

JOURNAL OF NIPPON MEDICAL SCHOOL

Vol. 79 (No. 1—6)

(2012)

CONTENTS

Photogravures

- Cosmetic Benefits of the Central Approach with Video-assisted
Neck Surgery in Graves' DiseaseRitsuko Okamura, Haruki Akasu, Takehito Igarashi, Kiyomi Hames,
Tomoo Jikuzono, Yuka Takema, Kazuo Shimizu... 2
- Clinicopathological Study of a Case of Heart TransplantationMasataka Tanno, Nobuhiro Tanno,
Kinya Hayakawa, Kinishiko Seki...102
- Regulation of Tuberoinfundibular Dopamine (TIDA) Neurons
by Kisspeptin Neurons.....Hitoshi Ozawa, Nobuhiko Sawai, Kinuyo Iwata, Ken Takumi, Norio Iijima...168
- Hand Acupuncture and Vascular InjuryYiu-Ming Wong, Hiroaki Hobara...246
- Caffeine's Effects on Attentional Networks in Healthy Subjects:
A Pharmacological Functional Magnetic Resonance Imaging StudyYumiko Ikeda, Michihiko Koeda,
Woochan Kim, Amane Tateno, Yoshiro Okubo, Hidenori Suzuki...318
- Ultra-high-resolution Images of Nestin and Vimentin in Pancreatic Carcinoma
Cells Using 2 Novel Microscopy SystemsHisashi Yoshimura, Yoko Matsuda, Zenya Naito,
Megumi Murase, Yoko Kawamoto, Toshiyuki Ishiwata...392

Reviews

- Novel Therapeutic Targets for Sepsis:
Regulation of Exaggerated Inflammatory ResponsesAkihisa Matsuda, Asha Jacob, Rongqian Wu,
Monowar Aziz, Weng-Lang Yang, Takeshi Matsutani,
Hideyuki Suzuki, Kiyonori Furukawa, Eiji Uchida, Ping Wang... 4
- Treatment Modalities for Bleeding Esophagogastric Varices.....Hiroshi Yoshida, Yasuhiro Mamada,
Nobuhiko Tanai, Masato Yoshioka, Atsushi Hirakata,
Youichi Kawano, Yoshiaki Mizuguchi, Tetsuya Shimizu, Junji Ueda, Eiji Uchida... 19
- Applications of Statistics to Medical Science, II Overview of
Statistical Procedures for General UseHiroshi Watanabe... 31
- Cervical Anterior Fusion with the Williams-Isu Method:
Clinical ReviewKyongsong Kim, Toyohiko Isu, Daijiro Morimoto,
Atsushi Sugawara, Shiro Kobayashi, Akira Teramoto... 37
- Brain Protection Therapy in Acute Cerebral InfarctionKen-ichiro Katsura, Satoshi Suda,
Arata Abe, Takuya Kanamaru, Yusuke Toda, Yasuo Katayama...104
- Blood Pressure Control in Patients with Chronic Kidney DiseaseKouichi Utsumi, Ken-ichiro Katsura,
Yasuhiko Iino, Yasuo Katayama...111
- Applications of Statistics to Medical Science, III Correlation and RegressionHiroshi Watanabe...115
- Allergic Rhinitis and Vascular Endothelial Growth FactorShoji Matsune...170
- Applications of Statistics to Medical Science, IV Survival AnalysisHiroshi Watanabe...176
- Water-soluble Fullerene Derivatives for Drug DiscoveryShigeo Nakamura, Tadahiko Mashino...248
- Serotype-independent Method of Recombinant Adeno-associated Virus (AAV)
Vector Production and PurificationKoichi Miyake, Noriko Miyake,
Yoshiyuki Yamazaki, Takashi Shimada, Yukihiko Hirai...394

Originals

- Sequential Analysis of Myofibroblast Differentiation and Transforming Growth Factor- β 1/
Smad Pathway Activation in Murine Pulmonary FibrosisJiro Usuki, Kuniko Matsuda,
Arata Azuma, Shoji Kudoh, Akihiko Gemma... 46

