

INDICATION

Categorises severity of Ankylosing Spondylitis (AS) using clinical findings and biochemical results including ESR

INTERPRETATION

SCORE	DISEASE ACTIVITY
<1.3	Inactive
1.3-2.0	Low
2.1-3.5	High
>3.5	Very high

ADDITIONAL INFORMATION

Back pain	Ask the patient: "How would you describe the overall level of AS neck, back, or hip pain you have had?"
Morning stiffness	Ask the patient: "How would you describe the overall level of morning stiffness you have had from the time you wake up?"
Patient global assessment of disease activity	Ask the patient: "How active was your spondylitis, on average, during the last week?"
Peripheral pain/swelling	Ask the patient: "How would you describe the overall level of pain/swelling in joints other than neck, back, or hips you have had?"

CALCULATION

$$\text{ASDAS-ESR} = (0.08 \times \text{back pain}) + (0.07 \times \text{duration of morning stiffness}) + (0.11 \times \text{patient global assessment of disease activity}) + (0.09 \times \text{Peripheral pain/swelling}) + (0.29 \times \sqrt{\text{ESR}})$$