FOTO Research Publications

The FOTO Research Publications list is an excellent resource for clinicians, researchers, policy makers, and insurers who are interested in learning more about the reliability and validity of the FOTO patient reported outcome measures (PROMs) and the clinical application of FOTO’s database. All publications listed in this resource are included and outlined below in a Table of Contents (TOC). The TOC includes the following major categories:

1. Recent and previous peer-reviewed articles examining FOTO data over the past 3 decades. The publications support the psychometric properties of FOTO PROMs and/or their clinical application during routine clinical practice. This resource also includes studies that do not examine FOTO data directly but were published in collaboration with FOTO’s science research team,
2. Internal FOTO Research Reports to compliment and expand upon results of peer-reviewed publications.
3. Conference Presentations, and
4. Non Peer-Reviewed Publications and Other Reports

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2023 FOTO Peer-Reviewed Publications

2022 FOTO Peer-Reviewed Publications


15. Werneke M, Deutscher D, Hayes D, Grigsby D, Resnik L. Associations Between Telerehabilitation and Outcomes for Patients with Low Back Pain During the COVID-19 Pandemic. APMR 2022;103:e62

16. Werneke MW, Deutscher D, Hayes D, Grigsby D, Mioduski J, Resnik L. Is Telerehabilitation a Viable Option for Patients With Low Back Pain? Associations Between Telerehabilitation and
2021 Peer-Reviewed Publications


Additional FOTO Peer-Reviewed Publications


73. Hart DL, Werneke MW, George SZ, Deutscher D. Screening for elevated levels of depressive and somatization symptoms in patients receiving outpatient physical therapy. Qual Life Res. 2011, online first 6/10/11 http://www.springerlink.com/content/4m14515w2877n106/


89. Lord DJ, Wright JR, Fung R et al. Integrated Physical Medicine at Employer-Sponsored Health Clinics Improves Quality of Care at Reduced Cost. JOEM 2019;61,382-390.
100. Riley SP, Bialosky, Coronado RA. Are Changes in Fear-Avoidance Beliefs and Self-efficacy Mediators of Function and Pain at Discharge in Patients With Acute and Chronic Low Back Pain? JOSPT 2020;50:301-308.

101. Rodeghero J, et al., The Impact of physical therapy residency or fellowship education on clinical outcomes for patients with musculoskeletal conditions JOSPT 2015,45(2):86-96


106. Saban B, Masharawi Y. Pain threshold tests in patients with heel pain syndrome Foot Ankle Int. April 4th 2016; pages 1-7


121. Wang YC, Bhagwant S, Lehman L, Li K et al. Rasch Analysis of the Activities-Specific Balance Confidence Scale in Older Adults Seeking Outpatient Rehabilitation Services. JOSPT 2018;48(7):574-583.


with Pelvic Floor Dysfunction (PFD) seeking outpatient rehabilitation. Phys Ther. 2013; 93(8):1116-29.


Internal FOTO Research Reports

1. Advancing Measurement for Low Back Function
2. Advancing Measurement for Shoulder Function
3. FOTO Outcome Measures: Efficiency, Reliability, and Clinical Interpretation
4. Linking Measure Scores from the FOTO Neck Functional Status
   [Computer Adaptive Test (Neck CAT) and the Neck Disability Index (NDI)]
5. Crosswalk Functionality in MIPS Clinical Quality Measures #217-222 and 478: Public Access to FOTO Measures: at links: provided here
Conference Presentations

2. Brooks J, Hart DL. Use of outcomes analyses to direct continuing education needs for physical therapists. CSM 1999.
44. Jewell DV, Riddle DL. Mobilization and exercise increase the likelihood of a meaningful improvement in disability in patients with sciatica. CSM 2004.

45. Reid, E. Student Physical Therapist Clinical Outcomes as Measured with the FOTO Tool: An Observational Study. CSM Washington, DC. 2019


52. Vraa, DL. Clinical Justification to include thoracic and rib manipulations on a patient with shoulder pain who does not meet a clinical prediction rule: A single case study. CSM 2014


54. Walston, Z. Assessing the potential relationship between FOTO outcomes and total number of physical therapy treatment visits for patients with low back pain. CSM Washington, DC. 2019


Non Peer-Reviewed Publications and Other Reports

Publications Appearing in Non-peer-reviewed Journals:

1. Amato, A. Can Collection outcomes be a revenue generator for your practice? Advance for Physical Therapy and Rehab Medicine, 2016, Dec. 15

Masters Theses:

3. Schwanz LA. Health status, goal attainment, and number of visits of knee impaired physical therapy patients: a comparison of HMO vs. fee-for-service insurance plans. Southwest Texas State University, 1998.

Doctoral Dissertations: