

## NEW ZEALAND DATA SHEET

### 1. PRODUCT NAME

Relydess, 100 units/mL, solution for injection

### 2. QUALITATIVE AND QUANTITATIVE COMPOSITION

#### **BOTULINUM TOXIN UNITS ARE NOT INTERCHANGEABLE FROM ONE PRODUCT TO ANOTHER.**

Each vial of Relydess contains 150 units in 1.5 mL of solution for injection of relabotulinumtoxinA. RelabotulinumtoxinA is manufactured from an established Working Cell Bank that is grown in culture media. The post-cultured product is harvested and purified using several steps to obtain a botulinum neurotoxin of serotype A1, free from complexing proteins and animal or human derived proteins.

Excipient with known effect

- Polysorbate 80 1.1 mg/mL

For the full list of excipients, see Section 6.1 List of excipients.

### 3. PHARMACEUTICAL FORM

Solution for Injection

Clear, colourless to pale yellow solution

### 4. CLINICAL PARTICULARS

#### 4.1 Therapeutic indications

Relydess is indicated in adult patients for the temporary improvement in the appearance of:

- Moderate to severe glabellar lines at maximum frown
- Moderate to severe lateral canthal lines seen at maximum smile

#### 4.2 Dose and method of administration

Relydess should only be administered by trained practitioners with appropriate qualifications and expertise in the treatment of glabellar lines and lateral canthal lines and having the required equipment.

#### **THE POTENCY UNITS ARE SPECIFIC TO RELYDESS AND ARE NOT INTERCHANGEABLE WITH OTHER PREPARATIONS OF BOTULINUM TOXIN.**

Re-treatment of Relydess should be administered no more frequently than every twelve weeks. Consideration of the cumulative dose is necessary when treating adult patients with Relydess for glabellar lines and lateral canthal lines, alone or in combination, if other botulinum toxin products are or have been used to treat other indications approved for those products.

Dosage Relydess is ready-to-use with a concentration of 10 units per 0.1 mL and no reconstitution is required.

### **Dosing Instructions for Relydoss**

Treatment(s)	Total Recommended Dose	Dose per injection
Glabellar Lines (GL)	50 units/0.5 mL	5 injections of 10 units/0.1 mL: 2 injections on each side at the corrugator muscle and 1 injection at the procerus muscle near the nasofrontal angle (see <b>Figure 1</b> )
Lateral Canthal Lines (LCL)	60 units/0.6 mL	6 injections of 10 units/0.1 mL: 3 injections on each side at the orbicularis oculi muscle (see <b>Figure 2</b> )
Combined treatment of Glabellar Lines and Lateral Canthal Lines	110 units/1.1 mL	11 injections total of 10 units/0.1 mL for combined GL and LCL

In the event of treatment failure or diminished effect following repeat injections, alternative treatment methods should be employed. In case of treatment failure after the first treatment session, the following approaches may be considered:

- Analysis of the causes of failure, e.g., incorrect muscles injected, inappropriate injection technique, and formation of toxin-neutralising antibodies
- Re-evaluation of the relevance of treatment with botulinum toxin A.

The efficacy and safety of repeat injections beyond 12 months has not been evaluated.

#### **Paediatric population**

The safety and efficacy of Relydoss in children aged up to 18 years have not been established. The use of Relydoss is not recommended in patients under 18 years.

#### **Method of administration**

Intramuscular use.

Each vial should be used for a single patient during a single treatment session only. Residual product after the treatment should be discarded.

#### *Precaution to be taken before manipulating or administering the product*

For instructions for use, precaution before manipulating or administering the product, handling and disposal of the vials (see Section 6.6 SPECIAL PRECAUTIONS FOR STORAGE).

Onset of action reported within 1 day (up to 39% and 34% in glabellar and lateral canthal lines, respectively). An effect has been demonstrated for 6 months after injection.

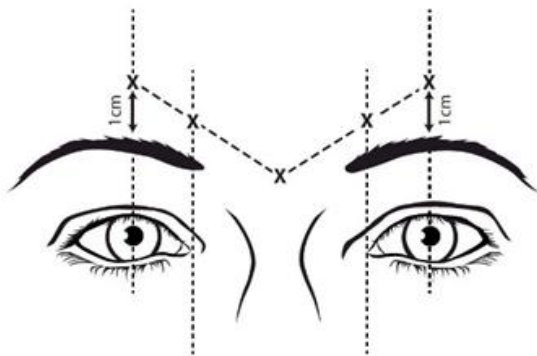
#### **Glabellar lines**

The recommended dose for the treatment of glabellar lines in adults is a total of 50 units/0.5 mL administered by intramuscular injection divided equally (10 units/0.1 mL per injection) into each of the 5 intramuscular injection sites (see **Figure 1**): 2 injections on each side at the corrugator muscle and 1 injection at the procerus muscle near the nasofrontal angle.

