

## Selected Readings

### PROs and PROMs in Primary Care

Baker DW and MR Chassin. 2017. Holding Providers Accountable for Health Care Outcomes. *Annals of Internal Medicine* 167(6): 418. <https://doi.org/10.7326/M17-0691>

Basch E. 2017. Patient-Reported Outcomes—Harnessing Patients’ Voices to Improve Clinical Care. *New England Journal of Medicine* 376(2): 105–8. <https://doi.org/10.1056/NEJMp1611252>

Basch E, P Torda, and K Adams. 2013. Standards for Patient-Reported Outcome–Based Performance Measures. *JAMA* 310(2): 139–40. <https://doi.org/10.1001/jama.2013.6855>

Berwick DM, S Loehrer, and C Gunther-Murphy. 2017. Breaking the Rules for Better Care. *JAMA* 317(21): 2161–62. <https://doi.org/10.1001/jama.2017.4703>

Cella D, EA Hahn, SE Jensen, Z Butt, CJ Nowinski, N Rothrock, and KN Lohr. 2015. *Patient-Reported Outcomes in Performance Measurement*. RTI International.

Chung AE and EM Basch. 2015. Potential and Challenges of Patient-Generated Health Data for High-Quality Cancer Care. *Journal of Oncology Practice* 11(3): 195–97. <https://doi.org/10.1200/JOP.2015.003715>

Hostetter M and S Klein. Using Patient-Reported Outcomes to Improve Health Care Quality. <http://www.commonwealthfund.org/publications/newsletters/quality-matters/2011/december-january-2012/in-focus>

Kroenke K, PO Monahan, and J Kean. 2015. Pragmatic Characteristics of Patient-Reported Outcome Measures Are Important for Use in Clinical Practice. *Journal of Clinical Epidemiology* 68(9): 1085–92. <https://doi.org/10.1016/j.jclinepi.2015.03.023>

National Quality Forum. 2012. Patient-Reported Outcomes in Performance Measurement. [http://www.qualityforum.org/Publications/2012/12/Patient-Reported\\_Outcomes\\_in\\_Performance\\_Measurement.aspx](http://www.qualityforum.org/Publications/2012/12/Patient-Reported_Outcomes_in_Performance_Measurement.aspx)

Nelson EC, E Eftimovska, C Lind, A Hager, JH Wasson, and S Lindblad. 2015. Patient Reported Outcome Measures in Practice. *BMJ online*. <http://www.bmj.com/content/bmj/350/bmj.g7818.full.pdf>

Porter ME, S Larsson, and TH Lee. 2016. Standardizing Patient Outcomes Measurement. *New England Journal of Medicine* 374(6): 504–6. <https://doi.org/10.1056/NEJMp1511701>

Shortell SM, BY Poon, PP Ramsay, HP Rodriguez, et al. 2017. A Multilevel Analysis of Patient Engagement and Patient-Reported Outcomes in Primary Care Practices of Accountable Care Organizations. *Journal of General Internal Medicine* 32(6): 640–47. <https://doi.org/10.1007/s11606-016-3980-z>

Weeks WB and JN Weinstein. 2015. Patient-Reported Data Can Help People Make Better Health Care Choices. *Harvard Business Review*. <https://hbr.org/2015/09/patient-reported-data-can-help-people-make-better-health-care-choices>

## **Evidence-based Assessment of PROs**

Cella D, EA Hahn, SE Jensen, Z Butt, CJ Nowinski, and N Rothrock. 2012. Methodological Issues in the Selection, Administration and Use of Patient-Reported Outcomes in Performance Measurement in Health Care Settings. National Quality Forum solicited report.