Fetal Heart Rate Classification Proposed by the Perinatology Committee of the Japan Society of Obstetrics and Gynecology: Reproducibility and Clinical Usefulness	Masako Hayashi, Akihito Nakai, Atsuko Sekiguchi, Toshiyuki Takeshita···	60
Inducible Nitric Oxide Synthase Participates in Cochlear Damage after Acoustic Stimulation in Guinea Pigs	Shunta Inai, Ken-ichi Watanabe, Kimihiro Okubo···	121
Involvement of Tachykinins and NK ₁ Receptor in the Joint Inflammation with Collagen Type II-Specific Monoclonal Antibody-Induced Arthritis in Mice	Akira Makino, Atsushi Sakai, Hiromoto Ito, Hidenori Suzuki···	129
Staple Line Coverage with a Polyglycolic Acid Sheet Plus Pleural Abrasion by Thoracoscopic Surgery for Primary Spontaneous Pneumothorax in Young Patients	Shuji Haraguchi, Kiyoshi Koizumi, Iwao Mikami, Junichi Okamoto, Yoshihito Iijima, Takayuki Ibi, Kazuo Shimizu···	139
Mometasone Furoate Nasal Spray Relieves the Ocular Symptoms of Seasonal Allergic Rhinoconjunctivitis	Tsutomu Igarashi, Yuri Nakazato, Tomoyuki Kunishige, Miho Fujita, Yumi Yamada, Chiaki Fujimoto, Kimihiro Okubo, Hiroshi Takahashi···	182
Changes in Bone Mineral Density of Users of the Levonorgestrel-releasing Intrauterine System	Ki Yeol Yang, Young Sun Kim, Young Il Ji, Min Hyung Jung···	190
Usefulness of a Semicircular Capsulotomy Marker·····	Hisaharu Suzuki, Toshihiko Shiwa, Hideaki Oharazawa, Hiroshi Takahashi···	195
The Effect of Maximum Voided Volume on Response to Desmopressin Therapy in Children with Enuresis	Mesut Okur, Semiha Fatma Ozen, Kenan Kocabay, Kamil Cam, Aybars Ozkan, Hakan Uzun···	255
Objective Assessment of Postoperative Gastrointestinal Motility in Elective Colonic Resection Using a Radiopaque Marker Provides an Evidence for the Abandonment of Preoperative Mechanical Bowel Preparation·····	Junpei Sasaki, Satoshi Matsumoto, Hayato Kan, Takeshi Yamada, Michihiro Koizumi, Yoshiaki Mizuguchi, Eiji Uchida···	259
Bone Changes Associated with Soft-tissue Tumors of the Hand	Yasuyuki Kitagawa, Kensuke Tamai, Ryu Tsunoda, Takuya Sawaizumi, Shinro Takai···	267
Quantitative Analysis with Atomic Force Microscopy of Cisplatin-induced Morphological Changes in HeLa and Ishikawa Cells	Young-Sun Kim, Kyung-Sook Kim, Chang-Hoon Cho, Kyung-Sik Yoon, Hun-Kuk Park, Min-Hyung Jung···	320
Microsurgical Medial Fenestration with an Ultrasonic Bone Curette for Lumbar Foraminal Stenosis	Daijiro Morimoto, Toyohiko Isu, Kyongsong Kim, Atsushi Sugawara, Ryoji Matsumoto, Masanori Isobe···	327
Dynamic Morphologic Change and Differentiation from Fetal to Mature Pancreatic Acinar Cells in Rats	Tomoko Inagaki, Takuma Tajiri, Genshu Tate, Toshiaki Kunimura, Toshio Morohoshi···	335
Epidemiological and Clinical Aspects of Human Brucellosis in Eastern Anatolia	Cenk Aypak, Adalet Altunsoy, Ali Kutta Çelik···	343
Acoustic Stimulation Promotes DNA Fragmentation in the Guinea Pig Cochlea	Tomonobu Kamio, Ken-ichi Watanabe, Kimihiro Okubo···	349
An Effective Training Program for Chest Tube Drainage for Medical Interns in a Clinical Simulation Laboratory	Akinobu Yoshimura, Seiji Kosaihiira, Taisuke Morimoto, Chol Kim, Takaya Tsueshita, Kohji Adachi, Ryoko Aso, Toshiro Shimura, Hiroshi Nakano, Akihiko Gemma···	403
Sleep-Disordered Breathing with Nighttime Hypocapnia Relates to Daytime Enhanced Ventilatory Response to Exercise in Patients with Heart Disease·····	Nagaharu Fukuma, Hiroko Hayashi, Juri Sugaya, Tomohiro Aida, Masatoshi Kato, Kazuyo Kato, Yuko Kato, Hiroshi Takahashi, Kyoichi Mizuno···	409
Retrospective Study of Laparoscopic Radical Prostatectomy for Localized Prostate Cancer after Transurethral Resection of the Prostate Compared with Retropubic Radical Prostatectomy at the Same Institution	Yasutomo Suzuki, Ichiro Matsuzawa, Tsutomu Hamasaki, Go Kimura, Yukihiro Kondo···	416
Clinical Significance of the Augmentation Index in Patients with Preserved Kidney Function	Takashi Hitsumoto···	422

