



**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](mailto:ijgc@jmeditorial.com)

**Senior Production Editor**  
Eleanor Naylor  
E: [production.ijgc@bmj.com](mailto:production.ijgc@bmj.com)

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

Self-archiving and permissions  
W: [bmj.com/company/productservices/rights-and-licensing/](http://bmj.com/company/productservices/rights-and-licensing/)  
E: [bmj.permissions@bmj.com](mailto: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:** © 2020 IGCS and ESGO. 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 or otherwise without prior 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.

## Editorial

- 1 Quality indicators in cervical cancer surgery: a valiant step in the right direction  
*P T Ramirez*

## Lead article

- 3 European Society of Gynaecological Oncology quality indicators for surgical treatment of cervical cancer  
*D Cibula, F Planchamp, D Fischerova, C Fotopoulou, C Kohler, F Landoni, P Mathevet, R Naik, J Ponce, F Raspagliesi, A Rodolakis, K Tamussino, C Taskiran, I Vergote, P Wimberger, A G Zahl Eriksson, D Querleu*

## Society statement

- 15 Laparoscopic radical hysterectomy: a European Society of Gynaecological Oncology (ESGO) statement  
*D Querleu, D Cibula, N Concin, A Fagotti, A Ferrero, C Fotopoulou, P Knapp, D Kurdiani, J A Ledermann, M R Mirza, P Morice, J Ponce, E Van der Steen-Banasik, C Taskiran, P Wimberger, K Zalewski, C Sessa*

## Cervical Cancer

- 16 Integrated pre-surgical diagnostic algorithm to define extent of disease in cervical cancer  
*G Sozzi, R Berretta, S Fiengo, M Ferreri, V Giallombardo, F Finazzo, D Messana, V A Capozzi, N Colacurci, G Scambia, V Chiantera*
- 21 Adult primary cervical rhabdomyosarcomas: A Multicentric cross-national case series  
*E Ricciardi, H Plett, V Sangiorgio, M Paderno, F Landoni, G Aletti, S Prader, A du Bois, P Harter, N Colombo*
- 29 Role of primary care enrolment in advanced cervical cancer diagnosis: a population-based case–control study  
*L Bernard, D Fearon, S McFaul, W Faught*
- 35 Correlation of Swede score colposcopy scoring system and histopathological results in patients with high-risk HPV infection other than HPV16 and 18  
*M Alan, I Gunyeli, M Gultekin, M Sana, K Yuce*

## Uterine Cancer

- 41 Sentinel lymph node biopsy for robotic-assisted endometrial cancer staging: further improvement of perioperative outcomes  
*J Casarin, F Multinu, L Tortorella, S Cappuccio, A L Weaver, F Ghezzi, W Cilby, A Kumar, C Langstraat, G Glaser, A Mariani*
- 48 Outcomes and relapse patterns of stage IB grade 2 or 3 endometrial cancer treated with adjuvant vaginal brachytherapy  
*A Hochreiter, J R Kelly, M R Young, B Litkouhi, J D Black, C Stromberger, S Higgins, P E Schwartz, S Damast*
- 56 Lynch syndrome-related non-endometrioid endometrial cancer: analysis of outcomes  
*G Bogani, M G Tibiletti, M T Ricci, I Carnevali, V Liberale, B Paolini, M Milione, M Vitellaro, F Murgia, V Chiappa, A Ditto, F Ghezzi, F Raspagliesi*

## Ovarian Cancer

- 62 Pre-operative serum CA125, peritoneal cancer index and intra-operative mapping score as predictors of surgical results in primary epithelial ovarian cancer  
*M Z Muallem, J Sehoul, R Richter, A Babayeva, K Gasimli, A Parashkevova*
- 67 External validation of a 'response score' after neoadjuvant chemotherapy in patients with high-grade serous ovarian carcinoma with complete clinical response  
*P C Zorzato, G F Zannoni, R Tudisco, T Pasciuto, A Di Giorgio, M Franchi, G Scambia, A Fagotti*
- 74 Prognostic significance of the controlling nutritional status (CONUT) score in epithelial ovarian cancer  
*Y Li, C Zhang, R Ji, H Lu, W Zhang, L-L Li, R Liu, H Qian, A He*
- 83 Assessment of ovarian reserve and reproductive outcomes in *BRCA1* or *BRCA2* mutation carriers  
*J Ponce, S Fernandez-Gonzalez, I Calvo, M Climent, J Peñañel, L Feliubadaló, A Teulé, C Lázaro, J M Brunet, B Candás-Estébanez, M Durán Retamal*

