Pancreas

JOURNAL OF NEUROENDOCRINE TUMORS AND PANCREATIC DISEASES AND SCIENCES Volume 48

Number 9

October 2019

SDC Supplemental digital content is available in the article

SIDE BEINDSTEIN BERNTRE BERNTRE

OPEN denotes Open Access article

denotes online only article

Contents

Reviews

- 1111 OPEN Current Practices and Novel Techniques in the Diagnosis and Management of Neuroendocrine Tumors of Unknown Primary

 Andrew E. Hendifar, MD, Robert A. Ramirez, DO, FACP, Lowell B. Anthony, MD, FACP, and Eric Liu, MD, FACS
- 1119 Vasoactive Intestinal Peptide-Secreting Tumors: A Review Pradeep Kumar Siddappa, MD and Santhi Swaroop Vege, MD

Original Articles

- 1126 SDC Analysis of Real-World Treatment Patterns, Healthcare Resource Utilization, and Costs Between Octreotide and Lanreotide Among Patients With Neuroendocrine Tumors

 Lynn Huynh, MPH, MBA, DrPH, Beilei Cai, PhD, Mu Cheng, MPH, Angie Lax, MPH, Dominique Lejeune, MSc, Mei S. Duh, MPH, ScD, and Michelle K. Kim, MD, PhD
- 1136 Acupuncture for Acute Pancreatitis: A Systematic Review and Meta-analysis

 Kai Zhang, MD, Chao Gao, MD, Chengyu Li, MD, Yan Li, MD, Shenjun Wang, MD, Qilin Tang, MD,

 Chen Zhao, PhD, and Jingbo Zhai, PhD
- 1148 Parecoxib Improves the Outcomes of Acute Mild and Moderate Pancreatitis: A 3-Year Matched Cohort Study Based on a Prospective Database

 Jie-hui Tan, MD, Lei Zhou, MD, He-ping Kan, MD, and Guo-wei Zhang, MD, PhD

(continued next page)

Pancreas (ISSN 0885-3177) is published ten times a year in one volume in January, February, March, April, May, July, August, September, October, and November by Wolters Kluwer Health, Inc. at 14700 Citicorp Drive, Bldg 3, Hagerstown, MD 21742. Business offices are located at Two Commerce Square, 2001 Market Street, Philadelphia, PA 19103. Copyright © 2019 Wolters Kluwer Health, Inc. All rights reserved.

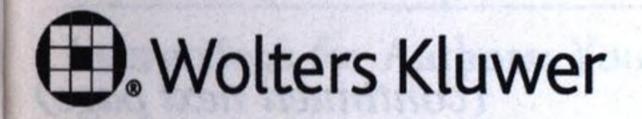
Annual subscription rates: United States—\$1743 Individual, \$5374 Institution, \$814 In-training. Rest of World—\$1913 Individual, \$5530 Institution, \$814 In-training. Single copy rate \$479. All prices include a handling charge. Subscriptions outside of North America must add \$20 for airfreight delivery. United States residents of AL, CO, DC, FL, GA, HI, IA, ID, IN, KS, KY, LA, MD, MO, ND, NM, NV, PR, RI, SC, SD, UT, VT, WA, WV add state sales tax. The GST tax of 7% must be added to all orders shipped to Canada (Wolters Kluwer Health, Inc. GST Identification #895524239, Publications Mail Agreement #40052291). Subscription prices outside the United States must be prepaid. Prices subject to change without notice. Visit us online at www.lww.com.

Please indicate in-training status and name of institution. Institutional rates apply to libraries, hospitals, corporations, and partnerships of three or more individuals. Prices subject to change without notice. Subscriptions will begin with currently available issue unless otherwise requested. Copies will be replaced without charge if the publisher receives a request within 90 days of the mailing date.

Individual and in-training subscription rates include print and access to the online version. Institutional rates are for print only; online subscriptions are available via Ovid. Institutions can choose to purchase a print and online subscription together for a discounted rate. Institutions that wish to purchase a print subscription, please contact Wolters Kluwer Health, Inc. at 14700 Citicorp Drive, Bldg 3, Hagerstown, MD 21742; phone 800-638-3030 (outside the United States 301-223-2300); fax 301-223-2400. Institutions that wish to purchase an online subscription or online with print, please contact the Ovid Regional Sales Office near you or visit www.ovid.com/site/index.jsp and select Contact and Locations.

Website: www.pancreasjournal.com

Postmaster: Send address changes to Pancreas, PO Box 1610, Hagerstown, MD 21740.



