

Abstracts

Miscellaneous

215 THE UTILITY OF A PERSONALISED RISK CALCULATOR IN GYNAE-ONCOLOGY SURGERY

¹Sadie Jones, ²Ines Murray, ¹Kenneth Lim, ¹Robert Howells, ³Rhidian Jones, ¹Aarti Sharma.
¹University Hospital UK; ²Cardiff University; ³Princess of Wales Hospital

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Introduction/Background The objective of this study was to examine the clinical utility of the American College of Surgeons (ACS) surgical risk calculator, developed as part of the National Surgical Quality Improvement Programme (NSQIP), in predicting perioperative morbidity in gynaec-oncology patients, primarily, as a prediction model and secondly, as a tool to identify patients who are at increased risk of developing complications.

Methodology A retrospective review of 142 patients who underwent major surgery under the gynaec-oncology team between 06/08/2018–16/04/2019 at the University Hospital of Wales. Pre-operative factors combined with a procedure-specific code generated the predicted risk of 13 post-operative complications for each patient. Brier scores assessed calibration and receiver operated curves (AUC) evaluated the discriminative power of NSQIP.

Results Complications were experienced by 35.2% (50/142) patients. The calculator displayed adequate calibration when used to predict serious complications (Brier = 0.070), readmission (Brier = 0.058), return to OR (Brier = 0.000) and UTI (Brier = 0.001). It had the greatest discriminative power when predicting the risk of serious complications (AUC = 0.672; 95% CI, 0.481–0.863). The calculator successfully identified a majority of patients who had a complication as being of ‘above average risk’ for all complications, apart from return to OR, based on their pre-operative factors.

Conclusion NSQIP has previously been demonstrated to be a useful pre-operative tool for evaluating the risk of post-operative complications in colorectal surgery. This study

suggests that in the setting of gynaec-oncology surgery the calculator does not have adequate discriminative power to be an absolute predictor of all complications, however, it may be useful in identifying patients who are likely to develop serious complications and those at above average risk of complications.

Disclosures Inés Murray – I can confirm that I have no conflict of interest with reference to this work.

Kenneth Lim – I can confirm that I have no conflict of interest with reference to this work.

Robert Howells – I can confirm that I have no conflict of interest with reference to this work.

Rhidian Jones – I can confirm that I have no conflict of interest with reference to this work.

Aarti Sharma – I can confirm that I have no conflict of interest with reference to this work.

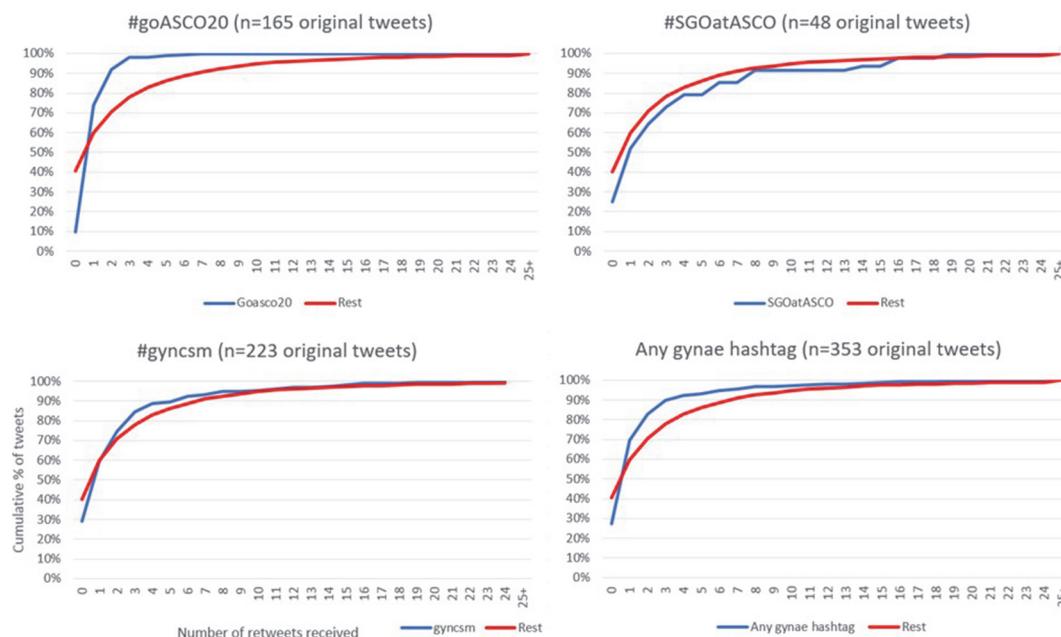
Sadie Jones – I can confirm that I have no conflict of interest with reference to this work.

242 #GOASCO20: SUCCESS OF A NEW TWITTER HASHTAG TO PROMOTE GYNAECOLOGICAL ONCOLOGY SPECIFIC INFORMATION DURING ASCO 2020 VIRTUAL ANNUAL MEETING

¹Geetu Bhandoria, ²Esra Bilir, ³Christina Uwins, ⁴Graham Mackenzie, ⁵Ilker Selcuk.
¹Command Hospital Pune; ²American University of Sovereign Nations; School of Medicine; American University of Sovereign Nations; ³Royal Surrey NHS Foundation Trust; The Academic Department of Gynaecological Oncology; ⁴NHS Lothian; ⁵Zekai Tahir Burak Eomen's Health Education and Research Hospital; University of Health Sciences; Obstetrics and Gynaecology

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Introduction/Background Scientific conferences promote specific hashtags for delegates to use. With the COVID-19 pandemic resulting in the cancellation of physical meetings there is considerable interest in understanding Twitter use at virtual events. Here we assess the reach of '#goASCO20', a new



Abstract 242 Figure 1