In order to reduce the risk of eyelid ptosis, the following steps should be taken:

- Avoid injections near the levator *palpebrae superioris* muscle, particularly in patients with larger brow-depressor complexes.
- Lateral *corrugator* injections should be placed at least 1 cm above the bony supraorbital ridge.
- Ensure the injected volume/dose is accurate and where feasible kept to a minimum.
- Avoid injecting closer than 1 centimetre above the central eyebrow.

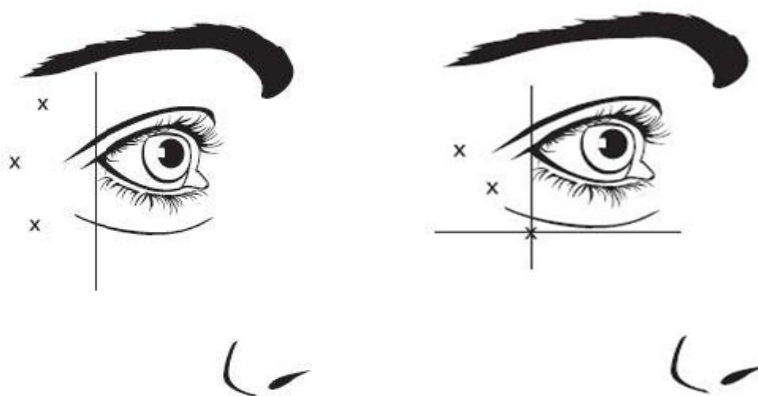
**Figure 1: Injection site locations for Glabellar Lines**



#### Lateral Canthal Lines

The recommended dose for the treatment of lateral canthal lines in adults is a total of 60 units/0.6 mL administered by intramuscular injection divided equally into 10 units/0.1 mL into each of the 6 intramuscular injection sites (see **Figure 2**: Option 1 and Option 2): 3 injections (30 units/0.3 mL) on each side at the *orbicularis oculi* muscle. When lines in the lateral canthal region appear both above and below the lateral canthus, inject per Option 1. In case lines in the lateral canthal region are mainly below the lateral canthus, inject per Option 2.

**Figure 1: Injection site locations Lateral Canthal Lines**



**Option 1:** Above and below lateral canthus

**Option 2:** Below lateral canthus

Lateral Canthal line anatomical landmarks can be more readily identified if observed and palpated at maximal smile. Care must be taken to avoid injecting the zygomaticus major/minor muscles to avoid lateral mouth drop and asymmetrical smile.

### **Combined treatment**

For combination treatment of glabellar lines and lateral canthal lines, the respective individual dosing and administration should be followed for a total dose of 110 units/1.1 mL of Relydness.

The recommended dose for the treatment of glabellar lines is 50 units/0.5mL (10 units/0.1 mL per injection) into each of 5 intramuscular injection sites and for lateral canthal lines is 60 units/0.6 mL (10 units/0.1 mL) in each of 6 intramuscular injection sites.

### 4.3 Contraindications

Hypersensitivity to any botulinum toxin or to any of the excipients listed in section 6.1 List of Excipients.

Presence of infection at the proposed injection sites.

### 4.4 Special warnings and precautions for use

Care should be taken to ensure that Relydness is not injected into a blood vessel.

### **Lack of interchangeability between botulinum toxin products**

The potency units of Relydness are specific to the preparation and assay method utilised. They are not interchangeable with the other preparations of botulinum toxin products and, therefore units of biological activity of Relydness cannot be compared to or converted into units of any other botulinum toxin products assessed with any other specific assay method (see Section 4.2 DOSE AND METHOD OF ADMINISTRATION).

### **Hypersensitivity reactions**

Serious and/or immediate hypersensitivity reactions have been reported for botulinum toxin products. Emergency facilities including appropriate equipment and drugs (e.g., epinephrine) to treat anaphylaxis should therefore be available. These reactions include anaphylaxis, serum sickness, urticaria, soft tissue oedema, and dyspnoea. If such a reaction occurs, further injection of Relydness should be discontinued, and appropriate medical therapy immediately instituted.

