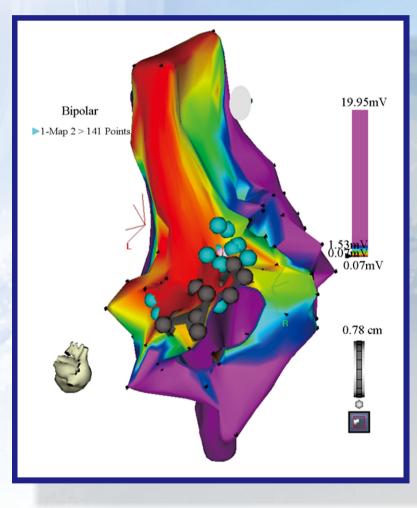
ISSN: 2157-9407 Vol. 4, No. 12, December 2013



Surgical Science





www.scirp.org/journal/ss

Journal Editorial Board

ISSN: 2157-9407 (Print) ISSN: 2157-9415 (Online) http://www.scirp.org/journal/ss

.....

Editor-in-Chief

Prof. Vahit Ozmen Istanbul University, Turkey

Executive Editor-in-Chief

Dr. Bulang Gao	Shanghai Jiao Tong University, China

Editorial Board

Dr. Mary Sue Brady	Weill Cornell Medical College, USA	
Dr. Steven C. Cunningham	Saint Agnes Hospital, USA	
Prof. Paul Di Cesare	University of California, Davis, USA	
Dr. Stavros Dimopoulos	National & Kapodestrian University of Athens, Greece	
Prof. Ahmed F. I. El Fouhil	King Saud University, Egypt	
Prof. Thomas Joseph Fahey	Cornell University Medical College, USA	
Dr. Zhiwei Huang	National University of Singapore, Singapore	
Dr. Hirohiko Kakizaki	Aichi Medical University, Japan	
Prof. Ameen S. Khraisat	University of Jordan, Jordan	
Prof. Tatsuya Kin	University of Alberta, Canada	
Dr. Ian K. Komenaka	Maricopa Medical Center, USA	
Dr. Kamil Kuka	University of Defense, Czech Republic	
Prof. Chih-Lung Lin	Kaohsiung Medical University Hospital, Chinese Taipei	
Prof. Igor V. Mayborodin	Siberian Branch of Russian Academy of Sciences, Russia	
Dr. Tatsuya Mimura	Tokyo Women's Medical University Medical Center East, Japan	
Dr. Arash Momeni	Stanford University Medical Center, USA	
Dr. Liancai Mu	Hackensack University Medical Center, USA	
Dr. Wei-Yi Ong	National University of Singapore, Singapore	
Prof. Beniamino Palmieri	University of Modena, Italy	
Prof. Stephen M. Pastores	Cornell University, USA	
Dr. Alejandro R. Rodriguez	University of South Florida, USA	
Dr. Hiroyuki Tadokoro	Asakadai Central Hospital, Japan	
Prof. Song Wan	The Chinese University of Hong Kong, China	
Prof. Eric A. Wiebke	Indiana University, USA	
Dr. John P. Williams	University of Pittsburgh, USA	
Dr. Sam M. Wiseman	University of British Columbia, Canada	
Dr. Peter C. Wu	University of Washington, USA	



TABLE OF CONTENTS

Volume 4	Number 12	December 2013
Traumatic Sp	plenic Injuries in Khartoum, Sudan	
I. O. Ibrahim,	, A. A. Hamza, M. E. Ahmed	
Comparison of	of Double-Incision Laparoscopic Cholecystectomy and Needlescop	ic Cholecystectomy
K. Ko, S. Yan	mada, K. Hayashi, A. Tsunoda, H. Kusanagi, N. Kano	
•	rtery Bypass Surgery for Patients with Severe Cerebrovascular Ath of Preoperative Assessment and Perioperative Management	nerosclerosis:
H. Imura, D. I	Nishina, Y. Maruyama, M. Shirakawa, M. Tanoue, D. Suzuki, T. Yoshio, M. Och	i535
Electro-Anato Ventricular A	tomical Approach to Membranous Septal Aneurysm: Potential as a Arrhythmias	Focus of Critical
H. Imura, H.	Murata, M. Ochi	
Complication and Sleeve Ga	ns, Mineral and Vitamin Deficiencies: Comparison between Roux-6 Fastrectomy	en-Y Gastric Bypass
N. Sauer, J. W	Wienecke, C. S. zur Wiesfch, S. Wolter, O. Mann, J. Aberle	
Laparoscopic Using Glubra	c Inguinal Hernia Repair with Closure of Hernial Defect and Centr an 2	ral Mesh Fixation
A. E. Lasheen	n, A. M. Tolba, H. Mohamed, H. Mohammed, N. A. Smaeil	