Contents (continued)

- 1155 Secondhand Smoke Exposure and Serum Trypsinogen in Cystic Fibrosis Carriers

 Kate M. Ellery, DO, MS, Benjamin Kopp, MD, MPH, Darwin L. Conwell, MD, MS, and Cheryl Gariepy, MD
- 1160 Risk Factors Associated With Progression Toward Endocrine Insufficiency in Chronic Pancreatitis

 Barite W. Gutama, BA, Yi Yang, MS, MSW, Gregory J. Beilman, MD, Martin L. Freeman, MD, Varvara A. Kirchner, MD,

 Timothy L. Pruett, MD, Srinath Chinnakotla, MD, Elissa M. Downs, MD, MPH, Guru Trikudanathan, MD,

 Sarah J. Schwarzenberg, MD, James S. Hodges, PhD, and Melena D. Bellin, MD
- What is the Outcome of Patients Affected by Intraductal Papillary Mucinous Neoplasms Without High-Risk Stigmata?: A Single-Center Retrospective Study Claudio Ricci, MD, Carlo Ingaldi, MD, Marina Migliori, MD, Nico Pagano, MD, Donatella Santini, MD, Laura Alberici, MD, Carla Serra, MD, Lucia Calculli, MD, Mariacristina Di Marco, MD, Francesco Minni, PhD, and Riccardo Casadei, PhD
- 1175 Lowest Case Fatality Rate for Patients With Acute Pancreatitis Admitted in Gastroenterology Units in Veneto Region, Italy

 Lucas Giovanni Cavallaro, MD, PhD, Bastianello Germanà, MD, Marino Venerito, MD, PhD, Luca Frulloni, MD, PhD,

 Fabio Farinati, MD, Armando Gabbrielli, MD, and Mario Saia, MD
- 1182 Long-Term Functional Outcome After Pancreatoduodenectomy for Periampullary Carcinoma With Morphological Correlation

 Sundeep Singh Saluja, MCh, Shashi Kiran, MS, Pramod Kumar Mishra, PhD, Dinesh Ramaswamy, MCh, Vaibhav Kumar Varshney, MCh, MRCS, Satyajit Godhi, MCh, and Kshitij Sisodia, MCh
- Is Centralization Needed for Patients Undergoing Distal Pancreatectomy?: A Nationwide Study of 3314 Patients Edouard Roussel, MD, Guillaume Clément, MD, Xavier Lenne, MSC, François-René Pruvot, MD, PhD, Lilian Schwarz, MD, PhD, Didier Theis, MD, Stéphanie Truant, MD, PhD, and Mehdi El Amrani, MD
- 1195 SDC OPEN Relationship Between Radiomics and Risk of Lymph Node Metastasis in Pancreatic Ductal Adenocarcinoma

 Yun Bian, MD, PhD, Shiwei Guo, MD, PhD, Hui Jiang, MD, PhD, Suizhi Gao, MMS, Chenwei Shao, MD, PhD, Kai Cao, MD, PhD, Xu Fang, MMS, Jing Li, MD, PhD, Li Wang, MD, PhD, Wenda Hua, MMS, Jianming Zheng, MD, PhD, Gang Jin, MD, PhD, and Jianping Lu, MD, PhD
- Pancreatectomy Alone and Total Pancreatectomy With Islet Autotransplantation in Patients With Pancreatitis in the United States

 Luis F. Lara, MD, Melena D. Bellin, MD, Emmanuel Ugbarugba, MD, Jaimie D. Nathan, MD, Piotr Witkowski, MD, PhD, Martin Wijkstrom, MD, Jennifer L. Steel, PhD, Kerrington D. Smith, MD, Vikesh K. Singh, MD, MSc, Sarah J. Schwarzenberg, MD, Timothy L. Pruett, MD, Bashoo Naziruddin, PhD, Leslie Long-Simpson, BS, Varvara A. Kirchner, MD, Timothy B. Gardner, MD, Martin L. Freeman, MD, Ty B. Dunn, MD, Srinath Chinnakotla, MD, Gregory J. Beilman, MD, David B. Adams, MD, Katherine A. Morgan, MD, Maisam A. Abu-El-Haija, MD, Syed Ahmad, MD, Andrew M. Posselt, MD, PhD, Michael G. Hughes, MD, and Darwin L. Conwell, MD, MS
- 1212 SDC Predrainage and Postdrainage Prognostic Nomograms to Predict Outcome of Percutaneous Drainage for Infected Pancreatic and Peripancreatic Necrotic Collections

 Rajesh Gupta, MCh, Aditya A. Kulkarni, MCh, Raghavendra Babu, MCh, Sunil Shenvi, MCh, Rahul Gupta, MCh, Gopal Sharma, MS, Mandeep Kang, MD, Vishal Sharma, DM, Harjeet Singh, MCh, Praveen Kumar-M, MD, and Surinder Rana, DM
- The Prevalence of Nonalcoholic Fatty Pancreas by Endoscopic Ultrasonography Rasoul Sotoudehmanesh, MD, Afshin Tahmasbi, MD, Ahmad Sadeghi, MD, Hamed Hosseini, MD, and Mehdi Mohamadnejad, MD
- 1225 SDC Biphenotypic Differentiation of Pancreatic Cancer in 3-Dimensional Culture

