ANKYLOSING SPONDYLITIS (AS): PATIENT JOURNEY

Ankylosing spondylitis (AS) can impact your ability to carry out daily activities. This patient journey will help you better understand how to manage your symptoms, practice self-management techniques and inform your follow up appointments with your healthcare provider.

**Symptoms**
You are under the age of 45 and experience back pain that gets better with activity and worse with rest. Symptoms may also include:
- Joint pain
- Psoriasis (a skin condition)
- Eye inflammation
- Inflammatory bowel disease (IBD)

**Healthcare Provider Visit**
Visit your doctor or nurse practitioner, who will ask about your symptoms, perform a physical exam and may order blood tests and X-rays. If needed, advocate for yourself to help ensure you are able to get some answers about the cause of your pain. Seeing a specialist may take some time.

**Specialist Referral**
You are referred to a rheumatologist for suspected inflammatory arthritis.

**Rheumatologist Visit & Tests**
Your appointment with a rheumatologist will include:
- A review of your medical history, including your new joint symptoms
- A general physical examination
- A joint and spine examination

**Initial Treatment: Self-Management**
Start your treatment with low-intensity, low-impact exercises to combat joint and spinal stiffness, along with heat and spinal stretches. A healthy diet may also help to reduce inflammation. Along with physical activity and nutrition, allied professional healthcare services such as physiotherapy and occupational therapy can help with your self-management.

**Initial Treatment: Medication**
Your first line of medication therapy begins with oral non-steroidal anti-inflammatory medications (NSAIDs). This may include at least 2 different NSAIDs taken consecutively for several weeks each (examples include naproxen, diclofenac, ibuprofen, meloxicam, celecoxib, and indomethacin). You can expect follow-up lab tests and frequent monitoring of spinal mobility and symptoms to assess the effectiveness and side effects of treatment.

**Follow-Up Visit**
Visit your rheumatologist for follow-up every 3-12months to:
- Assess the status of your AS
- Review your immunization status and cardiovascular risk
- Perform additional lab and imaging tests, if required

**Diagnosis**
You are diagnosed with ankylosing spondylitis or the related condition non-radiographic axial spondyloarthropathy.

**Learn More About AS**
You can learn more about AS through:
- Arthritis Society (arthritis.ca)
- Credible information resources, such as rheuminfo.com and rheumatology.org
- Your healthcare team: rheumatologist, family doctor, physiotherapist, occupational therapist, rheumatology nurse, pharmacist, dietitian, social worker

**Monitoring & Follow-Up**
Once treatment has stabilized your AS, your rheumatologist will continue monitoring your condition. Do not stop any medications, or change how much of your medication you take, until you discuss it with your rheumatologist. Symptoms may return if certain medications are stopped. Continue your self-management through staying active and eating well.

**As Still Active**
If your symptoms are persistent and 2 NSAIDs have not helped, other strategies should be considered. Your rheumatologist can start you on a DMARD (Disease-Modifying Anti-Rheumatic Drug) to help with peripheral joint pain: sulfasalazine.

**As Stabilized**
Your rheumatologist can add biologics or other targeted treatments:
- TNF inhibitors (adalimumab, certolizumab pegol, etanercept, golimumab, infliximab)
- IL-17 inhibitor (ixekizumab, secukinumab)

You may need to be screened for tuberculosis and your treatment may require injections under the skin or infusions into a vein.

**Additional Treatment**
There is an ongoing need for you to visit your rheumatologist to consider the use of different biologic (or targeted) treatment until your AS is well controlled.