon Lee, Yune-Sung Lim, Yoon-Se Lee, Yong-Ki Kim, In-Ju Kim, Bo-Hyun Kim, Sang-Soo Kim, Soo-Hyung Lee

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P

144

Comparison of tumor size in papillary thyroid carcinoma : between preoperative ultrasonographic and postoperative histopathologic finding

○Soo-Geun Wang, Byung-Joo Lee, Jin-Choon Lee, Yune-Sung Lim, Yoon-Se Lee, Yong-Ki Kim, In-Ju Kim, Bo-Hyun Kim, Sang-Soo Kim, Soo-Hyung Lee

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P

145

Postoperative Remnant Thyroid Measurement in Endoscopic Total Thyroidectomy by Radioactive Iodine Scan : Comparison with Open Total Thyroidectomy

○Do Hoon Koo¹, Hyung Jun Im², Il Han Lim², Su Jin Kim¹, Jeong Hoon Lee¹, Yoo Seung Chung³, Kyoung Sik Park⁴, Kyu Eun Lee², Jin Chul Paeng¹, Yeo-Kyu Youn², June-Key Chung¹, Dong Soo Lee¹

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P

146

Recovery of Sensation in the Skin Flap after the Bilateral Axillo-Breast Approach Endoscopic Thyroidectomy

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P

147

Efficacy of Interceed as an anti-adhesive barriers in thyroid surgery : Randomized Controlled Prospective Study

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P

148

Sunitinib - induced painless thyroiditis: Case report

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P

149

Recurrence of Painless Thyroiditis in a Patient with Resistance to Thyroid Hormone

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- P** 150 **Papillary Thyroid Cancer in a Juvenile Patient: A Case Report**
○Stefanie W. Lim-Uy, Sjoberg A. Kho
Section of Endocrinology and Metabolism, University of Santo Tomas Hospital, Manila, Philippines
- P** 151 **The effectiveness of endoscopic thyroidectomy in early thyroid cancer**
○Doo Min Son, Hee Doo Woo, Sun Wook Han, Sung Yong Kim, Chul Wan Lim, Min Hyuk Lee
Department of Surgery, College of Medicine, Soonchunhyang University, Korea
- P** 152 **Therapeutic Options for Amiodarone-Induced Thyrotoxicosis in a Cardiomyopathic Male: A Case Report**
○Analyza M. Galia, Leilani B. Mercado-Asis
Section of Endocrinology and Metabolism, Department of Medicine, University of Santo Tomas Hospital, Espana, Manila, Philippines
- P** 153 **A case presenting with thyroid storm and dilated cardiomyopathy after ingestion of marine toxin supposed to be tetrodotoxin**
○Kyung Woo Noh¹, Chun Sik Sun², Choi Jae Woong², Young Bum Cho², Hyo Jeong Kim¹
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- P** 154 **Robotic Thyroid Surgery by Bilateral Axillo-Breast Approach Using da Vinci Surgical System**
○Kyu Eun Lee^{1,2}, Su Jin Kim^{1,2}, Jeonghun Lee^{1,2}, Do Hoon Koo^{1,2}, Yeo-Kyu Youn^{1,2}
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²Cancer Research Institute, Seoul National University, College of Medicine, Seoul, Korea
- P** 155 **Medullary Thyroid Cancer in an Australasian cohort- a Genotype Phenotype orrelation**
○Abraham D, Benn D, Messina M, Sidhu S, Robinson B
Kolling Institute of Medical Research, University of Sydney, Australia
- P** 156 **Increased bile acid excretion may account for the plasma cholesterol lowering effect of thyroid hormone**
○KW Kim^{1,2}, YJ Park^{2,3}, EK Lee², HY Ahn², SH Kim², JA Lim², TH Kim², DJ Park², BY Cho²
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P

157

Multiple endocrine neoplasia (MEN) type 1 in Japan

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P

158

A Complicated Case of Thyroid Storm

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P

159

LOW LEVELS OF TRIIODOTHYRONINE IN PATIENTS WITH ALZHEIMER DISEASE

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