

## Patient information - Restylane® Defyne™

### Manufacturer name

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### Glossary

**Anaesthetic** – a medication (or “treatment”) that reduces pain.

**BDDE** – the ingredient used to crosslink the **HA**.

**Crosslinked** – a process in which HA chains are connected to form a network.

**Hyaluronic acid (HA)** – a naturally occurring sugar, found in the body that gives the skin moisture, volume and elasticity.

**Lidocaine** – a commonly used local **anaesthetic** to numb the skin, see “**anaesthetic**”.

**Topical** – a cream or ointment applied to the top of the skin, affecting only the area to which it is applied.

### Product description

#### What is Restylane Defyne?

Restylane Defyne is a sterile, clear injectable gel composed of hyaluronic acid (HA), a natural substance that already exists in the body. Once injected into the skin the product gradually breaks down and disappears over time. The HA in the product is crosslinked with BDDE, an ingredient that helps form a network of HA chains that lasts longer when injected into the skin. The product is non-animal-based and free from animal protein. The product contains lidocaine, a medication to reduce the discomfort associated with the injection treatment. The gel is supplied in a plastic syringe.

#### How does the product work?

Restylane Defyne is a filler that is injected into the facial skin to add volume to the tissue. It is recommended to be used to smooth away severe wrinkles or to redefine the shape of your lips, cheeks or hollowness under your eyes.

The product's ability to give volume to the tissue and smooth out wrinkles comes from the ability of HA to bind water.

**Users:**

- The product shall only be used in persons over 18 years of age.
- You should only be given the product by appropriately trained healthcare professionals who are qualified or accredited in accordance with national law.

**Are there any reasons why I should not use Restylane Defyne?**

To ensure a safe procedure, your healthcare professional will talk to you about your medical history to determine if you are an appropriate candidate for treatment. Treatment with the product may result in an allergic reaction. You should not use the product if:

- You are allergic to streptococcal proteins from the bacteria which are used to make the HA in the product (bacterial proteins).
- You have severe allergies with a history of severe reactions (anaphylaxis) or multiple severe allergies.
- You are allergic to the anaesthetic lidocaine.

If you are not sure about your medical history concerning these allergies, please discuss further with your healthcare professional.

**Are there other warnings or precautions that I should discuss with my healthcare professional?**

**Warnings**

Before having the injection, tell your healthcare professional if:

- You have areas with skin sores, pimples, rashes, hives, cysts, or infections. The treatment should be postponed until healing is complete as this could delay healing or make your skin problems worse.
- You are prone to bleeding or have been diagnosed with a bleeding disorder or are taking any medication that can thin your blood or prolong bleeding, such as aspirin and warfarin. As with any injection procedure this may have a higher risk of severe bleeding or bruising.

One of the risks with using this product is unintentional injection into a blood vessel. The risk of this happening is very small, but if it does happen, the complications can be serious, and may be permanent. These complications, which have been reported for facial injections, can include vision abnormalities, blindness, stroke, temporary scabs, or permanent scarring of the skin.

After having the injection, seek immediate medical attention if:

- You have changes in your vision, signs of a stroke (including sudden difficulty speaking, numbness or weakness in your face, arms, or legs, difficulty walking, face drooping, severe headache, dizziness, or confusion), white appearance of the skin, or unusual pain during or shortly after treatment.

## **Precautions**

There are several other important precautions to discuss with your healthcare professional to ensure a satisfactory result and to avoid any complications. Please be sure to discuss the following with your healthcare professional if:

- You are breastfeeding or pregnant. The safety of Restylane Defyne for use during pregnancy, or in women who are breastfeeding, has not been studied.
- You are on any medications to decrease your body's immune response (immunosuppressive therapy).
- You have any skin colour (pigmentation) disorders or have dark skin. This might increase your risk of developing skin discolouration after treatment.
- You have a history of herpes infection, this could be reactivated as a result of an injection.
- You have permanent implants in the intended treatment location in your face or other prior implants, as this could increase the risk of side effects or interfere with the aesthetic outcome of the treatment.
- You recently had skin therapies such as laser treatment, mechanical or chemical peels. This may lead to increased risk of side effects such as redness, swelling, heat or pain of the skin.
- You have a dental block or use topical lidocaine at the same time as the filler treatment. High doses of lidocaine could cause a toxic reaction.

If you have any additional questions about any topic in this section, please discuss further with your healthcare professional.