Clinical Clerkship Course for Medical Students on Lumbar Puncture Using Simulators	Koji Adachi, Akinobu Yoshimura, Ryoko Aso, Tsuguhiro Miyashita, Daizo Yoshida, Akira Teramoto, Toshiro Shimura···	430
Roles of Consultation Organizations in the Early Detection of Dementia: From the Practices of the Community Consultation Center for Citizens with Mild Cognitive Impairment and Dementia, Nippon Medical School	Toshiaki Nomura, Satoko Matsumoto, Shin Kitamura, Akiko Ishiwata, Chika Ishii, Rumi Nemoto, Oichi Kawanami···	438
Accelerated and Safe Proliferation of Human Adipose-derived Stem Cells in Medium Supplemented with Human Serum	Fonny Josh, Kyoko Kobe, Morikuni Tobita, Rica Tanaka, Koji Suzuki, Kasumi Ono, Hiko Hyakusoku, Hiroshi Mizuno···	444

Report on Experiments and Clinical Cases

The Current Status of Blood Pressure Control among Patients with Hypertension: A Survey of Actual Clinical Practice.....	Nobuo Hatori, Kazuyoshi Sato, Masaaki Miyakawa, Kazuhiko Mitani, Masayuki Miyajima, Shouhei Yuasa, Takamoto Furuki, Ikuro Matsuba, Keiichi Naka···	69
Bone-anchored Sling Created with the InVance™ System for the Treatment of Incontinence after Radical Prostatectomy: Initial Experience in Japan	Yasutomo Suzuki, Yuka Saito, Yukihiro Kondo···	143
Dual-portal Endoscopic Gastrocnemius Recession for the Treatment of Severe Posttraumatic Equinus Deformity: A Case Series and a Review of Technical Modifications	Chayanin Angthong, Supakit Kanitnate···	198
Efficacy and Safety of Gemcitabine Monotherapy for Patients with Advanced Biliary Tract Cancer	Tadashi Yokoyama, Hiroshi Yoshida, Hiroshi Makino, Hiroshi Maruyama, Seiji Suzuki, Takeshi Matsutani, Akira Matsushita, Atsushi Hirakata, Koji Sasajima, Eiji Uchida···	204
Fatal Tracheo-innominate Artery Fistula after Tracheostomy in a Patient with Pelizaeus-Merzbacher Disease	Takehide Imai, Masato Takase, Sachiyo Takeda, Katsuji Hosone, Shunichi Tomiyama, Yuichi Nakanowatari···	274
Perinatal Outcomes of Failed Vacuum Extraction	Yoshie Hiraizumi, Atsushi Miura, Hidehiko Miyake, Shunji Suzuki···	280
History and Current Practice of Blood Purification Therapy in Nippon Medical School Musashi Kosugi Hospital: 31 Years of Practice	Yukinao Sakai, Yutaka Kadomatsu, Saori Sakai, Tomoyuki Otsuka, Dai Ohno, Tsuneo Murasawa, Naoki Sato, Kyoichi Mizuno···	357
Trial of Labor after Cesarean Delivery as an Independent Risk Factor for Intrapartum Asphyxia in Singleton Deliveries beyond 37 Weeks' Gestation	Mariyo Nakata-Konishi, Hidehiko Miyake, Shunji Suzuki···	362
Susceptibility to Measles, Rubella, Mumps, and Varicella-zoster Viruses among Healthcare Workers	Cenk Aypak, Yasemin Bayram, Hayriye Eren, Adalet Altunsoy, Mustafa Berktaş ···	453
Clinicopathological Features of 30 Autopsy Cases of Pancreatic Carcinoma	Yoko Matsuda, Masahito Hagio, Zenya Naito, Toshiyuki Ishiwata···	459

