

EQUATOR Oncology Current Awareness Bulletin
May 2018

Welcome to the May 2018 issue of our EQUATOR Oncology Current Awareness Bulletin.

We hope that this bulletin will help to keep you up-to-date with the latest issues in the reporting and methods in oncology research by highlighting links to interesting research papers, editorials, comments and other resources related to cancer research. Topics covered in this issue include statistical issues, trial guidance and trial outcomes.

We welcome your feedback and involvement! Please share your comments and any problems you have encountered in the planning or reporting of cancer research with project lead Angela MacCarthy (angela.maccarthy@csm.ox.ac.uk).

The bulletin is a work in progress - look out for changes over the coming issues! Please feel free to pass this bulletin on to colleagues.

With best wishes from the EQUATOR Oncology Team

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*****NEW publication from EQUATOR Oncology*****

The EQUATOR Oncology team has just published an article in the British Journal of Cancer entitled Reporting guidelines for oncology research: helping to maximise the impact of your research (<https://www.nature.com/articles/bjc2017407.epdf>). This paper introduces reporting guidelines, which are tools that help researchers to write up their research for publication clearly and completely. It summarises generic reporting guidelines useful for cancer researchers and also the 39 oncology-specific reporting guidelines available in the EQUATOR Network reporting guideline database.

An editorial published in the same journal calls for action by journal editors and cancer associations in light of the issues raised in our paper (<https://www.nature.com/articles/bjc2017427>).

We have also published a news item on the EQUATOR website to disseminate details of the paper (<http://www.equator-network.org/2018/02/23/15811/>).

Reporting guideline

Yao XI, Wang X, Speicher PJ, Hwang ES, Cheng P, Harpole DH, Berry MF, Schrag D, Pang HH. Reporting and Guidelines in Propensity Score Analysis: A Systematic Review of Cancer and Cancer Surgical Studies. J Natl Cancer Inst. 2017;109(8). PMID: 28376195
<https://www.ncbi.nlm.nih.gov/pubmed/28376195>

Editorial about this new guideline

Glynn RJ. Use of Propensity Scores To Design Observational Comparative Effectiveness Studies. J Natl Cancer Inst. 2017;109(8). PMID: 28376196
<https://www.ncbi.nlm.nih.gov/pubmed/28376196>

Clinical Trials

Clinical benefit and value of cancer treatments

Sobrero A, Puccini A, Bregni G, Bruzzi P. The urgent need to improve the tools to assess clinical benefit and value of cancer treatment. *Eur J Cancer*. 2017;83:324-8. PMID: 28751070

<https://www.ncbi.nlm.nih.gov/pubmed/28751070>

Clinical trial design

Bornhorst M, Hwang EI. Experimental Therapeutic Trial Design for Pediatric Brain Tumors. *J Child Neurol*. 2016;31(12):1421-32. PMID: 26353880

<https://www.ncbi.nlm.nih.gov/pubmed/26353880>

Clinical trial endpoints/patient-reported outcomes/ outcomes

Le Saux O, Falandry C, Gan HK, You B, Freyer G, Peron J. Changes in the use of end points in clinical trials for elderly cancer patients over time. *Ann Oncol*. 2017;28(10):2606-11. PMID: 28961850

<https://www.ncbi.nlm.nih.gov/pubmed/28961850>

van Rijssen LB, Gerritsen A, Henselmans I, Sprangers MA, Jacobs M, Bassi C, Busch OR, Fernandez-Del Castillo C, Fong ZV, He J, Jang JY, Javed AA, Kim SW, Maggino L, Mitra A, Ostwal V, Pellegrini S, Shrikhande SV, Wilmink JW, Wolfgang CL, van Laarhoven HW, Besselink MG. Core Set of Patient-reported Outcomes in Pancreatic Cancer (COPRAC): An International Delphi Study Among Patients and Health Care Providers. *Ann Surg*. 2017. PMID: 29261524

<https://www.ncbi.nlm.nih.gov/pubmed/29261524>

Fish R, Sanders C, Williamson PR, Renehan AG. Core outcome research measures in anal cancer (CORMAC): protocol for systematic review, qualitative interviews and Delphi survey to develop a core outcome set in anal cancer. *BMJ open*. 2017;7(11). PMID: 29170292

<https://www.ncbi.nlm.nih.gov/pubmed/29170292>

Pearman TP, Beaumont JL, Mroczek D, O'Connor M, Cella D. Validity and usefulness of a single-item measure of patient-reported bother from side effects of cancer therapy. *Cancer*. 2018;124(5):991-7. PMID: 29131323

<https://www.ncbi.nlm.nih.gov/pubmed/29131323>

LeBlanc TW, Abernethy AP. Patient-reported outcomes in cancer care - hearing the patient voice at greater volume. *Nat Rev Clin Oncol*. 2017;14(12):763-72. PMID: 28975931 Please see page 766 regarding clinical trials.

