

# JAPANESE JOURNAL OF CLINICAL ONCOLOGY

Vol. 37 No. 8

August 2007

## CONTENTS

### Original Articles

**559 Influence of Delayed Tumor Clearance on Reliability of Complete Response Rate in Chemoradiotherapy for Head and Neck Cancer**

*Mitsuhiko Kawashima, Hirofumi Fujii, Ryuichi Hayashi, Makoto Tahara, Katsuhiko Nasu, Satoko Arahira and Takashi Ogino*

The complete response rate at 6 months was a better surrogate end point than those at 4 weeks or 3 months in this series of patients.

**568 Alcohol Drinking and Breast Cancer Risk: An Evaluation Based on a Systematic Review of Epidemiologic Evidence among the Japanese Population**

*Chisato Nagata, Tetsuya Mizoue, Keitaro Tanaka, Ichiro Tsuji, Kenji Wakai, Manami Inoue and Shoichiro Tsugane for the Research Group for the Development and Evaluation of Cancer Prevention Strategies in Japan*

It is concluded that epidemiologic evidence on the association between alcohol drinking and breast cancer risk remains insufficient in terms of both the number and methodological quality of studies among the Japanese population.

**575 Prognostic Significance of Insulin-like Growth Factor Binding Protein (IGFBP)-4 and IGFBP-5 Expression in Breast Cancer**

*Keiko Mita, Zhenhuan Zhang, Yoshiaki Ando, Tatsuya Toyama, Maho Hamaguchi, Shunzo Kobayashi, Shin-ichi Hayashi, Yoshitaka Fujii, Hirotaka Iwase and Hiroko Yamashita*

Insulin-like growth factor binding protein (IGFBP)-4 was an independent prognostic factor in breast cancer. Patients with estrogen receptor-positive breast cancer whose tumor expressed higher levels of IGFBP-4 and lower levels of IGFBP-5 had a better prognosis.

**583 Evaluation of Prognostic Factors of Esophageal Squamous Cell Carcinoma (Stage II–III) After Concurrent Chemoradiotherapy using Biopsy Specimens**

*Takayuki Kii, Hiroya Takiuchi, Shinichiro Kawabe, Masahiro Gotoh, Shunsuke Ohta, Toshimitsu Tanaka, Shin Kuwakado, Hitoshi Nishitani and Ken-ichi Katsu*

PCNA overexpression is considered to be a possible prognostic factor of esophageal squamous cell carcinoma (stage II-III) after definitive chemoradiotherapy.

**590 Neoadjuvant, Surgery and Adjuvant Chemotherapy without Radiation for Esophageal Cancer**

*Bach Ardalan, Seth A. Spector, Alan S. Livingstone, Dido Franceschi, Dmitry Mezentsev, Mayra Lima, Carol P. Bowen-Wells, Lynne Sparling, Eli Avisar, Michelle Sapp, Joyce Rios, Gail Walker and Parvin Ganjei-Azar*

Deletion of radiation therapy in the overall treatment of patients with T3N1 esophageal adenocarcinoma did not increase the incidence of local recurrence. More chemotherapy was offered before and after surgery.

**597 Colorectal Polypectomy and Risk of Colorectal Cancer by Subsite: The Fukuoka Colorectal Cancer Study**

*Daigo Yoshida, Suminori Kono, Malcolm A. Moore, Kengo Toyomura, Jun Nagano, Tetsuya Mizoue, Ryuichi Mibu, Masao Tanaka, Yoshihiro Kakeji, Yoshihiko Maehara, Takeshi Okamura, Koji Ikejiri, Kitaroh Futami, Yohichi Yasunami, Takafumi Maekawa, Kenji Takenaka, Hitoshi Ichimiya and Nobutoshi Imaizumi*

A case-control study in Japan showed a substantial decrease in the risk of rectal cancer, and possibly of distal colon cancer, in relation to a history of colorectal polypectomy.

- 603 Three-weekly Docetaxel with Prednisone is Feasible for Japanese Patients with Hormone-refractory Prostate Cancer: A Retrospective Comparative Study with Weekly Docetaxel Alone**  
*Toru Shimazui, Koji Kawai, Naoto Miyanaga, Takahiro Kojima, Noritoshi Sekido, Shiro Hinotsu, Takehiro Oikawa, Akira Joraku and Hideyuki Akaza*  
Administration of docetaxel every 3 weeks plus prednisolone daily was associated with a favorable outcome with a high rate of prostate-specific antigen reduction and an acceptable number of adverse events in Japanese patients with hormone-refractory prostate cancer.
- 609 The Prolonged Activated Partial Thromboplastin Time at Diagnosis Indicates Less Favorable Prognosis in IgA Myeloma**  
*Hao-Wei Teng, Po-Min Chen, Ya-Hsu Yang and Jyh-Pyng Gau*  
The coagulopathy in myeloma depended on the intact paraprotein. The prolonged activated partial thromboplastin time with or without prolonged prothrombin time at diagnosis was a poor prognostic factor in the IgA myeloma.
- 615 Inter-observer Variations in FDG-PET Interpretation for Cancer Screening**  
*Akiko Suzuki, Yuji Nakamoto, Takashi Terauchi, Masami Kawamoto, Yoshihiro Okumura, Yutaka Suzuki, Toshihiko Sato, Nobukazu Takahashi, Jin Lee, Michio Senda, Kimiichi Uno and Tomio Inoue*  
We provided statistical evidence of reproducibility in the interpretation of FDG-PET for cancer screening. In order to decrease the inter-observer variability among observers for assessment of physiological FDG uptakes, universal reporting criteria in FDG-PET are needed.
- 623 Current Status of the Infrastructure and Characteristics of Radiation Oncology in Korea**  
*Seung Jae Huh on behalf of the Korean Society of Therapeutic Radiology and Oncology (KOSTRO)*  
An analysis of radiotherapy infrastructure in Korea was performed in 2006. Sixty-one facilities delivered radiation therapy with 104 megavoltage devices for 28 789 new radiotherapy patients with 132 radiation oncologists. There is a shortage of human resources and inadequate megavoltage units.

#### Case Report

- 628 Metastatic Esophageal Tumor from Cecal Carcinoma**  
*Hideo Kagaya, Joji Kitayama, Akio Hidemura, Shoichi Kaisaki, Hironori Ishigami, Junko Takei, Takamitsu Kanazawa and Hirokazu Nagawa*  
This case suggests that a surgical approach can be considered as a therapeutic method for metastatic esophageal tumor, even in patients with advanced cancer, as long as the primary tumor is satisfactorily controlled.

#### Epidemiology Report

- 632 Hepatitis G Virus Infection in Patients with Hepatocellular Carcinoma in Recife, Brazil**  
*Gustavo Carneiro Leão-Filho, Edmundo P. A. Lopes, Álvaro Antônio B. Ferraz, Izolda Moura, J. Ricardo Pernambuco, Cynthia Reis, Antônio Eduardo B. Silva and Maria Lucia G. Ferraz*  
The findings suggest that, despite the frequent detection of hepatitis virus G markers in patients with hepatocellular carcinoma, isolated infection with this agent does not seem to be a relevant factor in the etiology of this carcinoma.

- 637 Image of the Month and Cancer Statistics Digest**

#### Instructions to Authors

#### Contents of the Journal of the National Cancer Institute