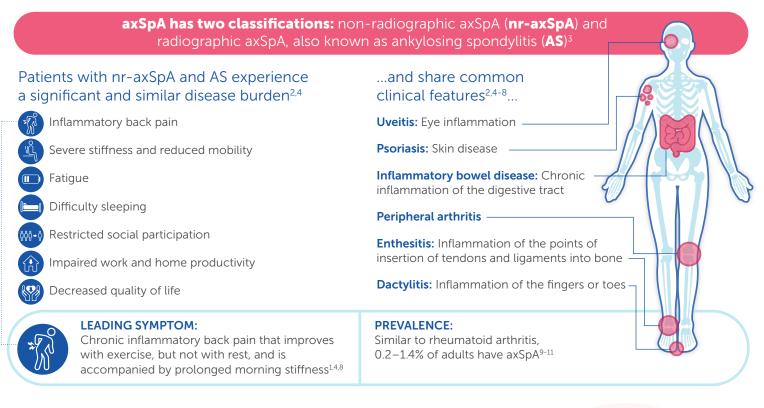
Axial Spondyloarthritis in Women*

axSpA is a painful chronic inflammatory disease that primarily affects the spine and sacroiliac joints (SIJs)^{1,2}



Why has AS historically been viewed as a male disease?¹²



Overall, women may have less structural damage in both the SIJs and the spine, making AS more prominent in men.¹²⁻¹⁴

nr-axSpA is more prevalent

Despite differences in sacroiliac or spinal radiographic progression...

The burden of nr-axSpA and AS on patients is similar¹²

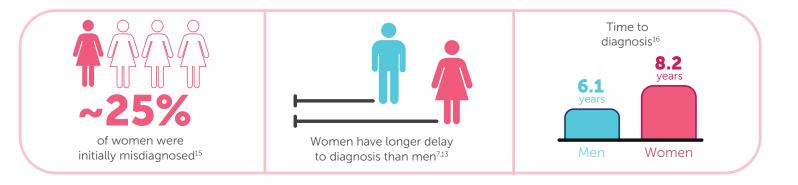
Women may have a greater disease burden than men, regardless of classification¹²

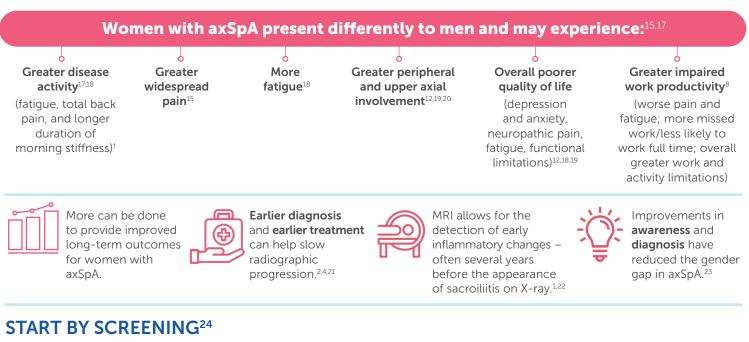
Radiographic sacroiliitis may take years to develop or may never develop in women...

• Diagnosis of axSpA in women is frequently delayed or never made¹²

But...

in women.¹²⁻¹⁴





Ask your patient:

- O Do they have chronic back pain that has lasted 3 or more months?
- O Did the pain start before they were 45 years of age?

AND

Does your patient present with one or more of the following?

- ◯ Inflammatory back pain (including morning stiffness that lasts longer than 30 minutes⁴)[‡]
- Human leucocyte antigen-B27 positivity
- Sacroiliitis on imaging, if available (on X-rays or MRI)[§]
- OPeripheral manifestations (in particular arthritis, enthesitis and/or dactylitis)
- EAMs (psoriasis, inflammatory bowel disease and/or uveitis)[¶]
- Positive family history for SpA[¶]
- ◯ Good response to NSAIDs[¶]
- Elevated acute phase reactants[#]



If your patient has had chronic back pain that has lasted 3 or more months that started before the age of 45 **AND** they have at least one of these features, consider referring them to a rheumatologist.

Abbreviations: AS=ankylosing spondylitis; axSpA=axial spondyloarthritis; EAM=extra-articular manifestation; MRI=magnetic resonance imaging; nr-axSpA=non-radiographic axSpA; NSAIDs=non-steroidal anti-inflammatory drugs; SIJs=sacroiliac joints.

- * For the purposes of this tool, "women" refers to people of the female sex.
- \dagger As measured by BASDAI (Bath Ankylosing Spondylitis Disease Activity Index). 17
- \pm Any set of criteria, preferably ASAS definition of inflammatory back pain: at least four out of five parameters present: (1) age at onset \leq 40 years; (2) insidious onset; (3) improvement with exercise; (4) no improvement with rest; and (5) pain at night (with improvement upon getting up).²⁴
- I Only if imaging available, not recommended as a routine screening parameter.²⁴
 I According to the definition applied in the classification criteria for axial spondyloarthritis:²⁴
- Arthritis: past or present active synovitis diagnosed by a physician.
- Enthesitis (heel): past or present spontaneous pain or tenderness at examination of the site of the insertion of the Achilles tendon or plantar fascia at the calcaneus. Dactylitis: past or present dactylitis, diagnosed by a physician.
- Extra-articular manifestation: past or present psoriasis, inflammatory bowel disease and/or uveitis anterior, confirmed by a physician.
- Good response NSAIDs: 24-48 h after a full dose of a NSAID the back pain is not present any more or is much better.
- Family history of SpA: presence in first-degree (mother, father, sisters, brothers, children) or second-degree (maternal and paternal grandparents, aunts, uncles,
- nieces and nephews) relatives of any of the following: (1) ankylosing spondylitis; (2) psoriasis; (3) acute uveitis; (4) reactive arthritis; and (5) inflammatory bowel disease.
- # C-reactive protein serum concentration or erythrocyte sedimentation rate above upper normal limit after exclusion of other causes for elevation.²⁴

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