Detmar SB, MJ Muller, JH Schornagel, LDV Wever, and NK Aaronson. 2002. Health-Related Quality-of-Life Assessments and Patient-Physician Communication: A Randomized Controlled Trial. *JAMA* 288(23): 3027–34. <https://doi.org/10.1001/jama.288.23.3027>

Greenhalgh J. 2009. The Applications of PROs in Clinical Practice: What Are They, Do They Work, and Why? *Quality of Life Research* 18(1): 115–23. <https://doi.org/10.1007/s11136-008-9430-6>

Jensen RE, NE Rothrock, EM DeWitt, B Spiegel, et al. 2015. The Role of Technical Advances in the Adoption and Integration of Patient-Reported Outcomes in Clinical Care. *Medical Care* 53(2): 153–59. <https://doi.org/10.1097/MLR.000000000000289>

Santana M-J and D Feeny. 2014. Framework to Assess the Effects of Using Patient-Reported Outcome Measures in Chronic Care Management. *Quality of Life Research* 23(5): 1505–13. <https://doi.org/10.1007/s11136-013-0596-1>

Snyder CF, NK Aaronson, AK Choucair, TE Elliott, et al. 2012. Implementing Patient-Reported Outcomes Assessment in Clinical Practice: A Review of the Options and Considerations. *Quality of Life Research* 21(8): 1305–14. <https://doi.org/10.1007/s11136-011-0054-x>

## PRO Examples

Billioux A, K Verlander, S Anthony, and D Alley. 2017. *Standardized Screening for Health-Related Social Needs in Clinical Settings. The Accountable Health Communities Screening Tool*. Washington, DC: National Academy of Medicine.

Broderick JE, EM DeWitt, N Rothrock, PK Crane, and CB Forrest. 2013. Advances in Patient-Reported Outcomes: The NIH PROMIS<sup>®</sup> Measures. *eGEMS (Generating Evidence and Methods to improve patient outcomes)* 1(1): 12. <https://doi.org/10.13063/2327-9214.1015>

Duke CC, WD Lynch, B Smith, and J Winstanley. 2015. Validity of a New Patient Engagement Measure: The Altarum Consumer Engagement (ACE) Measure.<sup>TM</sup> *The Patient — Patient-Centered Outcomes Research* 8(6): 559–68. <https://doi.org/10.1007/s40271-015-0131-2>

Kroenke K. 2014. A Practical and Evidence-Based Approach to Common Symptoms: A Narrative Review. *Annals of Internal Medicine* 161(8): 579. <https://doi.org/10.7326/M14-0461>

## Goal-setting

Tinetti ME, J Esterson, R Ferris, P Posner, and CS Blaum. 2016. Patient Priority-Directed Decision Making and Care for Older Adults with Multiple Chronic Conditions. *Clinics in Geriatric Medicine* 32(2): 261–75. <https://doi.org/10.1016/j.cger.2016.01.012>

## Case Studies, Examples, Toolkits

Forsberg HH, EC Nelson, R Reid, D Grossman, et al. 2015. Using Patient-Reported Outcomes in Routine Practice: Three Novel Use Cases and Implications. *The Journal of Ambulatory Care Management* 38(2): 188. <https://journals.lww.com/ambulatorycaremanagement/pages/articleviewer.aspx?year=2015&issue=04000&article=00012&type=abstract>

International Society for Quality of Life Research. 2015. *User's Guide to Implementing Patient Reported Outcomes Assessment in Clinical Practice*. <http://www.isoqol.org/UserFiles/2015UsersGuide-Version2.pdf>

Nelson E, E Eftimovska, C Lind, A Hager, J Wasson, and S Lindblad. 2015. *Using Patient-Reported Information to Improve Health Outcomes and Health Care Value—Case Studies from Dartmouth, Karolinska and Group Health*. Lebanon, NH: Dartmouth Institute for Health Policy and Clinical Practice. [http://consumerpurchaser.org/images/documents/dartmouthdasestudies\\_pros.pdf](http://consumerpurchaser.org/images/documents/dartmouthdasestudies_pros.pdf)

Van Der Wees PJ; Nijhuis-Van Der Sanden, MW; JZ Ayanian; N Black, GP Westert; and EC Schneider. 2014. Integrating the Use of Patient-Reported Outcomes for Both Clinical Practice and Performance Measurement: Views of Experts from 3 Countries. *Milbank Quarterly* 92(4): 754–75. <https://doi.org/10.1111/1468-0009.12091>

Wu AW, RE Jensen, C Salzberg, and C Snyder. 2013. Advances in the Use of Patient Reported Outcome Measures in Electronic Health Records. Prepared for PCORI. <https://www.pcori.org/assets/2013/11/PCORI-PRO-Workshop-EHR-Landscape-Review-111913.pdf>