The figure on the front cover is from the article published in Surgical Science, 2013, Vol. 4, No. 12, pp. 543-546 by Hajime Imura, Hiroshige Murata and Masami Ochi.

Surgical Science (SS)

Journal Information

SUBSCRIPTIONS

The *Surgical Science* (Online at Scientific Research Publishing, www.SciRP.org) is published monthly by Scientific Research Publishing, Inc., USA.

Subscription rates:

Print: \$79 per issue. To subscribe, please contact Journals Subscriptions Department, E-mail: sub@scirp.org

SERVICES

Advertisements Advertisement Sales Department, E-mail: service@scirp.org

Reprints (minimum quantity 100 copies) Reprints Co-ordinator, Scientific Research Publishing, Inc., USA. E-mail: sub@scirp.org

COPYRIGHT

Copyright©2013 Scientific Research Publishing, Inc.

All Rights Reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, scanning or otherwise, except as described below, without the permission in writing of the Publisher.

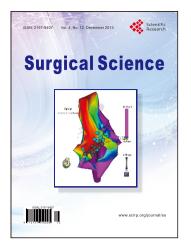
Copying of articles is not permitted except for personal and internal use, to the extent permitted by national copyright law, or under the terms of a license issued by the national Reproduction Rights Organization.

Requests for permission for other kinds of copying, such as copying for general distribution, for advertising or promotional purposes, for creating new collective works or for resale, and other enquiries should be addressed to the Publisher.

Statements and opinions expressed in the articles and communications are those of the individual contributors and not the statements and opinion of Scientific Research Publishing, Inc. We assumes no responsibility or liability for any damage or injury to persons or property arising out of the use of any materials, instructions, methods or ideas contained herein. We expressly disclaim any implied warranties of merchantability or fitness for a particular purpose. If expert assistance is required, the services of a competent professional person should be sought.

PRODUCTION INFORMATION

For manuscripts that have been accepted for publication, please contact: E-mail: ss@scirp.org



Surgical Science

ISSN: 2157-9407 (Print) ISSN: 2157-9415 (Online)

http://www.scirp.org/journal/ss

Surgical Science (SS) is a peer reviewed international journal dedicated to the latest advancement of surgery. The goal of this journal is to keep a record of the state-of-the-art research and to promote study, research and improvement within its various specialties.

Subject Coverage

The journal publishes original papers including but not limited to the following fields:

- Cardiothoracic Surgery
- Cases from Practice
- Clinical Surgery
- Colorectal Surgery
- Endocrine Surgery
- ENT Surgery
- Experimental Surgery
- General Surgery
- GI Surgery
- Gynecology
- Minimal Invasive Surgery
- Neurosurgery
- We are also interested in short papers (letters) that clearly address a specific problem, and short survey or position papers that sketch the results or problems on a specific topic. Authors of selected short papers would be invited to write a regular paper on the same topic for future issues of the **SS**.

Notes for Intending Authors

All manuscripts submitted to SS must be previously unpublished and may not be considered for publication elsewhere at any time during SS's review period. Paper submission will be handled electronically through the website. All papers are refereed through a peer review process. Additionally, accepted ones will immediately appear online followed by printed in hard copy. For more details about the submissions, please access the website.

Website and E-mail

http://www.scirp.org/journal/ss

Email: ss@scirp.org

- Obstetrics
- Ophthalmological Surgery
- Orthopedic Surgery
- Pediatric Surgery
- Plastic Surgery
- Reconstitutional Stomatology
- Rural Surgery
- Surgical Education
- Surgical Oncology
- Urosurgery
- Vascular Surgery