



Assessing and Advancing Progress in the
Delivery of High-Quality Cancer Care:
The Role of Patient-Reported Outcomes

Claire Snyder, PhD

Professor of Medicine, Oncology, and Health Policy & Management
Johns Hopkins Schools of Medicine and Public Health

Principal Investigator
The PROTEUS Consortium

“clinical trials and comparative effectiveness research must include data collection that reflects patient-reported outcomes”

ISOQOL recommends minimum standards for patient-reported outcome measures used in patient-centered outcomes and comparative effectiveness research

Bryce B. Reeve · Kathleen W. Wyrwich · Albert W. Wu · Galina Velikova · Caroline B. Terwee · Claire F. Snyder · Carolyn Schwartz · Dennis A. Revicki · Carol M. Moinpour · Lori D. McLeod · Jessica C. Lyons · William R. Lenderking · Pamela S. Hinds · Ron D. Hays · Joanne Greenhalgh · Richard Gershon · David Feeny · Peter M. Fayers · David Cella · Michael Brundage · Sara Ahmed

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Reporting of Patient-Reported Outcomes in Randomized Trials The CONSORT PRO Extension

Melanie Calvert, PhD
Jan Blazek, MD
Douglas C. Altman, FRC
Dennis A. Revicki, PhD
David Moher, PhD
Michael D. Brundage, MD
for the CONSORT PRO Group

The CONSORT (Consolidated Standards of Reporting Trials) Statement aims to improve the reporting of randomized controlled trials (RCTs); however, it lacks guidance on the reporting of patient-reported outcomes (PROs), which are often inadequately reported in trials, thus limiting the value of these data. In this article, we describe the development of the CONSORT PRO extension based on the methodological framework for guideline development proposed by the Enhancing the Quality and Transparency of Health Research (EQUATOR) Network. Five CONSORT PRO checklist items are recommended for RCTs in which PROs are primary or important secondary endpoints. These recommendations urge that the PROs be identified as a primary or secondary outcome in the abstract, that a description of the hypothesis of the PROs and relevant domains be provided (ie, if a multidimensional PRO tool has been used), that evidence of the PRO instrument's validity and reliability be provided or cited, that the statistical approaches for dealing with missing data be explicitly stated, and that PRO-specific limitations of study findings and generalizability of results to other populations and clinical practice be discussed. Examples and an updated CONSORT flow diagram with PRO items are provided. It is recommended that the CONSORT PRO guidance supplement the standard CONSORT guidelines for reporting RCTs with PROs as primary or secondary outcomes. Improved reporting of PRO data should facilitate robust interpretation of the results from RCTs and inform patient care.

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Making a picture worth a thousand numbers: recommendations for graphically displaying patient-reported outcomes data

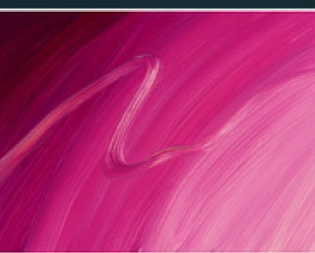
Claire Snyder^{1,2,3} · Katherine Smith^{2,3} · Bernhard Holzner⁴ · Yonaira M. Rivera² · Elissa Bantug² · Michael Brundage⁵ · PRO Data Presentation Delphi Panel

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DELIVERING HIGH-QUALITY CANCER CARE

Charting a New Course for a System in Crisis



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2013

2014

2018

2020

Clinician's Checklist for Reading and Using an Article About Patient-Reported Outcomes

Albert W. Wu, MD, MPH, FACP; Anna N. Bradford, PhD, MSW, LCSW; Vic Velanovich, MD; Mirjam A.G. Sprangers, PhD; Michael Brundage, MD, FRCP, MSc; and Claire Snyder, PhD

