

Hands and arthritis

This sheet has been written for people whose hands are affected by arthritis. It provides general information about ways you can look after your hands and manage your symptoms. It also tells you where to find further information and advice.

How are hands affected by arthritis?

Any joint in your fingers, thumbs, knuckles and wrists can be affected by arthritis. Many different types of arthritis can affect your hands and cause joint pain, swelling and stiffness. People with hand arthritis often find their grip weakens and it becomes harder to do fine movements, such as turning a key or tying shoelaces.

How can I protect (rest) my sore hands?

The first thing to do is to become more aware of how you are using your sore joints. For example, try watching how you make a hot drink. What is happening to your wrist and fingers as you turn on the tap or lift a heavy kettle? Does it cause pain? Try to think of another way of doing this activity which will reduce those aches and strains. You might try picking up the kettle with two hands. Or use a tap turner to make it easier to grip the tap. These are examples of 'joint protection'. It doesn't mean you should stop using your joints. It just means that you should use them differently to reduce the amount of stress going through your joints.

Here are some ways to protect the joints in your hands:

- **Take notice of pain** – it can serve as a warning that your joints are being overworked. Rather than giving up an activity altogether, try taking regular rests during the activity. You will usually find you can still do the things you enjoy without discomfort.
- **Use larger, stronger joints** – for example, carry your shopping bags over your shoulder rather than in your hands.
- **Spread the load over several joints** – try carrying things with two hands.
- **Reduce the effort you have to put in** – there is a wide range of labour-saving tools and equipment available. Buy pre-cut vegetables and meat to make cooking easier.

- **Avoid gripping things tightly** – find out about gadgets that can make gripping and holding objects easier.
- **See an occupational therapist** to learn more ways to make daily tasks easier and take pressure off your joints.
- **Visit an Independent Living Centre.** These centres have a wide range of tools and equipment on display. You can get advice, including where to purchase equipment, in person or over the phone. Occupational therapists are also available at the centres to provide advice about equipment. You may need to make an appointment, and may be charged a fee, to see an occupational therapist.

Are splints useful?

Splints may be helpful in some cases. They are often used to support the joint at the base of the thumb and for hands affected by rheumatoid arthritis. Splints are usually worn only when the joint is painful or to protect the joint during certain activities. Splints should not stop you from moving or using your hands as this can cause the muscles to weaken and waste. An occupational therapist can advise whether hand splints will be useful for you.

Should I exercise my hands?

Don't be afraid to use your hands. Regular exercise is important in reducing stiffness and keeping your joints and muscles working. Try to make sure you move any affected joints in your fingers, thumbs, knuckles and wrists as far as is comfortable several times a day. You could also see an occupational therapist or physiotherapist for specific hand exercises.

For your local Arthritis Office:
1800 011 041 www.arthritisaustralia.com.au

What else can I do?

There are other treatments that may help you deal with pain and stiffness:

- **Medicines:** Many different types of medicines can help the symptoms of hand arthritis. Your doctor or pharmacist can help you understand which medicines are right for you and how best to use them.
- **Heat and cold:** Applying heat, such as a hot pack (microwaveable wheat pack), heating pad or hot water bottle to stiff, painful joints may help relieve these symptoms. If your joints are hot and swollen you may find it useful to apply an ice pack. Try applying heat or cold to the painful area for 15 minutes. Always have a layer (such as a tea towel) between your skin and the heat or ice pack. You can repeat this whenever you need to throughout the day. Make sure the temperature of the skin returns to normal in between applying heat or ice packs to prevent damage to the tissues.
- **Creams:** Applying creams or ointments to the skin in the affected area may help control pain. In particular, creams containing anti-inflammatory medicines or capsaicin (an ingredient in cayenne and chilli peppers) may be useful for hand arthritis. This is yet to be proven by scientific studies. Talk to your doctor or pharmacist about these types of creams.

- **Low level laser therapy:** There is some scientific proof that low level laser therapy (by a physiotherapist) can help reduce pain and swelling, particularly in the hands of people with rheumatoid arthritis. See your physiotherapist for more information.
- **Glucosamine and chondroitin:** It is unclear if glucosamine or chondroitin are useful for hand arthritis. See the *Glucosamine and chondroitin* sheet for more information.
- **Fish oils:** Fish oils may be useful for some forms of arthritis that affect the hands. See the *Fish oils* sheet for more information.
- **Herbal therapies:** There is no conclusive proof that herbal medicines are effective in treating arthritis of the hands. However see the *Complementary therapies* sheet for more information.

See the *Dealing with pain* sheet for more information about managing pain.

CONTACT YOUR LOCAL ARTHRITIS OFFICE FOR MORE INFORMATION SHEETS ON ARTHRITIS.

Find out about aids and equipment that can make everyday tasks easier. Learn ways to protect your hands and manage your symptoms.

For more information:

Independent Living Centres are located in each capital city. See www.ilcaustralia.org or call 1300 885 886 to find your closest centre and more information. If you're in the ACT call (02) 6205 1900 or in Tasmania call (03) 6334 5899. (Note, the Independent Living Centre is called LifeTec in QLD).

To find an occupational therapist, talk to your doctor, see the Australian Association of Occupational Therapists website

www.ausot.com.au or look under 'Occupational Therapist' in the Yellow Pages.

To find a physiotherapist, talk to your doctor, see the Australian Physiotherapy Association website at www.physiotherapy.asn.au or look under 'Physiotherapist' in the Yellow Pages.

Books McCabe, Steven J & Goldman, Stan 2000, *The hand, wrist and arm sourcebook*, Lowell House, Lincolnwood, ILL.

Source: A full list of the references used to compile this sheet is available from your local Arthritis Office

The Australian General Practice Network, Australian Physiotherapy Association, Australian Practice Nurses Association, Pharmaceutical Society of Australia and Royal Australian College of General Practitioners contributed to the development of this information sheet. The Australian Government has provided funding to support this project.

Your local Arthritis Office has information, education and support for people with arthritis
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