



Editor-in-Chief
Pedro T Ramirez (USA)

Associate Editors
Antonio Gonzalez (Spain)
Anna Fagotti (Italy)
Michael Frumovitz (USA)
Rene Pareja (Colombia)
Anuja Jhingran (USA)

Video Editor
Luis Chiva (Spain)

Social Media Editor
Ane Gerda Zahl Eriksson (Norway)

Managing Editor
Lindsey Struckmeyer (USA)

Editorial Office
International Journal of Gynecological Cancer, BMJ Journals
Two Hudson Square, 3rd Floor,
Hoboken, NJ 07030 USA
E: ijgc@jmeditorial.com

Production Editor
Hannah Martin
E: production.ijgc@bmj.com

Customer support
For general queries and support with
existing and new subscriptions:
W: support.bmj.com
T: +44 (0)20 7111 1105
E: support@bmj.com

Self-archiving and permissions
W: bmj.com/company/productservices/rights-and-licensing/
E: bmj.permissions@bmj.com

Disclaimer: The Editor of *International Journal of Gynecological Cancer* has been granted editorial freedom and *International Journal of Gynecological Cancer* is published in accordance with editorial guidelines issued by the World Association of Medical Editors and the Committee on Publication Ethics. *International Journal of Gynecological Cancer* is primarily intended for healthcare professionals and its content is for information only. The Journal is published without any guarantee as to its accuracy or completeness and any representations or warranties are expressly excluded to the fullest extent permitted by law. Readers are advised to independently verify any information on which they choose to rely. Acceptance of advertising by *International Journal of Gynecological Cancer* does not imply endorsement. Neither *International Gynecologic Cancer Society* and *European Society of Gynaecological Oncology* nor BMJ Publishing Group Limited shall have any liability for any loss, injury or damage howsoever arising from *International Journal of Gynecological Cancer* (except for liability which cannot be legally excluded).

Copyright: © 2021 IGCS and ESGO. All rights reserved; no part of this publication may be reproduced in any form without permission.

The *International Journal of Gynecological Cancer (IJGC)* is published by BMJ Publishing Group Ltd and typeset by Exeter Premedia Services Private Limited, Chennai, India.

Lead Article

- 647** Development of a surgical competency assessment tool for sentinel lymph node dissection by minimally invasive surgery for endometrial cancer
K Moloney, M Janda, M Frumovitz, M Leitao, N R Abu-Rustum, E Rossi, J L Nicklin, M Plante, F R Lecuru, A Buda, A Mariani, Y Leung, S E Ferguson, R Pareja, R Kimmig, P S Y Tong, O McNally, N Chetty, K Liu, K Jaaback, J Lau, S Y J Ng, H Falconer, J Persson, R Land, F Martinelli, A Garrett, A Altman, A Pendlebury, D Cibula, R Altamirano, D Brennan, T E Ind, C De Kroon, K Y Tse, G Hanna, A Obermair

Editorial

- 656** Safety, standardization, and surgical innovation: lessons from the development of sentinel node biopsy in gynecologic oncology
C F Levenback

Meeting summary

- 658** Report from the European Society of Gynaecological Oncology (ESGO) 2020 State-of-the-Art Virtual Meeting
Z Razumova, N Bizzarri, J Kacperczyk-Bartnik, A Pletnev, A Gonzalez Martin, J Persson

Cervical Cancer

- 670** Outcomes of patients with cervical cancer treated with low- or high-dose rate brachytherapy after concurrent chemoradiation
A A Scott, J Yarney, V Vanderpuye, C Akoto Aidoo, M Agyeman, S N Boateng, E Sasu, K Anarfi, T Obeng-Mensah
- 679** Comparison of SPECT-CT with intraoperative mapping in cervical and uterine malignancies
A-S Navarro, M A Angeles, F Migliorelli, C Illac, C Martínez-Gómez, H Leray, S Betrian, E Chantalat, Y Tanguy Le Gac, S Motton, D Querleu, G Ferron, E Gabiache, A Martinez