 Yoshihisa Matsushita, PhD, Barbara Smith, MS, Michael Delannoy, MS, Maria A. Trujillo, BS, Peter Chianchiano, BS, Ross McMillan, BS, Hirohiko Kamiyama, MD, PhD, Hong Liang, BS, Elizabeth D. Thompson, MD, PhD,

 Ralph H. Hruban, MD, William Matsui, MD, Laura D. Wood, MD, PhD, Nicholas J. Roberts, DVM, PhD, and James R. Eshleman, MD, PhD

Contents (continued)

Case Report

1232 OPEN Combined Antiangiogenic Therapy and Immunotherapy Is Effective for Pancreatic Cancer With Mismatch Repair Proficiency but High Tumor Mutation Burden: A Case Report Mengni Chen, MSc, Shengli Yang, MD, PhD, Li Fan, MD, PhD, Lu Wu, MD, PhD, Renwang Chen, MSc, Jian Chang, MSc, and Jianli Hu, MD, PhD

Letters to the Editor

- e65 OPEN ABO Blood Group and the Risk of Pancreatic Neoplasms in Chinese Han Population: A Study at Shanghai Pancreatic Cancer Institute
 - Mengqi Liu, MD, Shunrong Ji, MD, PhD, Wenyan Xu, MD, Wensheng Liu, MD, PhD, Yi Qin, MD, PhD, Jinfeng Xiang, MD, Qiangsheng Hu, MD, Qiqing Sun, MD, Zheng Zhang, MD, Xiaowu Xu, MD, PhD, and Xianjun Yu, MD, PhD
- e66 African Americans With Acute Pancreatitis Present With Worsened Kidney Injury and Have Inadequate Access to Care
 - Cemal Yazici, MD, Kyle Geary, MD, Angelica Sanchez, MPH, Brian R. Boulay, MD, MPH, Georgios I. Papachristou, MD, PhD, Nancy Krett, PhD, Paul J. Grippo, PhD, and Barbara Jung, MD
- Modified Marshall Score Predicts Mortality in Patients With Walled-off Pancreatic Necrosis Treated in an Intensive Care Unit
 - Joachim Hartmann, BSc(Med), Mikkel Werge, MD, Palle Nordblad Schmidt, MD, PhD, Erik Feldager Hansen, MD, PhD, Ulf Gøttrup Pedersen, MD, Klaus Tjelle Kristiansen, MD, Lise Lotte Gluud, MD, DMSc, and Srdan Novovic, MD, PhD
- A Better Way to Predict the Severity of Acute Pancreatitis?

 Tao Cheng, MD, Jun-Zhao Liu, MD, Sheng Ye, MD, Zhi-Han Gu, MD, Pan Pan, MD, and Yu Cao, MD
- e71 E Fate of Autophagic Vacuoles in Acinar Cells During Pancreatitis

 <u>Daniel S. Longnecker, MD</u>
- Factors Affecting Nonalcoholic Fatty Liver Disease After Pancreatic Head Resection

 Yoshiro Fujii, MD, PhD, Masahide Hiyoshi, MD, PhD, Naoya Imamura, MD, PhD, Koichi Yano, MD, Takeomi Hamada, MD, and Takashi Wada, MD

This journal is listed in Index Medicus/MEDLINE, Current Contents/Life Sciences, SCISEARCH, BIOSIS, Biomedical Data Base, Excerpta Medica, and Current Awareness in Biological Sciences.

Address for non-member subscription information, orders, or change of address: Wolters Kluwer Health, Inc., PO Box 1610, Hagerstown, MD 21740; phone 800-638-3030 (outside the United States 301-223-2300); fax 301-223-2400. In Japan, Wolters Kluwer Health Japan Co., Ltd. Forecast Mita Building 5th floor 1-3-31 Mita Minato-ku Tokyo, Japan 108-0073 Tel: 81 3 5427 1969.

Copies will be replaced without charge if the publisher receives a request within 90 days of the mailing date, both in the U.S. and worldwide. Visit us on-line at www.lww.com. Advertising inquiries should be directed to Hilary Druker, Hilary.Druker@wolterskluwer.com.

Wolters Kluwer Health, Inc. cannot be held responsible for errors or for any consequences arising from the use of the information contained in this journal. The appearance of advertising in this journal does not constitute an endorsement or approval by Wolters Kluwer Health, Inc. for the quality or value of the product advertised or of the claims made for it by its manufacturer.

Permissions: Please go to the Journal website and click the "Permissions" link above the title of the paper in the abstract or html window for the relevant article. Alternatively send an email to customercare@copyright.com. Translation Rights & Licensing queries: Please contact, Silvia Serra, Translations Rights, Licensing & Permissions Manager, Wolters Kluwer Health (Medical Research) Ltd, 250 Waterloo Road, London SE1 8RD, UK. Phone +44 (0)207 981 0600; Silvia.Serra@wolterskluwer.com

Instructions for Authors: You can access the instructions at the Pancreas website (http://www.pancreasjournal.com).