

What is Shingles?

Shingles is caused by the reactivation of the varicella-zoster virus and can only occur in people who have had chickenpox previously. Consequently it is more common in older people.

Shingles is characterised by the development of a painful rash with groups of blisters and sores. The rash generally occurs in a band on one side of the body or on part of the head overlaying the nerves where the virus had been dormant.

The rash may last for 3 to 5 weeks, though pain can continue for even longer.

The virus can be spread to others by direct contact with the moist shingles rash.



Other resources available on childhood infections:

- Rotavirus
- Impetigo
- Hand, foot and mouth disease
- Ringworm
- Slapped cheek disease
- Salmonella
- Threadworms

COMMUNITY AND PUBLIC HEALTH

Christchurch Office

310 Manchester Street
P.O Box 1475
Christchurch
Phone: 03 364 7844
Facsimile: 03 379 6125
Email: chic@cdhb.health.nz

West Coast Office

3 Tarapuhi Street
P.O Box 443
Greymouth
Phone: 03 768 1160
Facsimile: 03 768 1169
Email: westcoast.chic@cdhb.health.nz

Ashburton Office

Elizabeth Street
P.O Box 110
Ashburton
Phone: 03 307 6902
Facsimile: 03 307 8081
Email: ashburton.chic@cdhb.health.nz

Timaru Office

18 Woolcombe Street
P.O Box 510
Timaru
Phone: 03 687 2600
Facsimile: 03 688 6091
Email: timaru.chic@cdhb.health.nz

www.cph.co.nz

Communicable Diseases Team Community and Public Health

(a division of the Canterbury District Health Board)

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Chickenpox (Shingles)



Canterbury

District Health Board

Te Poari Hauora o Waitaha

What is Chickenpox?

Chickenpox is a common childhood illness that is easily spread. It is caused by the varicella zoster virus. It affects mostly children under the age of 10 years and over 90% of the population have had chickenpox by the age of 15 years. One infection usually gives long-lasting immunity. The virus however can remain in the body and be reactivated in later life to cause 'shingles'.

What are the symptoms?

Symptoms develop around 2 to 3 weeks after a child is exposed to the virus. Chicken pox starts with 'sudden onset of fever, some cough and a lack of energy. A skin rash appears soon after as small raised red spots. These may be only a few or many and while most common on the covered parts, can spread over the whole body. In a few hours the spots form blisters that soon burst to leave open sores, which then scab over in 3 or 4 days. Several crops of these blisters may come out over a period of days, so that at any one time there may be sores in various stages of development. Full recovery usually takes 7 – 10 days after the symptoms first appear.

How is it spread?

When a child catches the virus, it spreads rapidly throughout the body, affecting first the nose and throat and later the rest of the body. It is spread during the early illness by coughing but later spread can occur by direct contact with moist skin sores. People are infectious for as long as 5 days, but usually 1-2 days before onset of rash and until all blisters have formed crusts (usually 5 days).

How is it treated?

- Usually, the only treatment available is for the symptoms. Calamine lotion or an antihistamine medicine like phenergan may ease the itch from the rash. A daily bath in tepid water is recommended, then dry by patting with a clean, soft towel rather than rubbing.
- Rest and plenty of fluids are important.
- Children should avoid scratching as this increases the risk of secondary bacterial infection and possible scarring.
- Paracetamol may be helpful but pain relieving medicines containing **aspirin should not be given to children with chickenpox** because it can increase the risk of serious complications.
- Antibiotics are of no use against viruses like

chickenpox, but may be needed if a bacterial infection also develops.

- Antiviral medications may be prescribed by a doctor, but are used only in adolescents and adults who have severe disease. They must be started within the first 3 days of the rash appearing (preferably day 1).

How is spread prevented?

- Cover the nose and mouth when coughing or sneezing, dispose of used tissues, wash hands carefully after contact, and don't share eating utensils, food and drinking cups.
- Keep those with chickenpox away from school, pre-school or work until all the blisters have crusted, and the person feels well.
- Pregnant women should avoid contact with cases of chickenpox, as infection can harm both the mother and the unborn baby. A doctor should be contacted immediately if a pregnant woman develops symptoms.

What about Vaccination?

A vaccine against chickenpox is available, but only at a cost to the patient, as it is not yet part of the routine New Zealand Immunisation Schedule. It is mostly recommended for children with a small range of serious health problems who may require organ transplantation.