

BJS

Incorporating *European Journal of Surgery* and *Swiss Surgery*

A Journal formed by the union of *BJS*, *Acta Chirurgica Scandinavica*, publisher of *European Journal of Surgery*, and the Swiss Society of Surgery, publisher of *Swiss Surgery*.

The Journal is specially related to the Association of Surgeons of Great Britain and Ireland, Society of Academic and Research Surgery, Spanish Society of Surgical Research, Swedish Surgical Society and Swiss Society of Surgery, and is the official journal of the European Society for Surgical Research.

Editorial Team

Editors-in-Chief

D. Alderson, *Birmingham, UK*
J. J. Earnshaw, *Gloucester, UK*

Editors

J. Beynon, *Swansea, UK*
C. H. C. Dejong, *Maastricht, The Netherlands*
K. Søreide, *Stavanger, Norway*
M. Sund, *Umeå, Sweden*
B. P. L. Wijnhoven, *Rotterdam, The Netherlands*
D. C. Winter, *Dublin, Ireland*

Associate Editor

R. J. Hinchliffe, *London, UK*

Statistical Consultants

J. A. Cook, *Oxford, UK*
J. Ranstam, *Lund, Sweden*

Council

Chairman

O. J. Garden, *Edinburgh, UK*

Vice-Chairmen

A. Bergenfelz, *Lund Sweden*
S. Post, *Mannheim, Germany*

D. Baker, *London, UK*
S. Breitenstein, *Zurich, Switzerland*
A. H. Davies, *London, UK (Society of Academic & Research Surgery)*
N. Demartines, *Lausanne, Switzerland*
J. De Oca, *Barcelona, Spain*
O. Farges, *Paris, France*

Treasurer

M. G. Wyatt, *Newcastle upon Tyne, UK*

Company Secretary

P. R. O'Connell, *Dublin, Ireland*

R. D. Madoff, *Minneapolis, Minnesota, USA*
J. Mayol, *Madrid, Spain*
A. Montgomery, *Malmö, Sweden*
M. Morino, *Turin, Italy*
P. Naredi, *Gothenburg, Sweden*
D. Rew, *Southampton, UK (Association of Surgeons of Great Britain & Ireland)*

Editorial Board

R. J. Baigrie, *South Africa*
M. Barczynski, *Poland*
L. Barneo, *Spain*
D. Bartsch, *Germany*
G. Beets, *The Netherlands*
G. Belli, *Italy*
M. Besselink, *The Netherlands*
S. Biondo, *Spain*
M. Björck, *Sweden*
J. M. Blazeby, *UK*
J. Brockmann, *Switzerland*
K. Brohi, *UK*
D. Candinas, *Switzerland*
T. Carrel, *Switzerland*
D. Cherqui, *France*
S. Connor, *New Zealand*
A. de Beaux, *UK*
S. di Saverio, *Italy*
D. Doll, *Germany*
H. Dralle, *Germany*

J. Fawcett, *Australia*
D. Flum, *USA*
P. J. Friend, *UK*
H. Friess, *Germany*
A. Garcia, *Spain*
I. Garcia-Alonso, *Spain*
H. G. Gooszen, *The Netherlands*
T. Grantcharov, *Canada*
J-F. Henry, *France*
J. Herreros, *Spain*
N. Hiki, *Japan*
J. Hill, *UK*
J. Holcomb, *USA*
J. Izbicki, *Germany*
K. Lassen, *Norway*
T. Lehnert, *Germany*
A. Leppäniemi, *Finland*
P. Losty, *UK*
M. Makuuchi, *Japan*

J. Manjer, *Sweden*
J. McK. Manson, *UK*
W. Marti, *Switzerland*
F. Michelassi, *USA*
R. Morgan, *UK*
M. L. Nicholson, *UK*
S. Nicholson, *UK*
Y. Nimura, *Japan*
R. Parks, *UK*
A. Renehan, *UK*
X. Rogiers, *Belgium*
I. Schipper, *The Netherlands*
B. M. Smithers, *Australia*
H. W. Tilanus, *The Netherlands*
A. Tuchmann, *Austria*
J. van Lanschot, *The Netherlands*
D. Watson, *Australia*
S. Wigmore, *UK*
J. Windsor, *New Zealand*

While every effort is made by the Editorial Team, members of the Council and the publishers to avoid inaccurate or misleading information appearing in *BJS*, data within the individual articles and advertisements are the responsibility of the authors or advertisers concerned. The *BJS* Society, the publishers and members of the Editorial Team and Council accept no liability whatsoever for the consequences of any such inaccurate or misleading data, opinion or statement. In addition, the acceptance of an advertisement to appear in *BJS* does not constitute a guarantee or endorsement by the *BJS* Society or the publisher of the quality or value of the advertised products or services or of the claims made for them by their advertisers.

