KOKYU TO JUNKAN
(Respiration and Circulation)

Vol. 64
No. 12
December 2016

Advisory Editors
Takashi Horie, Toru Izumi, Michiaki Mishima, Ryozo Nagai, Yasuyo Ohta,
Satoshi Ogawa, Kunio Suwa

Editors
Keiichi Fukuda, Shu Hashimoto, Atsushi Hirayama, Issei Komuro, Koichiro Tatsumi

Associate Editors
Makoto Akaishi, Motoki Ohe, Masafumi Kitakaze, Shinichiro Koyama,
Kiyoshi Nakazawa

CONTENTS

Special Issue: Current Issues Surrounding the Patient with Respiratory Failure
Respiratory Failure, the threat facing mankind—We challenge with Science and Unity—

Naohiko Chohnabayashi 1140

Pneumococcal Vaccines as a Preventive Strategy against Pneumonia in Elderly People in Japan

Kazuhito Tateda 1152

NPPV (noninvasive positive pressure ventilation) for Acute Respiratory Failure

Kazuma Nagata 1159

High-Flow Nasal Cannula Oxygen Therapy in Acute Respiratory Failure

Toshihi Yokoyama, Shunsaku Hayai 1167

Respiratory Care and Control by the ASV

Takatoshi Kasai 1173

The Utilization and Point to Keep in Mind of the Pulse Oximeter in the Patient with Respiratory Failure

Toshio Ichiwata 1180

Striving for Pulmonary Rehabilitation to Become a Widespread Therapy

Hajime Kurosawa 1189

Present and Future of Inspiratory Muscle Training—With Respect to Scientific Evidence

Takanobu Shioya 1193

Revised Criteria for Disability in Respiratory Function and Future Problems

Hidetoshi Nakamura, Minoru Kanazawa 1202

Dr. Nagasaka's Respiratory Care Approach with Physical Examination

Yukio Nagasaka 1207

Fellows Case Conference in Nontuberculous Mycobacteria

Ho Namkoong, et al 1214

Current Opinion

Current Status and Future Perspective of Biologics in Asthma Treatment

Hiroyuki Nagase 1218

Management of Elderly Patients with Lung Cancer

Hiromitsu Ohta, Shinichiro Koyama 1226

Genetic Testing of Sudden Cardiac Death

Hiroshige Murata, Wataru Shimizu 1233

IGAKU-SHOIN Ltd. 1-28-23 Hongo, Bunkyo-ku, Tokyo 113-8719, Japan