

# BASMI

## (Bath Ankylosing Spondylitis Metrology Index)

The Bath Ankylosing Spondylitis Metrology Index (BASMI) consists of 5 clinical measurements to reflect axial status. Two of these five measurements are required for initial applications for PBS-subsidised treatment with a TNF  $\alpha$  antagonist for ankylosing spondylitis.

**Lumbar Flexion**— modified Schobers test is performed. The lumbosacral junction (the line joining the dimples of Venus) is marked. Another mark is placed 5cm below and 10cm above the lumbosacral junction whilst the patient stands erect. The patient is then asked to bend forward as far as possible whilst keeping their knees straight. The increase between the uppermost and lowermost mark is recorded. This measurement is the lumbar flexion in centimetres.

**Lumbar Side Flexion**—The fingertip to floor distance of the patient in full lateral flexion without forward flexion or bending their knees is recorded. This is accomplished by using a rule mounted on a floor stand and having the patient run their outstretched hand down the rule as they flex. The difference between the measurement of the fingertip (third finger) position in an erect posture to full lateral flexion is measured and recorded in centimetres.

### BASMI score

Score	0	1	2
Lumbar Flexion	>4cm	2 to 4 cm	<2cm
Lumbar SideFlexion	>10cm	5 to 10 cm	<5cm