

KOKYU TO JUNKAN

(Respiration and Circulation)

Vol. 61

No. 12

December 2013

Advisory Editors

Takashi Horie, Toru Izumi, Ryoza Nagai, Yasuyo Ohta, Satoshi Ogawa, Kunio Suwa
Editors

Keiichi Fukuda, Shu Hashimoto, Atsushi Hirayama, Issei Komuro,
Michiaki Mishima, Koichiro Tatsumi

Associate Editors

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

CONTENTS

Foreword *Tohru Minamino*...1089

Special Issue : Multidisciplinary Approach to Pulmonary Hypertension

Clinical Classification of Pulmonary Hypertension, Nice 2013 *Norifumi Nakanishi*...1091

Pathogenesis in Pulmonary Hypertension *Kohtaro Abe, et al*...1097

Pulmonary Veno-Occlusive Disease, PVOD *Hatsue Ishibashi-Ueda*...1104

Pulmonary Hypertension due to Lung Diseases *Ichizo Tsujino*...1110

Pulmonary Hypertension Associated with Connective Tissue Diseases *Masataka Kuwana*...1117

Portopulmonary Hypertension ; POPH *Mai Kimura, Yuichi Tamura*...1123

Pulmonary Hypertension Related to Congenital Heart Disease with Left-to-Right Shunt
..... *Atsushi Yao*...1128

Pulmonary Hypertension owing to Left Heart Disease *Shunsuke Tatebe, Yoshihiro Fukumoto*...1136

Balloon Pulmonary Angioplasty for Patients
with Chronic Thromboembolic Pulmonary Hypertension *Shun Minatsuki, et al*...1141

Review

Lung Injury and Repair *Yasuhiko Nishioka, Hisatsugu Goto*...1146

Current Opinion

Present Circumstances on Novel Agents for Treatment of Stable COPD

—Clinical Significance of Ultra-long Acting β_2 Agonists,

Long-acting Muscarinic Antagonists, and their Combinations *Kazuhiro Yamaguchi*...1152

Takotsubo Cardiomyopathy *Tsutomu Yoshikawa*...1160

Original Article

Prognostic Factors and Estimation of Severity of

Nursing-Healthcare Associated Pneumonia *Yoshihiro Suido, et al*...1166

Case Reports

A Case of the Severe Tricuspid Regurgitation Showing

the Hemodynamics Resembling Constrictive Pericarditis *Rie Kosugi, et al*...1171