Abstract

Clinicians need evidence-based medicine to help them make clinical decisions with their patients. For many health problems, the goal of treatment is to help the patient to function and feel better. To measure patient functioning, well-being, and symptoms, questionnaires referred to as patient-reported outcome (PRO) measures are often used. Clinicians are generally not trained in survey design, scale development, and questionnaire administration, making it difficult for them to interpret and effectively use PROs as clinical evidence. It is increasingly important that clinicians be able to understand and use outcomes measured from both the clinical and patient perspectives to inform their practice. We aim to provide a "Clinician's Checklist" to help practicing clinicians understand clinical research articles that include PROs so that the information can be used for decision making. This checklist provides an itemization of important areas for the reader to consider in evaluating research articles. We propose that clinicians consider 5 elements when reading a study using PROs: study design and PRO assessment strategy, PRO measure performance, validity of results, context of the findings, and generalizability to their own patient population. Patient-reported outcomes play an increasingly prominent role in clinical research and practice, and this trend has the potential to improve the patient-centeredness of care. Clinicians will need to understand how to use PROs in partnership with patients and help them function and feel better. The proposed Clinician's Checklist can help clinicians systematically evaluate PRO studies by determining whether the study design was appropriate and whether the measurement approach was adequate and properly executed as well as by assisting in the interpretation and application of the results to a specific patient population.

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International standards for the analysis of quality-of-life and patient-reported outcome endpoints in cancer randomised controlled trials: recommendations of the SISAQOL Consortium

Connel Coates¹, Madeline Pir², Anyelou C. Davis³, Jeff Sloan⁴, Eileen Bouch⁵, Melanie Calvert⁶, Alison Campbell⁷, Charin Cleveland⁸, Kim Cook⁹, Laurence Collette¹⁰, Nancy Deville¹¹, Lien Dorrie¹², Hans-Henning Flechtner¹³, Carolyn Gattay¹⁴, Inga Griebsh¹⁵, Magret Groenwold¹⁶, Madeline King¹⁷, Paul G. Kjaer¹⁸, Michael Koller¹⁹, David C. Malone²⁰, Francesca Martinelli²¹, Sandra A. Mitchell²², Jennifer Z. Muscarello²³, Daniel O'Connor²⁴, Kathy Oliver²⁵, Elizabeth Piantadosi²⁶, Martine Piccart²⁷, Chantal Quinlan²⁸, Jaap C. Reijnen²⁹, Christoph Schirmann³⁰, Ashley Wilkie Smith³¹, Katherine M. Selys³², Martin J. B. Teughem³³, Galina Velikova³⁴, Andrew Bottomley³⁵, for the Setting International Standards in Analyzing Patient-Reported Outcomes and Quality of Life Endpoints Data Consortium

Patient-reported outcomes (PROs), such as symptoms, function, and other health-related quality-of-life aspects, are increasingly evaluated in cancer randomised controlled trials (RCTs) to provide information about treatment risks, benefits, and tolerability. However, expert opinion and critical review of the literature showed no consensus on optimal methods of PRO analysis in cancer RCTs, hindering interpretation of results. The Setting International Standards in Analyzing Patient-Reported Outcomes and Quality of Life Endpoints Data Consortium was formed to



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Type 1 Evidence
European Organisation for
Research and Treatment of
Cancer, Brussels, Belgium
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“A high-quality and efficient information technology infrastructure is critical to collecting these outcome data from ongoing clinical practice at the point of care,”

2017

Users' Guide to Integrating Patient-Reported Outcomes in Electronic Health Records

Prepared For PCORI By:
Johns Hopkins University, Baltimore, MD
May 2017

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The PROTEUS Guide to Implementing Patient-Reported Outcomes in Clinical Practice

A Synthesis of Resources

A Resource from the
PROTEUS
CONSORTIUM

User's Guide to Implementing Patient-Reported Outcomes Assessment in Clinical Practice

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Produced on behalf of the
International Society for Quality of Life Research by
(in alphabetical order):
Neil Arora, PhD
Thomas Elliott, MD
Jeanne Greenhalgh, PhD
Michelle Hakler, MD
Rachel Hunt, MD
Deborah Miller, PhD
Francis Rennie, PhD
Maria Soriano, PhD
Claire Snyder, PhD



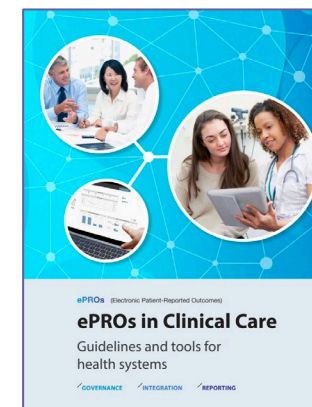
International Society for Quality of Life Research

Making a picture worth a thousand numbers: recommendations for graphically displaying patient-reported outcomes data

Claire Snyder^{1,2,3} · Katherine Smith^{2,3} · Bernhard Holzner⁴ · Yonaira M. Rivera² · Elissa Bantug³ · Michael Brundage⁵ · PRO Data Presentation Delphi Panel

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