Editorial Office Managing Editor

Alison Cherrie
BJS, John Wiley & Sons Ltd
151 West George Street, Glasgow G2 2JJ, UK
Tel.: +44 (0)141 228 4713
E-mail: alison.cherrie@wiley.com

Aims and Scope

BJS is the premier surgical journal in Europe and one of the top surgical periodicals in the world. Its international readership is reflected in the prestigious International Editorial Board, supported by a panel of over 1200 reviewers worldwide.

BJS features the very best in clinical and laboratory-based research on all aspects of general surgery and related topics. Developing areas such as minimally invasive therapy and interventional radiology are strongly represented.

The inclusion of Leading Articles, Reviews and Original Articles means that *BJS* offers an appropriate format for any length or type of submission; in addition, there are abstracts from key meetings, correspondence and book reviews.

BJS will be of interest not only to general surgeons, but also to specialty surgeons and those working in related fields.

Subscriptions

The *BJS* is published in 12 issues per year. Subscription prices for 2016 are as follows:

Personal:

Print only EUR€331/GBP£209/US\$315

Electronic only EUR€331/GBP£209/US\$315

Print and electronic EUR€381/GBP£240/US\$362 (includes subscription in both print and electronic formats)

Institutional:

Print only EUR€827/GBP£567/US\$846

Electronic only EUR€827/GBP£567/US\$846

Print and electronic EUR€993/GBP£680/US\$1016 (includes subscription in both print and electronic formats)

Prices are exclusive of tax. Asia-Pacific GST, Canadian GST and European VAT will be applied at the appropriate rates. For more information on current tax rates, please go to wileyonlinelibrary.com/tax-vat. The price includes online access to the current and all online back files to January 1st 2012, where available. For other pricing options, including access information and terms and conditions, please visit wileyonlinelibrary.com/access.

BJS accepts articles for Open Access publication. Please visit <http://olabout.wiley.com/WileyCDA/Section/id-406241.html> for further information about OnlineOpen.

Delivery Terms and Legal Title

Where the subscription price includes print issues and delivery is to the recipient's address, delivery terms are Delivered at Place (DAP); the recipient is responsible for paying any import duty or taxes. Title to all issues transfers FOB our shipping point, freight prepaid. We will endeavour to fulfil claims for missing or damaged copies within six months of publication, within our reasonable discretion and subject to availability.

Back issues: Single issues from current and recent volumes are available at the current single issue price from cs-journals@wiley.com. Earlier issues may be obtained from Periodicals Service Company, 351 Fairview Avenue-Ste 300, Hudson, NY 12534, USA. Tel.: +1 518 822 9300, Fax: +1 518 822 9305. Email: psc@periodicals.com

Contact Details

BJS is published by John Wiley & Sons Ltd.

Journal Customer Services: For ordering information, claims and any enquiry concerning your journal subscription please go to www.wileycustomerhelp.com/ask or contact your nearest office.

Americas: Email: cs-journals@wiley.com; Tel.: +1 781 388 8598 or +1 800 835 6770 (toll free in the USA & Canada).

Europe, Middle East and Africa: Email: cs-journals@wiley.com; Tel.: +44 (0) 1865 778315.

Asia Pacific: Email: cs-journals@wiley.com; Tel.: +65 6511 8000.

Japan: For Japanese speaking support, Email: cs-japan@wiley.com; Tel.: +65 6511 8010 or Tel. (toll-free): 005 316 50 480.

