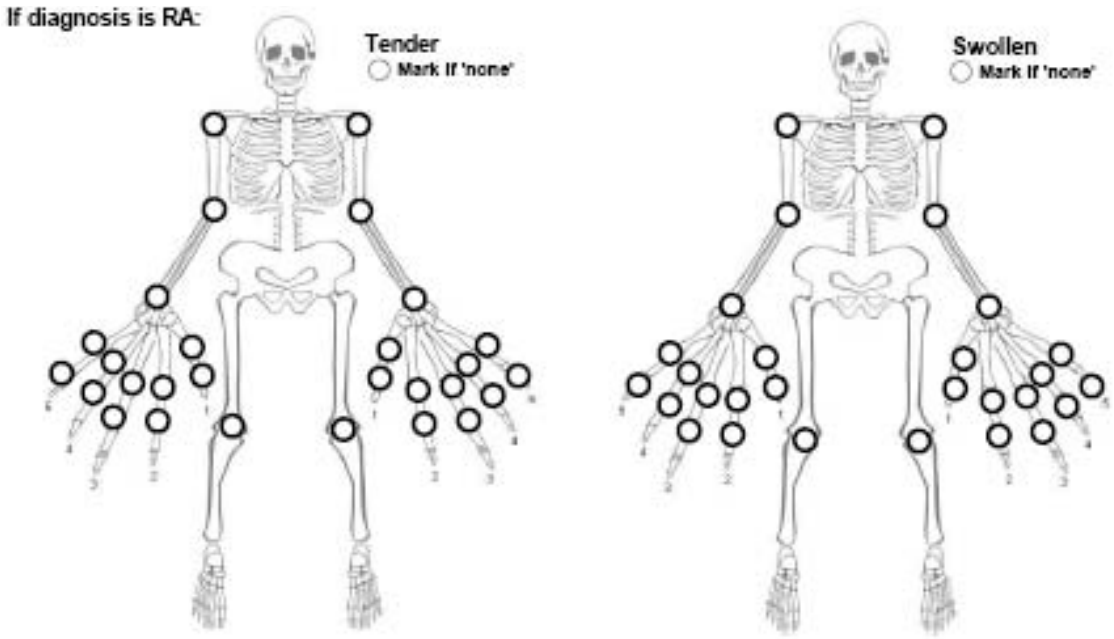
Disease Activity Score in 28 Joints (DAS28)

Patient global assessment
Considering all the ways in which illness and health may affect you at this time, please indicate below how you are doing:

VERY WELL |————————————————————————| **VERY POORLY**

FOR PROVIDER USE ONLY



VAS (0-100)

28TJC

28SJC

ESR

DAS28

DAS28=0.56*√(28TJC) + 0.28 * √(28SJC) + 0.70*Ln(ESR/CRP) + 0.014*VAS

How to calculate a DAS28 score:

1. Ask the patient to make a vertical mark on a 100 mm Visual Analog Scale (VAS) corresponding to their general health or global disease activity. Using a ruler, measure from the left-hand side in mm. Note: DAS28 calculations may be performed without a VAS measurement.
2. Perform a swollen and tender joint examination on your patient. Add all of the swollen and tender joints and record the totals in the appropriate boxes.
3. Erythrocyte Sedimentation Rate (ESR) should be measured (in mm/hour). Note: C-reactive protein (CRP) levels may be used as a substitute for an ESR.
4. Plug the appropriate values into the formula (many online calculators are available including http://www.das-score.nl/www.das-score.nl/dasculators.html).
5. If using CRP instead of ESR or calculating a score from only 3 variables please see http://www.reuma-nijmegen.nl/www.das-score.nl/ for the appropriate formula.

Interpretation:

- The DAS28 provides you with a number on a scale from 0 to 10 indicating current RA disease activity.
- Remission: DAS28 ≤ 2.6
- Low Disease activity: 2.6 < DAS28 ≤ 3.2
- Moderate Disease Activity: 3.2 < DAS28 ≤ 5.1
- High Disease Activity: DAS28 >5.1

Adapted from: DAS-Score.nl. Available at http://www.das-score.nl/www.das-score.nl/index.html. Accessed April 15, 2010.