Supplemental material

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*RMD Open*

Supplementary table 1: Characteristics of included patients: (i) axSpA with psoriasis stratified into HLA-B27 positive vs. negative , (ii) PsA fulfilling clinical definition of axial manifestation stratified into HLA-B27 positive vs. negative, (iii) PsA fulfilling imaging definition stratified into HLA-B27 positive vs. negative.

| | axSpA with psoriasis | | axPsA positive clinical definition | | axPsA positive imaging definition | |
|---|---|---|---|---|---|---|
| | HLA+ | HLA- | HLA+ | HLA- | HLA+ | HLA- |
| n | 111 | 54 | 48 | 165 | 35 | 109 |
| Female gender, n (%) | 36 (32) | 31 (57) | 27 (56) | 99 (60) | 19 (54) | 64 (59) |
| Age, mean (SD) | 46.1 (12.8) | 46.4 (12.4) | 46 (11.9) | 52 (10.9) | 48.3 (11.9) | 52.8 (11.1) |
| Symptom duration, mean (SD) | 17.2 (12.5) | 9.4 (9.1) | 13.3 (12.7) | 10 (9.8) | 13.5 (12.6) | 10.3 (9) |
| Disease duration, mean (SD) | 9.6 (10.9) | 3.5 (4) | 8.4 (7.9) | 6.4 (8.2) | 8.8 (8.2) | 6.1 (6.9) |
| CRP mg/l, mean (SD) | 10.3 (15.8) | 12.1 (18.2) | 12.2 (20.5) | 7.3 (9.6) | 9 (20) | 6 (6.5) |
| CRP >=5 mg/L, n (%) | 45 (45) | 21 (42) | 21 (50) | 55 (35) | 11 (35) | 40 (40) |
| BMI, mean (SD) | 28.3 (5.4) | 28.3 (6) | 27.9 (5.7) | 29 (6.5) | 27.7 (5.8) | 28.5 (6.2) |
| Obesity (BMI>=30), n (%) | 35 (34) | 20 (38) | 13 (27) | 61 (37) | 9 (26) | 36 (34) |
| peripheral manifestations, n (%) | 31 (28) | 26 (48) | 35 (73) | 143 (87) | 28 (80) | 100 (92) |
| Uveitis, ever, n (%) | 22 (20) | 4 (7) | 8 (17) | 1 (1) | 6 (17) | 1 (1) |
| IBD, ever, n (%) | 7 (6) | 6 (11) | 3 (6) | 8 (5) | 2 (6) | 5 (5) |
| physician global disease activity (NRS), mean (SD) | 5.9 (2.2) | 5.3 (2) | 5.5 (1.8) | 5.5 (1.9) | 5.4 (1.9) | 5.4 (1.9) |
| patient global disease activity (NRS), mean (SD) | 5.7 (2.4) | 5.7 (2.7) | 6 (2.3) | 5.9 (2.4) | 5.8 (2) | 5.9 (2.3) |
| patient pain (NRS), mean (SD) | 5.7 (2.4) | 5.8 (2.5) | 5.5 (2.7) | 5.8 (2.3) | 5.5 (2.6) | 5.7 (2.2) |
| Sleep disorder (NRS), mean (SD) | 5.7 (3) | 5.8 (2.7) | 5.2 (3.4) | 5.7 (3) | 4.5 (3.7) | 5.8 (2.9) |