

## Disease Activity Score 28

### DAS28

To optimize care, the Disease Activity Score 28 (DAS28) measures disease activity in rheumatoid arthritis (RA) and tracks results over time.

Assessments of tender joint count (TJC) and swollen joint count (SJC) in the specified joints are combined with erythrocyte sedimentation rate (ESR) and global health (GH) assessments to produce the DAS28 score (see below), which correlates with the extent of disease activity.

$$\text{DAS28-ESR} = 0.56 + 0.28 + 0.70[\ln(\text{ESR})] + 0.014(\text{GH})$$

DAS28	Implication
≤ 2.6	Disease remission
> 2.6 to 3.2	Low disease activity
> 3.2 to 5.1	Moderate disease activity
> 5.1	High disease activity

### References

Smolen JS, Breedveld FC, Schiff MH, et al. A simplified disease activity index for rheumatoid arthritis for use in clinical practice. *Rheumatology*. 2003;42(2):244-257.  
 DAS 28-CRP Calculator. American College of Rheumatology. <http://www.das-score.nl/das28/DAScalculators/dascalculators.html>. Accessed October 5, 2020.