<https://www.ncbi.nlm.nih.gov/pubmed/28975931>

Clinical Trials – Quality of life scores

Koller M, Hjermstad MJ, Tomaszewski KA, Tomaszewska IM, Hornslien K, Harle A, Arraras JI, Morag O, Pompili C, Ioannidis G, Georgiou M, Navarra C, Chie WC, Johnson CD, Himpel A, Schulz C, Bohrer T, Janssens A, Kulis D, Bottomley A. An international study to revise the EORTC questionnaire for assessing quality of life in lung cancer patients. *Ann Oncol*. 2017;28(11):2874-81. PMID: 28945875

<https://www.ncbi.nlm.nih.gov/pubmed/28945875>

Clinical Trials – adverse event data

Lee SM, Hershman DL, Miao J, Zhong X, Unger JM, Cheung YKK. Estimating global treatment toxicity burden from adverse-event data. *Cancer*. 2018;124(4):858-64. PMID: 29112232

<https://www.ncbi.nlm.nih.gov/pubmed/29112232>

Clinical trials – availability and enrolment

Thomas SM, Malvar J, Tran H, Shows J, Freyer DR. A prospective, observational cohort study

comparing cancer clinical trial availability and enrollment between early adolescents/young adults and children. *Cancer*. 2018;124(5):983-90. PMID: 29149450

<https://www.ncbi.nlm.nih.gov/pubmed/29149450>

Spiegel ML, Goldman JW, Wolf BR, Nameth DJ, Grogan TR, Lisberg AE, Wong DJL, Ledezma BA, Mendenhall MA, Genshaft SJ, Gutierrez AJ, Abtin F, Wallace WD, Adame CR, McKenzie JR, Abarca PA, Li AJ, Strunck JL, Famenini S, Carroll JM, Tucker DA, Sauer LM, Moghadam NM, Elashoff DA, Abaya CD, Brennan MB, Garon EB. Non-small cell lung cancer clinical trials requiring biopsies with biomarker-specific results for enrollment provide unique challenges. *Cancer*. 2017;123(24):4800-7. PMID: 29125624

<https://www.ncbi.nlm.nih.gov/pubmed/29125624>

Clinical trials – precision medicine

Scagliotti GV. Implementation of precision medicine in clinical trials in thoracic oncology: Which are the hurdles? *Cancer*. 2017;123(24):4764-6. PMID: 29125618

<https://www.ncbi.nlm.nih.gov/pubmed/29125618>

Statistical controversies in clinical research series – Annals of Oncology

Rockhold FW. Statistical controversies in clinical research: data access and sharing-can we be more transparent about clinical research? Let's do what's right for patients. *Ann Oncol*. 2017;28(8):1734-7. PMID: 28383637

<https://www.ncbi.nlm.nih.gov/pubmed/28383637>

Observational studies

Yao XI, Wang X, Speicher PJ, Hwang ES, Cheng P, Harpole DH, Berry MF, Schrag D, Pang HH. Reporting and Guidelines in Propensity Score Analysis: A Systematic Review of Cancer and Cancer Surgical Studies. *J Natl Cancer Inst*. 2017;109(8). PMID: 28376195

<https://www.ncbi.nlm.nih.gov/pubmed/28376195>

Open access to journal articles in the field of oncology

Hua F, Sun H, Walsh T, Glenn AM, Worthington H. Open access to journal articles in oncology: current situation and citation impact. *Ann Oncol*. 2017;28(10):2612-7. PMID: 28961842

<https://www.ncbi.nlm.nih.gov/pubmed/28961842>

Please visit the EQUATOR website (<http://www.equator-network.org/>) to browse the 39 oncology-specific reporting guidelines currently available: http://www.equator-network.org/?post_type=eq_guidelines&eq_guidelines_study_design=0&eq_guidelines_clinical_specialty=oncology-2&eq_guidelines_report_section=0&s=

Visit the EQUATOR Oncology web page (<http://www.equator-network.org/library/equator-oncology/>) for further information and other interesting and useful references.

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