
No. 1
Original Paper
Cortisol Levels in Glucose-6-Phosphate Dehydrogenase Deficiency
Saad, M.J.A.; Monte-Alegre, S.; Saad, S.T.O
Evidence of Altered Dopaminergic Modulation of Prolactin and Thyrotropin Secretion in Patients with Polycystic Ovary Syndrome
Velardo, A.; Pantaleoni, M.; Zironi, C; Zizzo, G.; Marra, P
Dynamic Changes in Soluble Interleukin-2 Receptor Levels during Treatment of Graves' Disease. Correlation with Disease Activity
Weryha, G.; Gobert, B.; Leclère, J.; Béné, M.-C; Faure, G.; Hartemann, P
Multicenter Clinical Trial to Evaluate the Therapeutic Use of Recombinant Growth Hormone from Mammalian Cells in the Treatment of Growth Hormone Neurosecretory Dysfunction
Hernández, M.; Nieto, J.A.; Sobradillo, B.; Pombo, M.; Ferrández, A.; Rejas, J
Exogenous Human Growth Hormone Reduces Body Fat in Obese Women
Skaggs, S.R.; Crist, D.M
Evaluation of 24-Hour Growth Hormone Spontaneous Secretion: Comparison with a Nocturnal and Diurnal 12-Hour Study
Saggese, G.; Cesaretti, G.; Cinquanta, L.; Giannessi, N.; Bracaloni, C; Di Spigno, G.; Cioni, C
Nocturnal Profile of Growth Hormone Secreting during Sleep Induced by Zolpidem: A Double-Blind Study in Young Adults and Children
Colle, M.; Rosenzweig, P.; Bianchetti, G.; Fuseau, E.; Ruffié, A.; Ruedas, E.; Morselli, P.L
Gonadotropin, Prolactin and Thyrotropin Pituitary Secretion after Exogenous Dehydroepiandrosterone-Sulfate Administration in Normal Woman
Inaudi, P.; Massafra, C; Bernabei, A.; Antoni, G.; D'Antona, N
Congenital Hypothyroidism and Pericardial Effusion
Rondonini, G.F.; Panizza, G. de; Bollati, A.; Manzoni, P.; Terenghi, A.; Mutinelli, M.R.; Corallo, S.; Chiumello, G. 41
Abstracts
17th Annual Meeting of ISGD
Williamsburg, Va., USA, June 19-22, 1991
Original Paper
Association of Pharmacological Tests and Study of 24-Hour Growth Hormone Secretion in the Investigation of Growth Retardation in Children: Analysis of 257 Cases
Rochiccioli, P.; Pienkowski, C; Tauber, M.-T.; Uboldi, F.; Enjaume, C
Comparative Study of Biosynthetic Human Growth Hormone Immunogenicity in Growth Hormone Deficient Children
Rougeot, C; Marchand, P.; Dray, F.; Girard, F.; Job, J.C.; Pierson, M.; Ponte, C; Rochiccioli, P.; Rappaport, R.

Case Reports
Sodium Valproate-Induced Menstrual Disturbance in Young Women
Jones, T.H
Papillary Carcinoma in an Ectopic Thyroid
Zink, A.; Raue, F.; Hoffmann, R.; Ziegler, R

No. 3-4
Original Paper
Diurnal Variations and Temporal Coupling of Bioactive and Immunoactive Luteinizing Hormone, Prolactin, Testosterone and 17-Beta-Estradio in Adult Men
Juneja, H.S.; Karanth, S.; Dutt, A.; Parte, P.; Meher-Jee, P

Chronic Growth Hormone Administration Does Not Suppress Endogenous Growth Hormone Secretion in Patients with Neurosecretory Growth Hormone Dysfunction
Zadik, Z.; Limoni, Y.; Lieberman, E

IV
Contents
Pyridostigmine Enhances Even if it Does Not Normalize the Growth Hormone Responses to Growth Hormone-Releasing Hormone in Patients with Cushing’s Disease
Giustina, A.; Bossoni, S.; Bodini, C; Ferrari, C; Pizzocolo, G.; Scalvini, T.; Schettino, M.; Wehrenberg, W.B

