

00011 A Qualitative Study of Quality of Life Domains and Subdomains Relevant to Patients With Spondyloarthritis

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Aims: To identify quality of life (QoL) domains and subdomains relevant to patients with different Spondyloarthritis (SpA) subtypes in Singapore, and to assess how identified QoL domains and subdomains map onto currently used patient - reported outcome measures (PROMs).

Methodology: Nine focus group discussions (FGDs), including two previously conducted FGDs from the Updating the Psoriatic Arthritis Core Domain Set Study, were conducted with patients with SpA in Singapore. The FGDs were organized by SpA subtype and language spoken.

All FGDs were audio - taped, transcribed verbatim. After thematic analysis through open and axial coding, the domains were organized using the World Health Organization Quality of Life (WHOQOL) framework. Identified QoL domains and subdomains were mapped to currently used PROMs.

Result: The 9 FGDs included 51 patients. In total, 27 domains and 92 subdomains were identified and then organized within the 7 broad categories of the WHOQOL framework. Patients in Singapore were more concerned about “financial resources”, “work satisfaction” and “positive feelings” while less concerned about “freedom, physical safety and security” than patients in western countries. “Home environment” and “work satisfaction” emerged as unique QoL domains relevant to patients with axial SpA (axSpA). PROMs for psoriatic arthritis (PsA) can capture both identified domains of PsA and axSpA.

Conclusion: A wide range of QoL domains and subdomains are relevant to SpA patients in Singapore, and there appears to be minimal differences in their relative importance between SpA subtypes. This study supports the development and validation of common QoLspecific PROMs for usage in SpA.