Visit our Online Customer Help available in 7 languages at www.wileycustomerhelp.com

Advertisements

Sarah Young, Advertising Coordinator
Tel.: +44 (0)1865 476363
E-mail: sarah.young@wiley.com

Commercial Reprints

E-mail: corporatesaleseurope@wiley.com; corporatesalesusa@wiley.com; or corporatesalesaustralia@wiley.com

Author Reprints

Order online: <http://offprint.cosprinters.com/blackwell>
E-mail: offprint@cosprinters.com

Production Editor

For manuscripts that have been accepted for publication, please contact:
Karen Stuart
E-mail: kstuart@wiley.com

Copyright and Photocopying

Copyright © 2016 BJS Society Ltd. All rights reserved. No part of this publication may be reproduced, stored or transmitted in any form or by any means without the prior permission in writing from the copyright holder. Authorization to copy items for internal and personal use is granted by the copyright holder for libraries and other users registered with their local Reproduction Rights Organisation (RRO), e.g. Copyright Clearance Center (CCC), 222 Rosewood Drive, Danvers, MA 01923, USA (www.copyright.com), provided the appropriate fee is paid directly to the RRO. This consent does not extend to other kinds of copying such as copying for general distribution, for advertising or promotional purposes, for creating new collective works or for resale. Special requests should be addressed to: permissions@wiley.com

Disclaimer

The Publisher, BJS Society Ltd and Editors cannot be held responsible for errors or any consequences arising from the use of information contained in this journal; the views and opinions expressed do not necessarily reflect those of the Publisher, BJS Society Ltd and Editors, neither does the publication of advertisements constitute any endorsement by the Publisher, BJS Society Ltd and Editors of the products advertised.

Note to NIH Grantees

Pursuant to NIH mandate, Wiley-Blackwell will post the accepted version of contributions authored by NIH grant-holders to PubMed Central upon acceptance. This accepted version will be made publicly available 12 months after publication. For further information, see www.wiley.com/go/nihmandate.

Periodical ID Statement

BJS (Print ISSN 0007-1323 Online ISSN 1365-2168) is published monthly. US mailing agent: Mercury Media Processing, LLC, 1850 Elizabeth Avenue, Suite #C, Rahway, NJ 07065, USA. Periodical postage paid at Rahway, NJ. Postmaster: send all address changes to *BJS*, John Wiley & Sons Inc., C/O The Sheridan Press, PO Box 465, Hanover, PA 17331.

Wiley's Corporate Citizenship initiative seeks to address the environmental, social, economic, and ethical challenges faced in our business and which are important to our diverse stakeholder groups. Since launching the initiative, we have focused on sharing our content with those in need, enhancing community philanthropy, reducing our carbon impact, creating global guidelines and best practices for paper use, establishing a vendor code of ethics, and engaging our colleagues and other stakeholders in our efforts. Follow our progress at www.wiley.com/go/citizenship
ISSN 0007-1323 (Print)
ISSN 1365-2168 (Online)

For submission instructions, subscription and all other information visit: www.bjs.co.uk

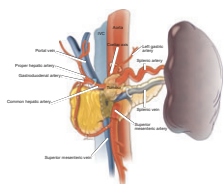
View this journal online at wileyonlinelibrary.com/journal/bjs

Access to this journal is available free online within institutions in the developing world through the HINARI initiative with the WHO. For information, visit www.who.int/hinari/en

Printed in Singapore by Markono Print Media Pte Ltd

BJS

Volume 103, Issue 8, July 2016



Front cover image: Locally advanced cancer of the pancreatic body with coeliac axis involvement, eligible for distal pancreatectomy with coeliac axis resection. *Br J Surg* 2016; **103**: 942

Leading article

939 **Reconsidering the endovenous revolution**

O. Nelzén

Not as cost-effective as you might think

Systematic review

941 **Systematic review of outcomes after distal pancreatectomy with coeliac axis resection for locally advanced pancreatic cancer**

S. Klompaker, T. de Rooij, J. J. Korteweg, S. van Dieren, K. P. van Lienden, T. M. van Gulik, O. R. Busch and M. G. Besselink

Technically feasible in selected patients

Review

950 **Lipotransfer for radiation-induced skin fibrosis**

R. Kumar, M. Griffin, G. Adigbli, N. Kalavrezos and P. E. M. Butler

Potential treatment for radiation-induced fibrosis

Randomized clinical trial

962 **Randomized clinical trial of postoperative chewing gum versus standard care after colorectal resection**

C. Atkinson, C. M. Penfold, A. R. Ness, R. J. Longman, S. J. Thomas, W. Hollingworth, R. Kandiyali, S. D. Leary and S. J. Lewis

No advantage observed

Original articles

971 **Mortality of emergency abdominal surgery in high-, middle- and low-income countries**

