Supplementary Figures

Figure S1. DAPSA distribution of 30 patients selected for survey. Each red dot represents one patient; x-axis displays DAPSA values.

Figure S1.
Figure S2. Definition of response levels for the clinical DAPSA (cDAPSA); Cohen’s Kappa analysis. Agreement of cDAPSA percent change (x-axis) with ACR 20% (blue lines), ACR 50% (red lines), ACR 70% (green lines) and PsARC (brown lines) Upper panels show response after 3 months, lower panels: response after 6 months. Left panels display analyses of separate trials: ADEPT, GO-REVEAL and IMPACT. Right panels show pooled results of all treatment groups in three trials (N=425). Placebo groups were excluded in all analyses. X-axis: relative change of cDAPSA from baseline in percent; y-axis: Cohen’s Kappa in comparison with the respective comparator. The table specifies the respective peak agreement between percent cDAPSA change from baseline (% change) on the one hand, and ACR20/50/70, or PsARC on the other; κ=Cohen’s Kappa; BL=baseline. (Addendum to Figure 2 in main manuscript)
Figure S3. Discriminant validity of cutpoints in Chi-square analysis: separate analyses of ADEPT, IMPACT and GO-REVEAL. (Addendum to Figure 4 in main manuscript). Chi-square tests for each DAPSA cutpoint as a measure of strength of discrimination between response in treatment and placebo arms. X-axis displays DAPSA percent change from baseline. Panels show analyses of ADEPT (upper panels), IMPACT (middle) and GO-REVEAL (lower panels). Y-axis indicates p values of Chi-square analyses. Vertical lines indicate newly established cutpoints at DAPSA thresholds of 50/75/85 percent change from baseline: results of Chi-square tests for the derived thresholds for a DAPSA change of 50%, 75%, and 85% after 3 months, and after 6 months are specified (green numbers); y-axis shows corresponding p-values; BL=baseline.
**Figure S4.** ROC analyses of DAPSA relative change in relation to the corresponding ACR-response definition. Area under the curve in receiver operating curves (ROC) analyses comparing DAPSA relative change after 6 months with ACR20 (left panel), ACR50 (middle panel), ACR70 (right panel). X-axis shows the rate of false positives (1-specificity), y-axis shows true positive rate (sensitivity).