## **How long does the product last?**

- Two clinical studies with Restylane Defyne for the correction of moderate to severe wrinkles running from the side of the nose to the corner of the mouth both showed maintained effectiveness for a majority of subjects up to at least 48 weeks after initial treatments.
- Still another study for facial rejuvenation, most subjects reported sustained aesthetic improvement up to at least 6 months in areas including the wrinkles running from the side of the nose to the corner of the mouth and the lines from the corner of your mouth and down (sad mouth) as well as the hollowness under the eyes.
- Another study evaluated the naturalness of treatment results while doing facial expressions such as smiling, kissing and frowning. Naturalness was maintained or enhanced throughout the 6 months study in the majority of subjects.

## **All residual risks and potential undesirable side-effects listed**

As with any medical procedure, there are risks involved with the use of injectable fillers.

Local skin reactions such as bruising, pain or tenderness, swelling, redness (erythema) and itching (pruritus) are expected and commonly occur at the treatment location after the injection procedure. Usually, these reactions do not need any treatment and will go away by themselves within one week after the injection.

Spontaneously reported side effects from healthcare professionals and customers using the product included:

- Temporary swelling (oedema) with immediate onset or delayed onset, up to several weeks after treatment
- Mass formation/hardening (induration)
- Lumps/bumps (papules/nodules)
- Redness (erythema)
- Pain/tenderness
- Short duration of effect (device ineffective)
- Infection/pockets of pus (abscess)
- Bruising/bleeding
- Inflammation
- Skin discolouration
- Other injection site reactions and skin reactions including burning sensation, exfoliation, irritation, discomfort, dryness and warmth
- Restricted blood flow (ischemia/necrosis) including purplish discolouration (livedo reticularis), paleness of skin (pallor), blockage of a blood vessel (vascular occlusion)
- Small area of inflammation in tissue (granuloma)
- Itching (pruritus)
- Allergic reaction (hypersensitivity)/rapid swelling (angioedema)
- Eye disorders including bruising around the eye (eye contusion), eye irritation, eye pain, eye swelling, drooping eyelid (eyelid ptosis), and visual disturbance such as blurred vision
- Implanted gel moving from site of injection (device dislocation)
- Facial nerve paralysis, reduced sense of touch (hypoesthesia), tingling sensation (paraesthesia)
- Rash
- Scarring
- Blisters
- Symptoms of reactivation of herpes infection
- Uneven appearance of the skin (asymmetry/deformity)
- Dilated small blood vessels (telangiectasia)
- Skin irritation (dermatitis)
- Leakage from implant site (discharge)
- Hives (urticaria)
- Acne

- Other side effects not associated with the treatment location including chills, dizziness, headache, feeling sick (malaise), nausea, fever (pyrexia), and vomiting
- Other local side effects such as skin pain

The healthcare professional performing the treatment may accidentally inject the product into a blood vessel, which can cause injury to the blood supply. The risk for this is very small, but if it does happen, the complications can be serious, and may be permanent. These complications, which have been reported for facial injections, can include death of tissue (skin necrosis) with temporary scabs or permanent scarring of the skin, and in rare cases temporary or permanent vision changes, including blindness, or stroke.

### **When and how to report undesirable side effects**

If you have any questions concerning possible side effects, please discuss further with your healthcare professional. You should always tell your healthcare professional if you experience anything unusual at the site of treatment.

Any serious incident that occurs in relation to the device should also be reported to the Australian Government Therapeutic Goods Administration through their website at:  
[www.tga.gov.au](http://www.tga.gov.au)

### **After procedure information**

#### **What should I do after receiving treatment?**

- For the first 24 hours, you should avoid or minimize hard (strenuous) exercise. You should also avoid or minimize exposure to extensive sun UV lamps and extreme temperatures until any swelling and redness has resolved. Exposure to any of these may cause the area where you were treated to temporarily become red, swell and/or itch. If you experience any of these problems, an ice pack can be applied for a short period for relief.
- Avoid touching or shaving the treated area and not to apply any creams or cosmetics in the treated area before the skin has healed completely in order to prevent infections or other local skin reactions.

#### **When should I call my doctor? What should I call my doctor about after the treatment?**

You should call your doctor immediately if you have:

- Changes in your vision.
- Signs of a stroke (including sudden difficulty speaking, numbness or weakness in your face, arms, or legs, difficulty walking, face drooping, severe headache, dizziness, or confusion).
- White appearance of the skin.
- Unusual pain during or shortly after treatment.

Be sure to call your doctor if you have:

- Persistent skin reactions at the treatment location beyond 14 days after the injection, as any side effects such as bruising, swelling, pain, tenderness, redness, and itching will usually go away by itself within one week.
- Blisters or skin sores that recur, which may signal the presence of a herpes infection.
- Any signs of infection such as fever, or redness that spreads to surrounding areas of your skin, drainage of pus from the injection location, increasing tenderness or increasing pain from the treatment location that does not go away. If you develop an infection, you may need antibiotics. If it gets worse, you may need other treatments, such as surgery.
- Significant pain away from the treatment location.

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