## SUPPLEMENTARY MATERIAL

## **Assessment of PROs**

PtGA-VAS and Pain-VAS (range 0–100 mm; higher scores indicate increased arthritis disease activity; MCID: decrease from baseline  $\geq 10 \text{ mm}$ )[1, 2] were evaluated at baseline, Week 2, and Months 1, 2, 3, 4 and 6. Additionally, the following PROs were evaluated at baseline, Months 1, 3 and 6, and the percentages of patients reporting improvements  $\geq$ MCID analysed: [3-9] PGJS-VAS, ie patient global, separate joint and skin scores (range 0–100 mm: MCID: decrease from baseline  $\geq 10 \text{ mm}$ ;[1] SF-36v2 PCS and MCS component summary (MCIDs: PCS and MCS:  $\geq 2.5$  points) and eight domain scores (norm-based scale; higher scores indicate higher level of functioning or well-being; PF, RP, BP, GH, VT, SF, RE, MH; MCID for all domain scores:  $\geq 5.0$  points); [3, 4] FACIT-Fatigue Total score (range 0–52; higher scores indicate less fatigue; MCID:  $\geq$ 4.0 points);[10] EQ-5D-3L dimensions scores (mobility, self-care, usual activities, pain/discomfort, anxiety/depression [range 1-3; higher score indicates poorer HRQoL]); overall health state, evaluated using EQ-VAS (0–100 mm; higher scores indicate better health status);[11] ASQoL (eg motivation, daily activities, mood independence and social interactions; range 0–18; higher score indicates poorer HRQoL; MCID: decrease from baseline  $\geq$ 1.8 points).[12] HAQ-DI is also reported here, in addition to being reported previously (range 0–3; higher scores indicate greater functional impairment; MCID: decrease from baseline  $\geq 0.35$  points). Normative scores were calculated for: HAQ-DI  $\leq 0.25$ ; FACIT-Fatigue  $\geq 40.1$ ; SF-36v2 component and domain scores  $\geq 50$ .

## REFERENCES

1. Cauli A, Gladman DD, Mathieu A, et al. Patient global assessment in psoriatic arthritis: a multicenter GRAPPA and OMERACT study. *J Rheumatol* 2011;38:898-903.

2. Dworkin RH, Turk DC, Wyrwich KW, et al. Interpreting the clinical importance of treatment outcomes in chronic pain clinical trials: IMMPACT recommendations. *J Pain* 2008;9:105-21.

3. Strand V, Boers M, Idzerda L, et al. It's good to feel better but it's better to feel good and even better to feel good as soon as possible for as long as possible. Response criteria and the importance of change at OMERACT 10. *J Rheumatol* 2011;38:1720-7.

4. Ware JE, Kosinski M, Bjorner JB, et al. User's Manual for the Sf-36v2 Health Survey. 2nd ed. Lincoln, RI: Quality Metric Incorporated, 2007.

5. Deodhar AA, Dougados M, Baeten DL, et al. Effect of Secukinumab on Patient-Reported Outcomes in Patients With Active Ankylosing Spondylitis: A Phase III Randomized Trial (MEASURE 1). *Arthritis Rheumatol* 2016;68:2901-10.

6. Kavanaugh A, Menter A, Mendelsohn A, et al. Effect of ustekinumab on physical function and health-related quality of life in patients with psoriatic arthritis: a randomized, placebo-controlled, phase II trial. *Curr Med Res Opin* 2010;26:2385-92.

7. Mease PJ, Woolley JM, Bitman B, et al. Minimally important difference of Health Assessment Questionnaire in psoriatic arthritis: relating thresholds of improvement in functional ability to patient-rated importance and satisfaction. *J Rheumatol* 2011;38:2461-5.

8. Orbai A-M, Ogdie A. Patient reported outcomes in psoriatic arthritis. *Rheum Dis Clin North Am* 2016;42:265-83.

2

9. Strand V, Lee EB, Fleischmann R, et al. Tofacitinib versus methotrexate in rheumatoid arthritis: patient-reported outcomes from the randomised phase III ORAL Start trial. *RMD Open* 2016;2:e000308.

10. Chandran V, Bhella S, Schentag C, et al. Functional assessment of chronic illness therapy-fatigue scale is valid in patients with psoriatic arthritis. *Ann Rheum Dis* 2007;66:936-9.

11. EuroQoL Group. EuroQol--a new facility for the measurement of health-related quality of life. *Health Policy* 1990;16:199-208.

12. Doward LC, Spoorenberg A, Cook SA, et al. Development of the ASQoL: a quality of life instrument specific to ankylosing spondylitis. *Ann Rheum Dis* 2003;62:20-6.