Hypopituitarism and Stalk Agenesis: A Congenital Syndrome Worsened by Breech Delivery?
Maghnie, M.; Larizza, D.; Triulzi, F.; Sampaolo, P.; Scotti, G.; Severi, F

Left Middle Finger Metacarpophalangeal Growth in Turner Syndrome. Normal Values and Changes after Growth Hormone Treatment
Chavez Meyer, H.; Ranke, M.B

Recurrence following Transsphenoidal Surgery for Acromegaly
Buchfelder, M.; Brockmeier, S.; Fahlbusch, R.; Honegger, J.; Pichl, J.; Manzl, M
Relationship between Plasma Profiles of Oxytocin and Adrenocorticotropic Hormone during Suckling or Breast Stimulation in Women
Chiodera, P.; Salvarani, C; Bacchi-Modena, A.; Spallanzani, R.; Cigarini, C; Alboni, A.; Gardini, E.; Coiro, V. 119

Gonadal Agenesis in a 46, XY Female with Multiple Malformations and Positive Testing for the Sex-Determining Region of the Y Chromosome

Propylthiouracil Hypersensitivity with Circumstantial Evidence for Drug-Induced Reversible Sensorineural Deafness: A Case Report
Fong, P.-C. Pun, K.-K.; Tai, Y.-T.; Wang, C; Yeung, R.T.T 132

Comparison between a Slow-Releases Oral Preparation of Bromocriptine and Regular Bromocriptine in Patients with Hyperprolactinemia: A Double Blind, Double Dummy Study
Moro, M.; Maraschini, C; Toja, P.; Masala, A.; Alagna, S.; Rovasio, P.P.; Ginanni, A.; Lancrenan, J.; Cavagnini, F. 137

Long-Term Low-Dose Glucocorticoid Therapy in Hyper-androgenized Women: Utility and Effects on Bone Mineral Content and Hypothalamic-Pituitary-Adrenocortical Function
Contreras, L.N.; Rizzo, L.; Gómez, R.M.; Zanchetta, J.R.; Rossi, M.A.; Krafl, M.; Masini, A.M.; Bruno, O.D 142

Long-Term Intramuscular Administration of Thyrotropin-Releasing Hormone Tartrate in Patients with Cerebro-vascular Disease: Effects on the Pituitary-Thyroid Axis
Monzani, F.; Pucci, E.; Fierabracci, P.; Nebbiai, G.; Colli, A.; Caraccio, N.; De Negri, F.; Franchi, F.; Baschieri, L. 146

Human Placental 17ß-Estradiol Dehydrogenase: Enzymatic Activity in the Last Weeks of Pregnancy and Electrophoretic Data
Corbo, R.M.; Scacchi, R.; Lenci, M 151

Effect of L-Asparaginase on Insulin Secretion from Isolated Rat Islets of Langerhans
Pou, J.M.; Cervera, T.; Perez, A.; Ortiz, M.A.; Arroyo, J.A 155

Combination Ultrafiltration and 6 M Urea Treatment of Human Growth Hormone Effectively Minimizes Risk from Potential Creutzfeldt-Jakob Disease Virus Contamination
Pocchiari, M.; Peano, S.; Conz, A.; Eshkol, A.; Maillard, F.; Brown, P.; Gibbs, C.J., Jr.; Xi, Y.G.; Tenham-Fisher, E.; Macchi, G 161

Case Reports
A Giant Prolactinoma and the Effect of Chronic Bromocriptine Therapy on Basal and TRH-Stimulated Serum Prolactin Levels
Barrera, C.M.; Ruiz, A.E.; Banks, W.A 167