### **Spread of Toxin effect**

Adverse reactions possibly related to the spread of toxin distant from the site of administration have been reported very rarely with botulinum toxin (see Section 4.8 ADVERSE EFFECTS (UNDESIRABLE EFFECTS)). The symptoms are consistent with the mechanism of action of botulinum toxins and may include asthenia, generalised muscle weakness, diplopia, blurred vision, ptosis, dysphagia, dysphonia, dysarthria, urinary incontinence, and breathing difficulties. These symptoms have been reported hours to weeks after injection.

Swallowing and breathing difficulties are serious and can result in death. More specifically, following treatment with botulinum toxin, very rare cases of death have been reported in the context of

patients who have dysphagia, pneumopathy, or significant asthenia. Therefore, treatment in such patients must be administered under the control of a specialist and only if the benefit of treatment is considered to outweigh the risk.

Patients or caregivers should be advised to seek immediate medical care if swallowing, speech or respiratory disorders arise.

### **Pre-existing neuromuscular disorders**

Patients with pre-existing neuromuscular disorders such as myasthenia gravis, Eaton Lambert syndrome or amyotrophic lateral sclerosis may have an increased sensitivity to botulinum toxin, which may result in excessive muscle weakness. Therefore, botulinum toxin should only be used with caution and under close medical supervision in such patients.

### **Bleeding disorders**

As with any intramuscular injection, Relydyess should be used with caution in patients with prolonged bleeding times or bleeding disorders from any cause.

### **Pre-existing conditions at the injection site**

Caution should be taken when Relydyess is used in the presence of inflammation at the proposed injection site(s) or when excessive weakness or atrophy is present in the targeted muscle(s).

Caution should be used when Relydyess treatment is used in patients who have marked facial asymmetry, ptosis, excessive dermatochalasis, deep dermal scarring, or thick sebaceous skin.

### **Ophthalmic adverse reactions**

Dry eye, reduced tear production, reduced blinking, and corneal disorders may occur with the use of botulinum toxins. If symptoms of dry eye (e.g., eye irritation, photophobia, or visual changes) persist, consider referring the patient to an ophthalmologist.

### **Antibody formation**

Antibodies to botulinum toxin type A may develop during treatment with botulinum toxin. Some of the antibodies formed are neutralising which may lead to treatment failure of botulinum toxin type A (see Section 5.1 PHARMACODYNAMIC PROPERTIES).

### **Traceability**

In order to improve the traceability of biological medicinal products, the name and the batch number of the administered product should be clearly recorded.

### **Use in the elderly**

There are no additional precautions regarding the use of Relydyess in the elderly population.

### **Paediatric use**

No data available.

### **Effects on laboratory tests**

No data available.

#### 4.5 Interaction with other medicines and other forms of interaction

No formal drug interaction studies have been conducted with Relfydess.

However, the potential for certain drugs as listed below to potentiate the effects of Relfydess warrants consideration given the potential risks involved and such drugs should be used with caution:

- Other botulinum toxin products
- Aminoglycosides or other agents interfering with neuromuscular transmission
- Anticholinergic drugs
- Muscle relaxants

#### 4.6 Fertility, pregnancy and lactation

##### **Effects on fertility**

The effect of RelfydessS on human fertility is unknown. No animal fertility studies have been conducted with relabotulinumtoxinA. Intramuscular doses of 4 U/kg (males) and 8 U/kg (females) of a similar drug did not affect rat fertility. Decreased fertility occurred with higher doses, which also resulted in signs of toxicity. The relevance of these findings to human fertility is not known.

##### **Use in pregnancy**

There are only limited data from the use of botulinum toxin type A in pregnant women. Relfydess is not recommended during pregnancy and in women of childbearing potential not using contraception.

No reproductive and developmental toxicity studies have been performed with relabotulinumtoxinA. However, adverse embryofetal development effects have been seen in rat and rabbit studies with other botulinum toxins (lower fetal weights, delayed ossification, abortions and embryofetal development lethality). These adverse embryofetal development effects occurred in the context of maternotoxicity. The potential risk for humans is unknown

##### **Use in lactation**

It is unknown if relabotulinumtoxinA is excreted in human milk. The excretion of relabotulinumtoxinA in milk has not been studied in animals. The use of Relfydess during lactation is not recommended.

#### 4.7 Effects on ability to drive and use machines

Other botulinum toxin products have been reported to have a minor or moderate influence on the ability to drive and/or use machines. There is a potential risk of localised muscle weakness or visual disturbances linked with the use of Relfydess which may temporarily impair the ability to drive or operate machinery.

