

Xolair is a biologic therapy that is indicated to treat:

- patients with moderate to **severe persistent asthma**, are 6 years of age or older, have had a positive skin test or in vitro reactivity to a perennial aeroallergen and whose symptoms are inadequately controlled with inhaled corticosteroids
- patients with chronic idiopathic urticaria, is 12 years of age or older and remains symptomatic despite H1 antihistamine treatment

What Is Xolair?

Xolair (omalizumab) injections help treat **asthma** and chronic hives, also known as chronic idiopathic urticaria, or CIU. Patients being prescribed Xolair often have tried other forms of treatment – such as inhalers or corticosteroids – with little to no success. Xolair is indicated for patients as young as six years of age.

How Xolair Works

Xolair works by inhibiting the binding of immunoglobulin E to its respective receptor on mast cells and basophils. This then reduces symptoms of certain conditions.

What Is Xolair Used For?

Doctors order omalizumab to treat several medical conditions.

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Xolair Injection Dosage and Administration

Patients receive omalizumab via subcutaneous injection.

Dosage and Frequency

Before receiving their first intravenous infusion of omalizumab, the ordering physician determines the patient's dose. This dose depends on the severity of the condition for which he or she is receiving treatment.

Xolair is administered roughly once every two to four weeks.

Xolair Injection Side Effects

As with all medications, [side effects are possible](#).

The most common side effects of Xolair include:

- Joint pain
- Dizziness
- Feeling tired
- Itching
- Skin rash
- Bone fractures
- Pain or discomfort in the ears or ear infection
- Swelling inside the nose, throat, or sinuses
- Headache
- Fever
- Throat infection
- Abdominal pain or stomach infection
- Nose bleeds
- Injection site reactions
- Upper respiratory tract infection

Serious side effects include:

- Cancer
- Inflammation of the blood vessels
- Fever, muscle aches, and rash
- Parasitic infection
- Heart and circulation problems

How To Prepare for a Xolair Injection

It is essential that patients inform their physician if they currently have, or have had, any of the conditions listed below:

- A latex allergy or any other allergies
- Sudden breathing problems (bronchospasm)
- A severe allergic reaction (anaphylaxis)
- A parasitic infection
- Cancer

Before treatment, patients should get a good night's sleep. In addition, they need to drink an adequate amount of fluid and eat a meal before treatment.

