

Chronic Disease Management • Rehabilitation • Health & Wellbeing

What is Multiple Sclerosis (MS)?

Multiple Sclerosis (MS) is a chronic neurological disease. Most patients are commonly diagnosed between the ages of 20 and 40. MS affects 2-3 times as many women as men and is characterised by random autoimmune attacks of and damage to the insulating myelin sheath (demyelinisation) of the central nervous system and to motor axons (nerve fibres). Lesions in myelin can be present in the cerebral hemispheres, brainstem, and spinal cord. This demyelinisation negatively affects rapid smooth coordinated movement. MS is diagnosed by patient history of attacks, MRI of the brain and spinal cord and analysis of spinal fluid during disease flare-ups for specific antibodies.

Common signs and symptoms include:

- Fatique
- Spasticity
- Poor coordination
- Impaired balance
- Weakness and paresis

- Sensory loss and numbness
- Cardiovascular dysautonomia
- Tremor
- Impaired sudomotor function (reduced sweating response)
- Heat sensitivity
- Blurry vision
- Bladder dysfunction
- Cognitive and memory defects

BENEFITS OF EXERCISE

reduce tolerated exercise intensity and duration.

- Improved quality of life

References

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GOT A QUESTION?

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