Case Reports

Two Cases of Flexor Digitorum Profundus Avulsion due to Enchondroma of the Distal Phalanx	Mitsuhiko Nanno, Takuya Sawaizumi, Shinro Takai···	79
Recovery of Normal Hemodynamic Activities after Long-term Medication in a Patient with Left Internal Carotid Arterial Occlusion	Shoko Merrit Yamada, Ryo Kitagawa, Akira Teramoto···	85
Surgical Treatment of a Patient with Diaphragmatic Invasion by a Ruptured Hepatocellular Carcinoma with Biliary and Portal Venous Tumor Thrombi	Hiroshi Maruyama, Hiroshi Yoshida, Atsushi Hirakata, Takeshi Matsutani, Tadashi Yokoyama, Seiji Suzuki, Akira Matsushita, Koji Sasajima, Yuta Kikuchi, Eiji Uchida···	147
Anterior Cerebral Artery Dissection Presenting Subarachnoid Hemorrhage and Cerebral Infarction.....	Kentaro Suzuki, Masahiro Mishina, Seiji Okubo, Arata Abe, Satoshi Suda, Masayuki Ueda, Yasuo Katayama···	153
Acute Aortic Dissection Associated with Cystic Medial Necrosis of Unknown Etiology	Koichi Akutsu, Masashi Kawamoto, Naoki Sato, Takeshi Yamamoto, Koichi Tamura, Kyoichi Mizuno, Keiji Tanaka···	159