- 89** Discrepancy in calculated and measured glomerular filtration rates in patients treated with PARP inhibitors  
*G Zibetti Dal Molin, S N Westin, P Msaouel, L M Gomes, A Dickens, R L Coleman*

- 94** Incidence of germline BRCA1/2 mutations in women with tubo-ovarian high-grade serous carcinomas with and without serous tubal intra-epithelial carcinomas  
*C B Dowson, C Stewart, S O'Sullivan, N Pachter, L Schofield, P A Cohen*

---

## Vulvar Cancer

- 100** Association of human papilloma virus status and response to radiotherapy in vulvar squamous cell carcinoma  
*L Proctor, L Hoang, J Moore, E Thompson, S Leung, D Natesan, J Chino, B Gilks, J N McAlpine*
- 107** Use of electrochemotherapy in women with vulvar cancer to improve quality-of-life in the palliative setting: a meta-analysis  
*A Tranoulis, D Georgiou, C Founta, G Mehra, A Sayasneh, R Nath*

---

## Fertility and pregnancy

- 115** Fertility-sparing surgery of cervical cancer > 2 cm (International Federation of Gynecology and Obstetrics 2009 stage IB1–IIA) after neoadjuvant chemotherapy  
*F M Tesfai, J R Kroep, K Gaarenstroom, C De Kroon, R Van Loenhout, V Smit, B Trimbos, R A Nout, M I E van Poelgeest, J J Beltman*

---

## Surgical outcomes

- 122** Adoption of enhanced recovery after laparotomy in gynecologic oncology  
*A S Ore, M A Shear, F W Liu, J L Dalrymple, C S Awtrey, L Garrett, H Stack-Dunmbier, M R Hacker, K McK Esselen*

---

## Imaging

- 128** Role of transvaginal ultrasound-guided biopsy in gynecology  
*F Mascilini, L Quagliozzi, F Moro, M C Moruzzi, I De Blasis, V Paris, G Scambia, A Fagotti, A C Testa*

---

## Review

- 133** Imaging before cytoreductive surgery in advanced ovarian cancer patients  
*S Rizzo, M Del Grande, L Manganaro, A Papadia, F Del Grande*

---

## Clinical trial

- 139** A randomized phase III trial of platinum chemotherapy plus paclitaxel with bevacizumab and atezolizumab versus platinum chemotherapy plus paclitaxel and bevacizumab in metastatic (stage IVB), persistent, or recurrent carcinoma of the cervix: the BEATcc study (ENGOT-Cx10/GEICO 68-C/JGOG1084/GOG-3030)  
*J F Grau, L Farinas-Madrid, A Oaknin*

---

## Case study

- 144** Placental site trophoblastic disease  
*G M Rey Valzacchi, D Odetto, C B Chacon, A Wernicke, Y Xiang*

---

## Corners of the world

- 150** Telementoring in gynecologic oncology training: changing lives in Mozambique  
*R Moretti-Marques, M P Salcedo, D Callegaro Filho, A Lopes, M Vieira, G Fontes Cintra, M Ribeiro, D Changule, S Daud, R Rangeiro, E Baker, C Lorenzoni, J H T G Fregnani, K M Schmeler*

---

## Video articles

- 152** Creation of a Y-shaped ileal orthotopic neobladder after an anterior pelvic exenteration in 10 logical steps  
*C Martínez-Gómez, M A Angeles, F Migliorelli, A Martinez, M Bernard, G Ferron*
- 154** Maylard's incision: how to make an easy incision for complex pelvic abdominal surgery  
*E Ortiz Molina, B Díaz de la Noval, M<sup>a</sup> J Rodríguez Suárez, R Hernández Pailos, F García Sánchez, J García González*
- 156** Robotic debulking of confluent pelvic lymph nodes  
*H Fomalik, N Fomalik*