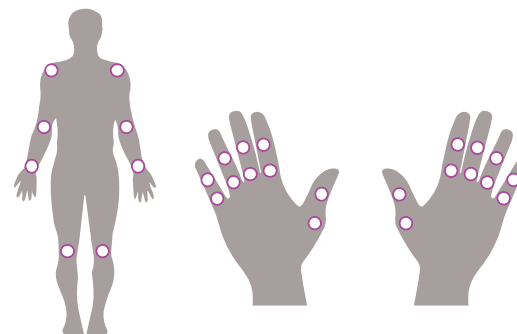


# Simplified Disease Activity Index

## SDAI

The easy to calculate simplified disease activity index (SDAI) is a useful tool for the routine clinical assessment of RA disease activity.

To calculate SDAI, add the TJC28 (tender joint count using 28-joint counts), SJC28 (swollen joint count using 28-joint counts), patient global assessment of disease activity (PGA), evaluator global assessment of disease activity (EGA), and C-reactive protein (CRP) levels.



SDAI = TJC28 + SJC28 + PGA + EGA + CRP				
Tender and Swollen Joint Count				
Joint	Tender		Swollen	
	Left	Right	Left	Right
Shoulder				
Elbow				
Wrist				
MCP 1				
MCP 2				
MCP 3				
MCP 4				
MCP 5				
PIP 1				
PIP 2				
PIP 3				
PIP 4				
PIP 5				
Knee				
Total	TJC:		SJC:	

MCP = metacarpophalangeal joint of the hand  
PIP = proximal interphalangeal joint of the hand

Calculate SDAI		
Variable	Range	Value
TJC	0-28	
SJC	0-28	
PGA	0-10	
EGA	0-10	
CRP (mg/dl)	0-10	
<b>SDAI (TJC28 + SJC28 + PGA + EGA + CRP)</b>	<b>0-86</b>	

Score Interpretation	
SDAI	Implication
≤ 3.3	Disease remission
> 3.3 to 11	Low disease activity
> 11 to 26	Moderate disease activity
> 26	High disease activity

Patient Global Assessment of Disease Activity (PGA)										
0	1	2	3	4	5	6	7	8	9	10

No Disease Activity

Maximal Disease Activity

Evaluator Global Assessment of Disease Activity (EGA)										
0	1	2	3	4	5	6	7	8	9	10

No Disease Activity

Maximal Disease Activity

## References

Smolen JS, Aletaha D, Barton A, et al. Rheumatoid arthritis. *Nat Rev Dis Prim.* 2018;4:1-23.  
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.