Uterine Cancer

- 686** The shift from inpatient to outpatient hysterectomy for endometrial cancer in the United States: trends, enabling factors, cost, and safety
S Cappuccio, Y Li, C Song, E Liu, G Glaser, J Casarin, T Grassi, K Butler, P Magtibay, J F Magrina, G Scambia, A Mariani, C Langstraat
- 694** Role of adjuvant chemotherapy in patients with FIGO stage IB grade 3 endometrial endometrioid adenocarcinoma treated with surgery and post-operative radiotherapy
L B Reshko, J T Gaskins, S M Dryden, D S Metzinger, S L Todd, H B Eldredge-Hindy, S R Silva
- 702** Sequencing chemotherapy before radiotherapy for women with stage IIIc endometrial cancer
D M Narasimhulu, M S Block, A L Weaver, M McGree, A Kumar, C Langstraat, I Petersen, A Mariani, G Glaser

Ovarian Cancer

- 709** Secondary malignancies in long-term ovarian cancer survivors: results of the 'Carolyn meets HANNA' study
H Wooten, C Rolf, E I Braicu, N Buttman-Schweiger, B Barnes, J Baum, K Pietzner, K Kraywinkel, J Sehouli
- 713** Impact of clinical factors and surgical outcome on long-term survival in high-grade serous ovarian cancer: a multicenter analysis
J Baum, E I Braicu, O Hunsicker, I Vergote, N Concin, E Van Nieuwenhuysen, A Feldheiser, P Achimas-Cadariu, S Darb-Esfahani, A Berger, B Fetica, S Mahner, A Papadia, L Wölber, M L Gasparri, A Vanderstichele, P Benedetti Panici, M D Mueller, I Ruscito, H Wooten, J Sehouli

Surgery

- 721** An enhanced recovery protocol decreases complication rates in high-risk gynecologic oncology patients undergoing non-emergent laparotomy
T K L Boitano, H J Smith, A C Cohen, A Todd, C A Leath III, J M Stroughan Jr.

- 727** Factors impacting length of stay and survival in patients with advanced gynecologic malignancies and malignant bowel obstruction
M Tigert, C Lau, H Mackay, S L'Heureux, L T Gien

- 733** Differential blood count as triage tool in evaluation of pelvic masses
D W Cramer, W J Benjamin IV, A F Vitonis, R Berkowitz, A Goodman, U Matulonis

Reviews

- 744**  Ultrastaging methods of sentinel lymph nodes in endometrial cancer – a systematic review
L C Burg, E M Hengeveld, J in 't Hout, J Bulten, P Bult, P L M Zusterzeel

- 754** The application of metabolomics in ovarian cancer management: a systematic review
Y Ahmed-Salim, N Galazis, T Bracewell-Milnes, D L Phelps, B P Jones, M Chan, M D Munoz-Gonzales, T Matsuzono, J R Smith, J Yazbek, J Krell, S Ghaem-Maghami, S Saso

- 775**  The Cervical Cancer Research Network (Gynecologic Cancer InterGroup) roadmap to expand research in low- and middle-income countries
M McCormack, D Gaffney, D Tan, K Bennet, A Chavez-Blanco, M Plante

Clinical trial

- 779** Facilitated cascade testing (FaCT): a randomized controlled trial
R Nitecki, H A Moss, C H Watson, D L Urbauer, A Melamed, K H Lu, S M Lipkin, K Offit, J A Rauh-Hain, M K Frey

Case study

- 784** Cervical cancer in pregnancy at various gestational ages
S Gómez Rodrigo, J Calderon, J N Dionisi, A Santi, J M Mariconde, O D Rosato, F Amant

Corners of the world


- 789** The journey to setting up a comprehensive gynecologic cancer service in Upper Egypt
A Abdelbadee, H Abou-Taleb

Video articles

- 791** Extraperitoneal laparoscopic pelvic lymphadenectomy for cervical cancer staging in twin pregnancy
M Corinti, V Alvarenga-Bezerra, R Ribeiro, A W Liao, S Podgaec, R Moretti-Marques

- 793** Thoracic anatomical landmarks and uniportal VATS cardiophrenic lymph node resection in advanced ovarian cancer
F Boria, M Rodriguez-Perez, D Vázquez-Vicente, T Castellanos, E Chacon, L Chiva

Educational video lecture

- 795**  Nerve-sparing radical hysterectomy—Muallem technique with explanation of parametrium and paracolpium anatomy
M Z Muallem, A Miranda, J Muallem

Pathology archives

- 797** Ovarian yolk sac tumor
T Iscar, C Arean, L Chiva, J Sanz

Images

- 799** Endometrial carcinoma originating in an isthmocele
M Gorostidi, D Rodriguez