Jichi Medical University Journal Vol.29

Contents

Original Articles

Seasonal changes of wild mosquitoes at a northern Kanto area in Japan .............................................................. Hiroyuki Matsuoka .......................... 1

Autoimmune bullous dermatosis presenting with in vivo IgA deposition along dermoe- pidermal junction: Characteristics of the patients treated at the department of dermatology, Jichi Medical University

Tomoko Yamada, Masayuki Suzuki, Hideto Yokokura, Naoko Kawada, Atsuko Sato, Masahiko Oyama, Taketo Hotta, Etsuko Fujita, Kinuyo Kida, Keitaro Usui, Satoru Murata, Maki Kakurai, Tosio Demitsu, Hidemi Nakagawa, Mamitaro Ohtsuki .......................................................... 7

QOL assessment in head and neck malignancies treated with accelerated hyper- fractionation .......................... Chiaki Shibayama, Masanori Nakazawa, Michiko Nakamura

Group of department of radiology nurses .............................................................................................................. 17

The development of a questionnaire measuring behavioral-psychiatric outcome for developmentally handicapped children: The Comprehensive Outcome Questionnaire for Developmental disorders (COQ-D) ........................................................... Hirosato SHIOKAWA .......................................................... 29

Noninvasive positive pressure ventilation (NPPV) for elderly patients after abdominal surgery

Masanobu Hyodo, Shin Ohtsuka, Hideki Sasanuma, Chuji Sekiguchi, Hideo Nagai .................................................. 41

Sivelestat Sodium Hydrate does not Shorten Intensive Care Unit Stay Following Emergent Thoracic Aortic Surgery

Yuichiro Kaminishi, Masanobu Taguchi, Kei Aizawa, Hideki Morita, Atsushi Tateishi, Yasuhide Sakano, Shin-ichi Oki, Tsutomu Saito, Hiroaki Konishi, Masaaki Kawada and Yoshio Misawa ............................................................. 49

Atrial arrhythmia after thoracic aorta surgery

Yasuhide Sakano, Masanobu Taguchi, Kei Aizawa, Yuichiro Kaminishi, Shin-ichi Oki, Tsutomu Saito, Hiroaki Konishi, Yoshio Misawa .......................................................... 55

Tension-free vaginal tape procedure for the treatment of stress urinary incontinence

Yasuhiro Sugaya, Fumihito Terauchi, Akinori Nukui, Shinsuke Kurokawa, Kazumi Suzuki, Masanori Ochi, Tatsuo Morita .......................................................... 61

A clinical study on patients with prostate cancer who underwent radical prostatectomy at the Department of Urology, Jichi Medical University.

Kazumi Suzuki, Akinori Nukui, Tatsuo Morita .......................................................... 67

Compliance and therapeutic effects of wearing prismatic spectacles for infantile esotropia

Shinji Makino, Rieko Kinouchi, Kozue Hozawa, Reiko Kondo, Tomoko Kawasaki, Atsuko Sakanaiwa, Hanae Sugiyama, Rie Hrabayashi, Hiroko Yamamoto .......................................................... 73

Performance of Activities of Jichi Medical University Graduates Practicing in Rural areas and on isolated islands

Hideaki Imamichi, Masayuki Suzukiwa .......................................................... 79

Improvement of dairy cattle reproductive efficiency in Indonesia

Hozumi Tanaka, Elizabeth Sanjaya, Tuty Sudartafi, Ida Royani, Herliantien, Enniek Heriwiyanti, Oloan Parhindungan .......................................................... 93
Clinical significance of flow cytometric evaluation of bone marrow involvement in B-cell lymphoma
Chizuru Kawano-Yamamoto, Kazuo Muroi, Tohru Izumi, Kazuya Sato, Masuzu Ueda, Tomohiro Matsuyama, Ken Ohmine, Masaki Toshima, Katsutoshi Ozaki, Masaaki Takatoku, Masaki Mori, Tadashi Nagai, Keiya Ozawa... 105

Fasting plasma glucose and its relationship to future diabetes mellitus and white blood cell count: a longitudinal study in a rural Japanese population
Masatoshi Matsumoto, Kazuo Inoue, Eiji Kajii... 115

An Improved Method for Determining Serum Isoflavones by HPLC with Coulometric Array Using Bisphenol A as an Internal Standard
Jianhong ZHAO, Hiroko OTSUKA, Yukitomo AR Ao, Suju SUN, Koji YAMADA, Fuji Y KAYAMA... 125