GlobalSurg Collaborative

Higher in low-income countries

989 **Comparison of outcomes after endovascular and open repair of abdominal aortic aneurysms in low-risk patients**

J. J. Siracuse, M. L. Schermerhorn, A. J. Meltzer, M. H. Eslami, J. A. Kalish, D. Rybin, G. Doros, A. Farber and the Vascular Study Group of New England


Few perioperative complications with EVAR but other outcomes similar

995 **Quality of life from a randomized trial of open and endovascular repair for abdominal aortic aneurysm**

J. L. de Bruin, R. H. H. Groenwold, A. F. Baas, J. R. Brownrigg, M. Prinssen, D. E. Grobbee and J. D. Blankensteijn, for the DREAM Study Group

Long-term quality of life better following open repair

Contents

- 1003 **Design of new patient-reported outcome measures to assess quality of life, symptoms and treatment satisfaction in patients with abdominal aortic aneurysm**
G. Peach, J. Romaine, A. Wilson, P. J. E. Holt, M. M. Thompson, R. J. Hinchliffe and C. Bradley
A new PROMS
- 1012 **Quality of life, symptoms and treatment satisfaction in patients with aortic aneurysm using new abdominal aortic aneurysm-specific patient-reported outcome measures**
G. Peach, J. Romaine, P. J. E. Holt, M. M. Thompson, C. Bradley and R. J. Hinchliffe
Shows promise
- 1020 **Risk factors for recurrence in patients with papillary thyroid carcinoma undergoing modified radical neck dissection**
Y. M. Lee, T. Y. Sung, W. B. Kim, K. W. Chung, J. H. Yoon and S. J. Hong
Metastatic lymph node-related factors were of importance
- 1026  **Videoscopic ilioinguinal lymphadenectomy for groin lymph node metastases from melanoma**
A. Sommariva, S. Pasquali, C. Cona, A. A. Ciccarese, L. Saadeh, L. G. Campana, M. Meroni and C. R. Rossi
More support for videoscopic surgery
- 1033 **Management and outcomes of anastomotic leaks after oesophagectomy**
B. Dent, S. M. Griffin, R. Jones, S. Wahed, A. Immanuel and N. Hayes
No need for stenting
- 1039 **Prediction of survival in patients with oesophageal or junctional cancer receiving neoadjuvant chemoradiotherapy and surgery**
J. Shapiro, D. van Klaveren, S. M. Lagarde, E. L. A. Toxopeus, A. van der Gaast, M. C. C. M. Hulshof, B. P. L. Wijnhoven, M. I. van Berge Henegouwen, E. W. Steyerberg and J. J. B. van Lanschot
Better predictor still needed
- 1047 **Statistical nugget**
Statistical models: an overview
J. Ranstam and J. A. Cook
- 1048 **Single-stage resection and microwave ablation for bilobar colorectal liver metastases**
P. Philips, R. T. Groeschl, E. M. Hanna, R. Z. Swan, K. K. Turaga, J. B. Martinie, D. A. Iannitti, C. Schmidt, T. Clark Gamblin and R. C. G. Martin
Attractive strategy
- 1055 **Outcomes after resection and/or radiofrequency ablation for recurrence after treatment of colorectal liver metastases**
J. Hof, M. W. J. L. A. E. Wertenbroek, P. M. J. G. Peeters, J. Widder, E. Sieders and K. P. de Jong
Ablation useful for recurrence
- 1063 **Multicentre observational study of outcomes after drainage of acute perianal abscess**
L. Pearce, K. Newton, S. R. Smith, P. Barrow, J. Smith, L. Hancock, C. C. Kirwan and J. Hill, on behalf of the North West Research Collaborative
Painful and expensive

Contents

- 1069 **Multicentre study of short-course radiotherapy and transanal endoscopic microsurgery for early rectal cancer**
C. J. Smart, S. Korsgen, J. Hill, D. Speake, B. Levy, M. Steward, J. I. Geh, J. Robinson, D. Sebag-Montefiore and S. P. Bach
A very attractive option
- 1076 **Outcomes following laparoscopic rectal cancer resection by supervised trainees**
A. C. Currie, I. White, G. Malietzis, M. Moorghen, J. T. Jenkins and R. H. Kennedy
Supports one-on-one training
- 1084 *Scientific surgery*