Spontaneous Complete Necrosis of Advanced Hepatocellular Carcinoma	Tadashi Yokoyama, Hiroshi Yoshida, Atsushi Hirakata, Hiroshi Makino, Hiroshi Maruyama, Seiji Suzuki, Takeshi Matsutani, Tomohiro Hayakawa, Masaru Hosone, Eiji Uchida···	213
Successful Laparoscopic Pancreaticoduodenectomy for Intraductal Papillary Mucinous Neoplasm: A Case Report and a Reliable Technique for Pancreaticojejunostomy	Yoshiharu Nakamura, Satoshi Matsumoto, Masato Yoshioka, Tetsuya Shimizu, Kazuya Yamahatsu, Eiji Uchida···	218
A Case of Breast Reconstruction with Bilaterally Divided Transverse Rectus Abdominis Musculocutaneous Flaps after Removal of Injected Silicone and Granuloma	Shimpei Ono, Rei Ogawa, Yoshihiro Takami, Hiko Hyakusoku···	223
Infantile Cerebellar Pilocytic Astrocytoma with Autism Spectrum Disorder	Koji Adachi, Yasuo Murai, Akira Teramoto···	228
Fore-lying of the Umbilical Cord after Urination: A Case Report	Atsushi Miura, Toshiyuki Tamura, Shunji Suzuki···	284
A Case of Juvenile Sjögren's Syndrome with Interstitial Nephritis	Toru Igarashi, Yasuhiko Itoh, Akira Shimizu, Tsutomu Igarashi, Kaoru Yoshizaki, Yoshitaka Fukunaga···	286
Congenital Dermoid Cyst at the Anterior Fontanelle: Neuroimaging before and after Fontanelle Closure	Koji Adachi, Naoko Ishii, Hiroshi Takahashi, Akira Teramoto···	291
Ruptured Feeder Aneurysm Associated with Cerebellar Arteriovenous Malformation	Shushi Kominami, Akira Watanabe, Shiro Kobayashi, Akira Teramoto···	296
Subarachnoid Hemorrhage of Unknown Etiology along the Cortical Convexity·····	Yasuo Murai, Shiro Kobayashi, Akira Teramoto···	301
Lipoma of the Finger with Bone Erosion	Yasuyuki Kitagawa, Kensuke Tamai, Yong Kim, Mikihiro Hayashi, Akira Makino, Shinro Takai···	307
A Case of IgG4-related Sclerosing Cholangitis with a Normal Serum IgG4 Level: Report of a Case	Satoshi Mizutani, Hideyuki Suzuki, Hiroshi Yoshida, Yasuo Arima, Yasuhiko Kitayama, Eiji Uchida···	367
Solitary Fibrous Tumor Arising from the Superior Nasal Turbinate: A Case Report	Terumichi Fujikura, Mariko Ishida, Kuon Sekine, Hideharu Aoki, Kimihiro Okubo···	373
Surgical Management of a Deep Femoral Artery Aneurysm	Yuji Maruyama, Masami Ochi, Kazuo Shimizu···	377
Mediastinal Cystic Hemangioma Presenting as Bilateral Bloody Pleural Effusion: A Case Report	Hirotohi Kubokura, Junichi Okamoto, Hideko Hoshina, Hideaki Ishii, Kiyoshi Koizumi, Kazuo Shimizu···	381
Dedifferentiated Liposarcoma Arising from the Mesocolon Ascendens: Report of a Case	Kohki Takeda, Takayuki Aimoto, Masato Yoshioka, Yoshiharu Nakamura, Kazuya Yamahatsu, Toshiyuki Ishiwata, Zenya Naito, Masao Miyashita, Eiji Uchida···	385
Asymptomatic Multiple Splenic Cysts in a Pulmonary Neoplasm Patient	Shi-Min Yuan, Jian-Sheng Lin···	468
A Neonate with Reduced Cytomegalovirus DNA Copy Number and Marked Improvement of Hearing in the Treatment of Congenital Cytomegalovirus Infection	Jun Hayakawa, Yasuhiko Kawakami, Sachiyo Takeda, Hiroshi Ozawa, Ryuji Fukazawa, Masato Takase, Yoshitaka Fukunaga···	471
Chronic Expanding Hematoma Extending over Multiple Gluteal Muscles Associated with Piriformis Syndrome	Yasuyuki Kitagawa, Munehiro Yokoyama, Kensuke Tamai, Shinro Takai···	478
A Case of Recovery of Oral Function with Dental Implants Following Facial Bone Trauma	Hisahiro Kamo···	484
Delayed-type Hypersensitivity in Response to L-asparaginase in a Case of Acute Lymphoblastic Leukemia	Hidehiko Narazaki, Kiyohiko Kaizu, Chiharu Miyatake, Shinya Koizumi, Takeshi Asano, Osamu Fujino···	489

Short Communications

Success Rate of Collagen Gel Droplet-embedded Culture Drug Sensitivity Test in Colorectal Cancer: Are Antibiotics a Prerequisite for Specimen Irrigation ?	Takeshi Yamada, Hayato Kan, Satoshi Matsumoto, Yoshikazu Kanazawa, Michihiro Koizumi, Junpei Sasaki, Aya Tani, Kimiyoshi Yokoi, Eiji Uchida···	163
---	--	-----

Mean Hemoglobin Levels in Venous Blood Samples and Prevalence of Anemia in Japanese Elementary and Junior High School Students	Toru Igarashi, Yasuhiko Itoh, Miho Maeda, Tsutomu Igarashi, Yoshitaka Fukunaga...	232
Lessons Learned from the Japan Earthquake and Tsunami, 2011	Akira Fuse, Hiroyuki Yokota...	312

Letter to the Editor

Mitochondrial DNA alterations in colorectal cancer cell lines		244
Abstracts of the 2010th Alumni Association Memorial Lectures of the 79th Annual Meeting of the Medical Association of Nippon Medical School		98
Abstracts of the 2010th Maruyama Memorial Lectures of the 79th Annual Meeting of the Medical Association of Nippon Medical School		90
Abstracts of the 22nd Nippon Medical School Foundation Academic Meeting for Foreign Researchers		236
Abstracts of Outstanding Presentation of the 80th Annual Meeting of the Medical Association of Nippon Medical School		494
Abstracts of Outstanding Presentation of the 80th Annual Meeting of the Medical Association of Nippon Medical School		496
Abstracts of Outstanding Presentation of the 80th Annual Meeting of the Medical Association of Nippon Medical School		498