

# Arthritis and Musculoskeletal Conditions

## EXERCISE PRESCRIPTION

Regular, moderate exercise aids in the prevention of musculoskeletal conditions and offers a host of benefits to people with arthritis and osteoporosis. Exercise can reduce joint pain and stiffness, builds strong muscle around the joints, and increases flexibility and endurance.

Weight-bearing exercise assists in the maintenance of bone mass. Therefore, regular exercise such as walking, jogging, tennis or aerobic classes is recommended to help in the prevention of osteoporosis.

The highly skilled physiotherapists in our practice can design tailored exercise and aquatic programs to increase physical activity and function without aggravating any coexisting problems.

We also provide realistic advice to encourage self-management and build self-confidence to allow patients to make decisions in coping with their condition.

**Before any action is taken your APA physiotherapist will assess your condition, diagnose the problem, and help you understand what's wrong.**

**The APA physiotherapist will work with you to develop a treatment plan that takes into account your lifestyle, leisure activities, and general health.**

The treatment of arthritis and musculoskeletal conditions are a core function of physiotherapy practice.

Don't suffer any longer —  
come visit us today!

Como Physiotherapy Clinic  
245 Canning Highway

COMO  
WA

P 08 9367 4966

F 08 9367 1340

E [cduncan@comophysio.com.au](mailto:cduncan@comophysio.com.au)



AUSTRALIAN PHYSIOTHERAPY ASSOCIATION

MEMBER

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## MUSCULOSKELETAL CONDITIONS

Musculoskeletal conditions are those conditions involving the muscles, the skeleton and the joints (includes arthritis).

Arthritis and musculoskeletal conditions are a major cause of pain and disability, affecting around 6.1 million Australians.

However, effective treatment and management can reduce the effects of these conditions, and there is also potential for prevention.

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## WHAT IS ARTHRITIS?

Arthritis can be disabling because of restricted mobility from severe joint pain. Nearly 3.3 million Australians have a disability due to arthritis and related conditions, and more than half of these have chronic or recurrent pain.

The two most common forms of arthritis are osteoarthritis and rheumatoid arthritis, but there are more than 100 known types of arthritis. Arthritis can result from injury, infection, accumulated wear, degenerative changes, metabolic disturbances, autoimmunity or other causes.

Children can also develop arthritis in a number of forms, which together are grouped under the name juvenile idiopathic arthritis.

## ROLE OF PHYSIOTHERAPY

The treatment of arthritis and musculoskeletal conditions is a core function of physiotherapy practice.

Patients with arthritis may benefit from joint mobilisation, electrotherapy, hydrotherapy, and muscle strengthening exercises.

Physiotherapy can reduce arthritic pain and reliance on drug therapy. Unlike pharmaceuticals, physiotherapy has no side effects and no contraindications.

Physiotherapists treat back and neck pain, muscle strains, spasms and contusions (bruising), joint injuries, tendinitis and bursitis, and muscle imbalance or weakness.

Physiotherapy modalities are critical to the treatment and management of people with disabilities that have musculoskeletal elements. Quality of life is improved by therapy, education and prescription of aids (e.g. walking stick) etc.

Physiotherapists teach people with disabilities and their families how to improve mobility and teach carers how to reduce the risk of musculoskeletal injury.



## PREVENTION & MANAGEMENT

Although arthritis is a chronic disease and there is no known cure, physiotherapy treatments and management techniques can help control and reduce the effects of the condition and prevent further deterioration, and may aid in prevention.

There are a number of ways of reducing the risk of the onset of arthritis and musculoskeletal conditions:

- avoiding joint injury
- avoiding vitamin D deficiency and
- maintaining a healthy weight - obesity is a risk factor for all chronic disease
- eating a balanced diet rich in calcium
- regular physical activity
- avoiding tobacco use
- utilising falls prevention strategies

