

KOKYU TO JUNKAN

(Respiration and Circulation)

Vol. 63
No. 5
May 2015

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 *Masafumi Yano*...401

Special Issue : Management of Cardiac Implantable Electric Device Complications

Management of Cardiac Implantable Electric Device Complications *Morio Shoda*...403

Complications during/after De Novo CIED Implantation *Katsuhiko Imai*...405

The Complication Related to the Exchange of Implantable Cardiac Electrical Devices
..... *Toshiaki Sato, Kyoko Soejima*...413

Diagnosis and Treatment of Cardiac Rhythm Device Infection..... *Masahiko Goya*...417

ICD Trouble Shooting—New Challenges to Reduce ICD Shock Therapy :

Appropriate Programming based on the Large Clinical Trials and Analysis of Stored Data
..... *Takashi Kurita*...425

The Way to Avoid CRT Non-responders *Takashi Noda*...433

Current Status and Correspondence in Device Recall..... *Nobuhiro Nishii*...439

Detection, Risk Factors and Management of the Patient with Lead Failure
..... *Nobuhiro Nishiyama, Seiji Takatsuki*...447

Problems of Cardiac Implantable Devices in Pediatric and Congenital Heart Disease Patients
..... *Jun Yoshimoto*...458

Unusual Complication after Cardiac Implantable Electronic Device Implantation ;
Twiddler's Syndrome, Reel Syndrome, Ratchet Syndrome *Koichiro Ejima*...463

Review

New Current of Non-invasive Positive Pressure Ventilation—iVAPS Mode—
..... *Kazuhiko Fujii, Hirotsugu Kohrogi*...469

Novel Therapeutic Targets for the Treatment of Dyslipidemia *Masatsune Ogura, Mariko Shiba*...477

Bedside Teaching

New Device for the Diagnosis of Coronary Atherosclerosis
—Near-infrared Spectroscopy (NIRS)—..... *Koshi Matsuo, Yasunori Ueda*...486

Current Opinion

Prevention of Ventilator-associated Pneumonia..... *Nobuaki Shime, Koji Hosokawa*...491

Case Reports

A Surgical Case of Popliteal Venous Aneurysm with Pulmonary Embolism *Takuya Maeda, et al*...496