

General health of patients presenting for osteopathy care: a consecutive sampling design using the PROMIS® Global Health measure.

Brett Vaughan¹, Jane Mulcahy², Alana Park³, Jay Paton³, Timothy Hender³, and Kylie Fitzgerald³

¹University of Melbourne

²Victoria University

³Affiliation not available

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Abstract

Rationale, aims and objectives Health-related quality of life (HRQoL) is comprised of the physical, social and mental health domains. A wide variety of single and multi-item measures of HRQoL are available. The PROMIS® V1.2 Scale – Global Health is a 10-item measure covering the physical, social and mental health domains. The aim of the study was to explore the use of the PROMIS® V1.2 Scale – Global Health in a patient cohort seeking care for a musculoskeletal care. Method Patients an osteopathy clinic (Melbourne, Australia) were invited to complete the PROMIS® V1.2 Scale – Global Health along with other health demographics prior to their initial consultation. The PROMIS® V1.2 Scale – Global Health was scored as per the instructions. Inferential and correlation statistics were used to explore associations with patient age, gender and complaint chronicity. Results Three hundred and ninety-five (n=395) completed the PROMIS® V1.2 Scale – Global Health scale. The Physical Health mean T-score was 46.04 (+/- 6.06) and the Mental Health mean T-score was 49.38 (+/- 7.26). Age and complaint chronicity were not significantly different for both the Physical and Mental health T-scores. Physical health mean T-scores were lower for female patients compared to males with a medium effect size ($p < 0.01$, $d = 0.31$). Conclusion(s) Physical health scores were lower than the American general population norm. However, this is to be expected to given the patient cohort sought care for a musculoskeletal complaint. The PROMIS® V1.2 Scale – Global Health has the potential to be utilised as a patient-reported outcome measure for those patients seeking musculoskeletal care.

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