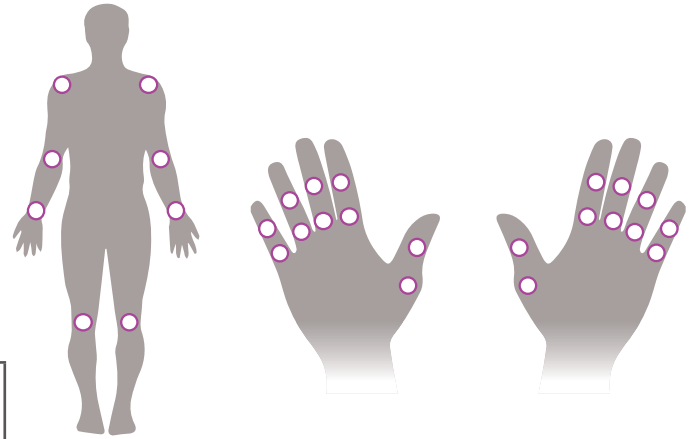


Clinical Disease Activity Index

CDAI

The clinical disease activity index (CDAI) can be assessed using only variables that can be immediately evaluated, making it a useful tool to evaluate RA disease activity. To calculate CDAI, 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), and evaluator global assessment of disease activity (EGA).



$$\text{CDAI} = \text{TJC28} + \text{SJC28} + \text{PGA} + \text{EGA}$$

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 CDAI

Variable	Value
TJC	
SJC	
PGA	
EGA	
CDAI (TJC28 + SJC28 + PGA + EGA)	

Score Interpretation

CDAI	Implication
≤ 2.8	Disease remission
> 2.8 to 10	Low disease activity
> 10 to 22	Moderate disease activity
> 22	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.