Subacute Thyroiditis Presenting as Cushing’s Syndrome. Case Report
Romano, A.; Blethen, S.L 170
No. 5
Original Paper
Serum Inhibin as an Index of Ovarian Function in Women Undergoing Pituitary Suppression and Ovarian Stimulation in an in vitro Fertilization Program
Pharmacokinetics of Levonorgestrel in 18 Women after 1 Month of Treatment with a Triphasic Oral Contraceptive
Kuhnz, W.; Al-Yacoub, G. 178
Salivary Testosterone Measurements among Women: Relative Magnitude of Circadian and Menstrual Cycles
Dabbs, J.M., Jr.; La Rue, D. de 182
A Follow-Up Study of 85 Patients with Graves’ Disease in Remission Who Developed Undetectable Serum Thyroid-Stimulating Hormone Concentrations Using Sensitive TSH Assays
Binding Protein for Human Growth Hormone: Effects of Age and Weight
Holl, R.W.; Snehotta, R.; Siegler, B.; Scherbaum, W.; Heinze, E. 190
Use of Athymic Nude Mice for in vivo Studies of Human Growth-Hormone-Secreting Pituitary Adenomas
Puchner, M.J.A.; Lüdecke, D.K.; Saeger, W.; Herrmann, H.-D. 198
Case Reports
Changes in Serum Thyroid Hormone Autoantibody Concentrations during Pregnancy: A Case Report
Abs, R.; Martin, M.; Blockx, P. 205
Onset of Subacute Aggravation of Chronic Thyroiditis Followed Immediately by Transient Hypothyroidism during Antithyroid Drug Therapy for Graves’ Hyperthyroidism
10 Years of Successful Treatment with Dextrothyroxine in a Girl with TSH-Induced Hyperthyroidism
Krawczynska, H; Wojcik-Musialek, K.;mitig, R. 213
Contents

No. 6
Original Paper
Growth Progression and 24-Hour Hormone Profile in an Infant Treated Chronically with a Long-Acting Somatostatin Derivative
Rodriguez, A.; Pozo, E. del; Rodriguez-Arnao, M.D.; Gómez-Pan, A. 217
Constitutional Delay of Growth and Puberty: Do They Really Reach Their Target Height?

Kalckreuth, G. v.; Haverkamp, F.; Kessler, M.; Rosskamp, R.H 222

Isolated Aplasia of the Anterior Pituitary as a Cause of Congenital Panhypopituitarism. Case Report
Kosaki, K.; Matsuo, N.; Tamai, S.; Miyama, S.; Momoshima, S 226

Three-Year Results of Treatment with Growth Hormone, Alone or Associated with Oxandrolone, in Girls with Turner Syndrome
Job, J.-C; Landier, F.; Kabi Collaborative Study Group 229 Plasma Estriol Levels after Intramuscular Injection of Estriol and Two of Its Esters
Heithecker, R.; Aedo, A.-R.; Landgren, B.-M.; Cekan, S.Z. 234 Metoclopramide Increases Plasma but Not Cerebrospinal Fluid Vasopressin Levels in Man: Study in Hydrocephalic Patients
Barreca, T.; Franceschini, R.; Siani, C; Cataldi, A.; Franceschini, R.; Silvestro, C; Rolandi, E 239

Androgen Synthesis in Human Fetal Testis Exposed in utero to a Combination of Norethindrone Acetate and Ethinyl Estradiol
Kellokumpu-Lehtinen, P.; Pelliniemi, L.J.; Pulkkinen, M.O.; Schweikert, H.U 242

Epidermal Growth Factor Enhancement of Insulin-Like Growth Factor-I-Induced Down-Regulation of Insulin-Like Growth Factor I Receptor in Cultured Placental Trophoblastic Cells
Bhaumick, B.; Bala, R.M 246

Interleukin-6 Stimulates Gonadotropin-Releasing Hormone Secretion from Rat Hypothalamic Cells
Yamaguchi, M.; Koike, K.; Yoshimoto, Y.; Matsuzaki, N.; Miyake, A.; Tanizawa, O 252

Book Reviews 257

Author Index 258

Subject Index 261

Suppl. 1

New Aspects of Prolactin in Human Reproductive Physiology
Second Tokyo Conference on Reproductive Physiology
Tokyo, August 25, 1990

Guest Editors: T. Aso, Tokyo; S. Kawagoe, Yamagata

Suppl. 2

30th Annual Meeting of the European Society for Paediatric Endocrinology (ESPE) Abstracts
Guest Editor: V. Hesse, Berlin