

## American College of Rheumatology (ACR) Response Criteria

The American College of Rheumatology (ACR) response criteria is a composite measure used to determine the effectiveness of rheumatoid arthritis (RA) medications and treatments in clinical trials. ACR20, ACR50, and ACR70 reflect the extent of improvement in disease activity, as follows:

### ACR20

<b>ACR20</b>
<input type="checkbox"/> At least 20% improvement in the number of tender and swollen joints
<b>AND</b> 20% improvement in at least three of the following:
<input type="checkbox"/> Patient global assessment
<input type="checkbox"/> Physician global assessment
<input type="checkbox"/> Functional questionnaire (Health Assessment Questionnaire)
<input type="checkbox"/> Pain score
<input type="checkbox"/> Erythrocyte sedimentation rate or C-reactive protein level

## American College of Rheumatology (ACR) Response Criteria (cont.)

### ACR50

<b>ACR50</b>
<input type="checkbox"/> At least 50% improvement in the number of tender and swollen joints
<b>AND</b> 50% improvement in at least three of the following:
<input type="checkbox"/> Patient global assessment
<input type="checkbox"/> Physician global assessment
<input type="checkbox"/> Functional questionnaire (Health Assessment Questionnaire)
<input type="checkbox"/> Pain score
<input type="checkbox"/> Erythrocyte sedimentation rate or C-reactive protein level

# American College of Rheumatology (ACR) Response Criteria (cont.)

## ACR70

<b>ACR70</b>
<input type="checkbox"/> At least 70% improvement in the number of tender and swollen joints
<b>AND</b> 70% improvement in at least three of the following:
<input type="checkbox"/> Patient global assessment
<input type="checkbox"/> Physician global assessment
<input type="checkbox"/> Functional questionnaire (Health Assessment Questionnaire)
<input type="checkbox"/> Pain score
<input type="checkbox"/> Erythrocyte sedimentation rate or C-reactive protein level

## References

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