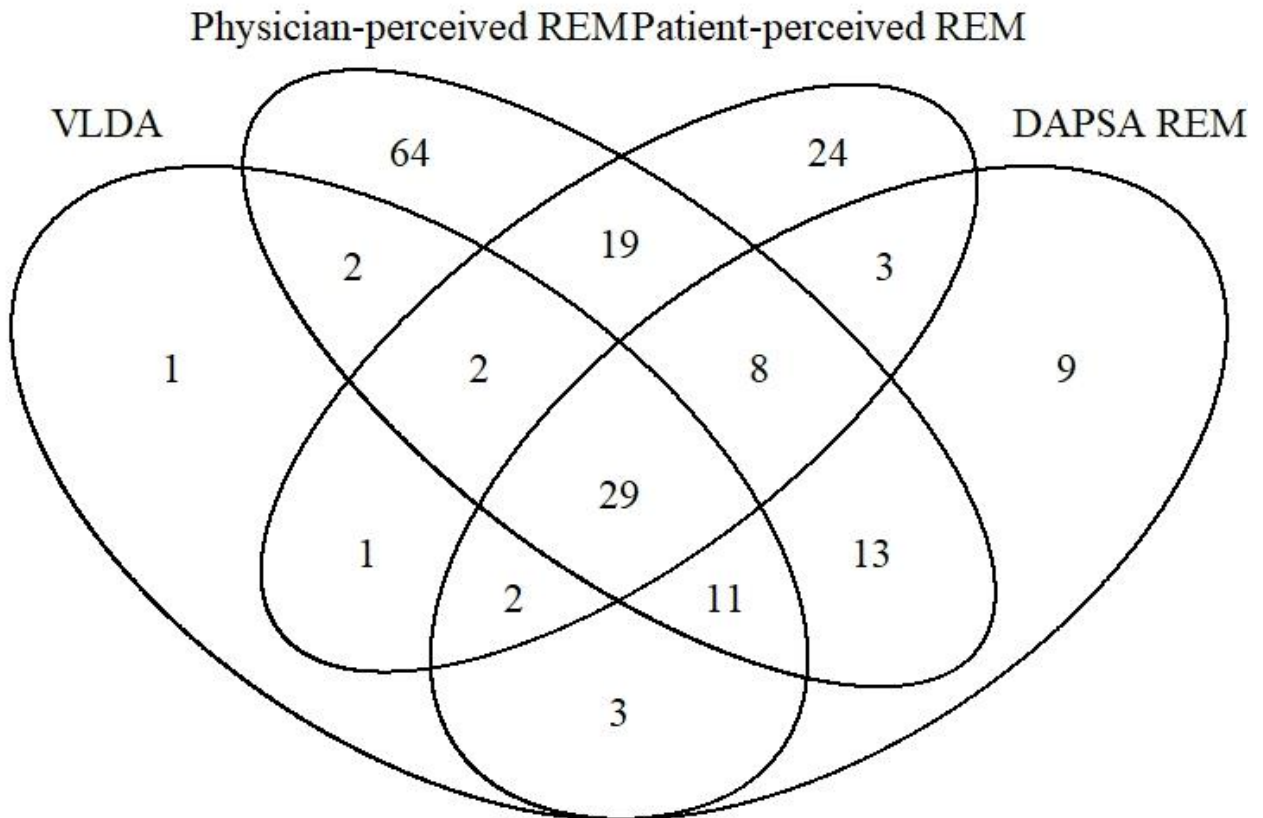


**Online supplementary Figure 1 Venn diagram representing the number of patients meeting different REM criteria among 410 PsA patients**



REM: Remission; VLDA: Very Low Disease Activity; DAPSA: Disease Activity Index for Psoriatic Arthritis.

The concordance between composite scores and patient-perceived REM was only moderate. Of 88 patients in patient-perceived REM, 34 (38.6%) met VLDA criteria, 42 (47.7%) were in DAPSA-REM, 43 (48.9%) were not in REM according to any composite score and 58 (65.9%) were in physician-perceived REM. Physician-perceived REM was the least stringent definition with 64/148 (43.2%) patients in physician-perceived REM, who were not in REM according to any other definition. Of 51 patients meeting VLDA criteria, 34 (66.7%) were in patient-perceived REM and of 78 patients in DAPSA REM, 42 (53.8%) were in patient-perceived REM. Furthermore, only 58/178 (32.6%) patients in patient perceived REM, were also in physician-perceived REM (and of these, 37, 63.8% were in DAPSA-REM and 31, 53.4% were in VLDA).