Sevoflurane improves contractile function in stunned myocardium through KATP channels in dogs
Masato SEKIGUCHI, Satoshi AKAZAWA, Yasushi NAKAI GAWA, Souichirou INU OE, Masaaki SATHO, Hidefumi HAGIWARA, Shigeo IKENO, Ryousuke ISHII, Norimasa SEO... 137

Usefulness of a blood pressure notebook
Kazuhiro Murata, Chieko Nagaoka, Kayoko Kunimitsu, Keiko Nagaoka... 147

Analysis of Dermatophyte Flora for 5 years at Jichi Medical University Omiya Medical Center in Saitama and Identification of Atypical Dermatophytes using Molecular Biological Technique (PCR-RFLP analysis)
Naoka Umamoto, Maki Kakurai, Hideto Yokokura, Sunao Toda, Masumi Osawa, Hiroyuki Abe, Yuichi Hirotsuka, Eiko Okada, Ryuichi Azuma, Yuka Wada, Mutsumu Hayashi, Takashi Mochizuki, Toshio Demitsu... 155

Case Reports

Deep vein thrombosis in inpatients
Yasuyuki Kamata, Masahiro Iwamoto, Youko Aoki, Takao Nagashima, Hiroyuki Nara, Takeshi Kamimura, Taku Yoshio, Hitoaki Okazaki, Seiji Minota... 163

A case of lymphangiomatosis of the mediastinum, pleura and retroperitoneum with severe intestinal bleeding for a long period
Manabu Motomura, Shinichiro Koyama, Toshihiro Onaka, Ryoo Okano, Junji Nishida, Takashi Hyoudou, Shigeki Yamada... 169

Lympho-myeloproliferative disorder without 8p11 chromosomal abnormality
Takahiro Nagashima, Tadashi Nagai, Kazuya Sato, Takuji Miyoshi, Kazuo Muroi, and Keiya Ozawa... 175

Pituitary apoplexy associated with Rathke’s cleft cyst: A report of two cases
Hisashi Suzuki, Gen Kusaka, Yoshio Omori, Soji Shinoda... 181

Bacterial panperitonitis caused by Neisseria gonorrhoeae
Yosuke Baba, Shigeki Matsubara, Tetsuo Tsunoda, Megumi Kondo, Shizuo Machida, Mitsuaki Suzuki... 187

Successful EUS-guided drainage of a pancreatic pseudocyst complicated by obstructive jaundice
Hiroyuki Miyatani, Yukio Yoshida, Shinya Ushimaru, Yasutaka Kudo, Hideaki Honda, Junko Murayama, Yukihsa Sawada, Yoshiyuki Nakashima, Takuhiko Ugajin, Kaori Ochiai, Noriyoshi Sagihara, Ikuo Nakamura... 193
A case of colorectal fistula associated with diverticulitis of the sigmoid colon
--------------------------------------------Osamu Sekine, Hiroshi Yamamoto, Kouichi Shinohara... 201

Gracilis muscle repair of rectovaginal fistula that developed after low anterior resection
of the rectum. Report of two cases.
Shinichiro OKADA, Yutaka KAWAMURA, Shinichi HIRABAYASHI, Fumio KONISHI... 209

Idiopathic hemorrhage from appendix
----------------------------------------Maoko Ogi, Yutaka J. Kawamura, Fumio Konishi
                                      Hiroyuki Miyatani, Sigeaki Yamada... 217

Research Reports

Importance of Water Intake during Athletic Exercise in a Hot Climate
---------------------------------------------------------------------Yoshihiro ITAI... 223

Application of stainless clip to the closure of graft conduit from right axillary artery
--------------------------------------------------------------------------T. Saito, M. Taguchi, K. Aizawa, H. Morita, A. Tateishi, Y. Sakano,
                                      Y. Kaminishi, S. Oki, H. Konishi, M. Kawada, Y. Misawa... 229

Relationship between dietary habits, nutrition and mental health among junior high
school students ..........................Junko Takano, Dai Akine, Satoshi Sasaki, Fujio Kayama... 233

The Effect of Heavy Net Sulfur Air Pollution on Healthy Japanese Workers: The
Relationship of Lung Function to Long-term Exposure to Sulfur Volcanic Emissions on
Miyake Island. .............................Hideyuki UNO, Hyogo HORIGUCHI and Fujio KAYAMA... 243