

## NSAIDs – Non steroidal anti-inflammatory drugs:

(Brand name: Brufen, Naprosyn, Voltaren, Celebrex, Naprogesic)

Information about your medicine, benefits, side effects and precautions.

### What is it?

Non steroidal anti-inflammatory drugs (NSAIDs) are medicines commonly used to treat painful swollen joints. They are not steroids but are effective in reducing pain and stiffness. These medicines are often used when your child is initially diagnosed with arthritis because they quickly control the pain and inflammation. However, usually other drugs need to be added over time in order to further improve your child's condition.

### How will it help?

NSAIDs stop cells making prostaglandins. Prostaglandins are chemicals released by cells. High levels may cause inflammation and swelling and increase pain. NSAIDs work very quickly and are often usually the first medicine used to treat inflammation.

### How are NSAIDs given?

They are given as a liquid or tablet. NSAIDs should always be taken with food. This can make it easier on the stomach.

| NSAID generic name | Most common brand name | How it is given                     | Form of medication           |
|--------------------|------------------------|-------------------------------------|------------------------------|
| Naproxen           | Naprosyn               | By mouth, twice daily               | Liquid or tablet             |
| Ibuprofen          | Advil; Motrin          | By mouth, three to four times daily | Liquid or tablet             |
| Indomethacin       | Indocid                | By mouth, three times daily         | Liquid or tablet             |
| Diclofenac sodium  | Voltaren               | By mouth, once or twice daily       | Tablet                       |
| Piroxicam          | Feldene                | By mouth, once daily                | Tablet                       |
| Celecoxib          | Celebrex               | By mouth, twice daily               | Tablet or dissolvable tablet |

### What is the dose, and how often is it given?

The dose is calculated on your child's body weight.

### How long will it be used for?

The NSAIDs may be used while your child has ongoing pain.

## Are there any side effects?

NSAIDs usually helps your child's disease but, as with all medicines, side effects can occur. Some are common, and some are rare. Most young people don't have any problems when they take NSAIDs.

| Most common side effects  | Treatment  |
|---|--|
| Stomach upset, stomach pain, nausea, decreased appetite and easy bruising | <ul style="list-style-type: none"> <li>• Take after food and notify your doctor</li> </ul> |
| Stomach ulcers (beware of dark or bloody stools)                          | <ul style="list-style-type: none"> <li>• Notify your doctor</li> </ul>                     |
| Allergic reactions (rash, hives, chest tightness, asthma)                 | <ul style="list-style-type: none"> <li>• Notify your doctor</li> </ul>                     |
| Sensitivity to sun  | <ul style="list-style-type: none"> <li>• Sun protection (hat, sunblock)</li> </ul>         |

## Things you need to know when taking this medicine

These drugs come in many forms. Please ask your doctor or pharmacist for more specific information.

## What to do if your child is sick

If an additional medication is needed for pain or fever, give paracetamol (Panadol). **Do not give another NSAID like ibuprofen (e.g. Nurofen).** This would result in taking too much anti-inflammatory medication.

## Interactions

Many drugs used to control inflammation have a common side effect of stomach upset. Taking combinations of these drugs (more than one NSAID) can increase the possibility of this happening.

This medicine should be kept in a safe place, as accidental overdose can be serious.

This sheet was produced in association with the Australian Paediatric Rheumatology Group