#### 4.8 Undesirable effects

##### Summary of safety profile

The safety of Relydness for the treatment of moderate to severe glabellar lines, moderate to severe lateral canthal lines and in combination was evaluated in three pivotal Phase 3 placebocontrolled clinical studies including 806 patients receiving Relydness. Most adverse events reported were of mild to moderate severity. The most frequently reported related adverse events overall in all placebo-controlled studies for Relydness ( $\geq 50$  units)-treated patients were headache (4.3%), injection site pain (2.9%), injection site bruising (2.5%) and eyelid ptosis (1.6%).

Treatment emergent adverse events represent untoward changes in health irrespective of a causal association after exposure to a medicinal product. **Table 1** and **Table 2** present treatment-emergent adverse events occurring at an incidence of  $>1\%$  in the pivotal Phase 3 placebo-controlled clinical studies, along with those subjects in the control groups.

**Table 1: Moderate to severe glabellar lines – Number (%) of Subjects with Adverse Events ( $> 1\%$  of subjects)**

System Organ Class / Preferred Term	Relydness (N=338) n (%)	Placebo (N=133) n (%)
<b>Subjects with any TEAE</b>	31 (9.4)	7(4.9)
<b>Infections and infestations</b>	<b>11 (3.3)</b>	<b>6 (4.2)</b>
Covid-19	9 (2.8)	6 (4.2)
Sinusitis	2 (0.6)	0
<b>General disorders and administration site conditions</b>	<b>4 (1.2)</b>	<b>1 (0.6)</b>
Injection site bruising	4 (1.2)	1 (0.6)
<b>Nervous system disorders</b>	<b>11 (3.3)</b>	<b>0</b>
Headache	11 (3.3)	0
<b>Eye Disorders</b>	<b>5 (1.5)</b>	<b>0</b>
Eyelid ptosis	5 (1.5)	0

**Table 2: Moderate to severe lateral canthal lines – Number (%) of Subjects with Adverse Events ( $> 1\%$  of Subjects)**

System Organ Class / Preferred Term	Relydness (N=353) n (%)	Placebo (N=131) n (%)
<b>Subjects with any TEAE</b>	32 (9.0)	17 (13.5)
<b>Infections and infestations</b>	<b>13 (3.7)</b>	<b>10 (7.7)</b>
Covid-19	10 (2.9)	8 (6.0)
Sinusitis	4 (1.1)	2 (1.7)
<b>General disorders and administration site conditions</b>	<b>13 (3.6)</b>	<b>4 (3.2)</b>
Injection site bruising	13 (3.6)	4 (3.2)
<b>Nervous system disorders</b>	<b>4 (1.2)</b>	<b>2 (1.7)</b>
Headache	4 (1.2)	2(1.7)
<b>Investigations</b>	<b>4 (1.1)</b>	<b>1 (0.9)</b>
Blood pressure increased	4 (1.1)	1 (0.9)

When glabellar lines and lateral canthal lines were treated in combination, the nature and frequency of adverse events were comparable to what was observed when patients were treated for the individual indications.

### **Adverse Reactions**

The majority of adverse reactions reported with Relydness in the pivotal placebo-controlled phase III trials after one injection were of mild to moderate intensity, occurred within the first month following injection, and were transient. The adverse reactions from this pool are presented in the tables below and are organized according to primary system organ class (SOC) and MedDRA preferred term.

#### **Tabulated list of adverse reactions**

The frequency of undesirable reactions is classified as follows: Very common ( $\geq 1/10$ ); common ( $\geq 1/100$  to  $< 1/10$ ); uncommon ( $\geq 1/1,000$  to  $< 1/1,000$ ); very rare ( $< 1/10,000$ ); not known (cannot be estimated from the available data).

#### ***Moderate to severe glabellar lines***

The following adverse reactions were observed in patients that were administered Relydness for the temporary improvement in the appearance of moderate to severe glabellar lines

<b>System Organ Class</b>	<b>Frequency</b>	<b>Adverse Reactions</b>
Nervous system disorders	Common	Headache
Eye disorders	Common	Eyelid ptosis
Skin and subcutaneous tissue disorders	Uncommon	Brow ptosis
Musculoskeletal and connective tissue disorders	Uncommon	Muscular weakness
General disorders and administrative site disorders	Common	Injection site bruising

#### ***Moderate to severe lateral canthal lines***

The following adverse reactions were observed in patients that were administered Relydness for the temporary improvement in the appearance of moderate to severe lateral canthal lines.

<b>System Organ Class</b>	<b>Frequency</b>	<b>Adverse Reactions</b>
Nervous system disorders	Common	Headache
Musculoskeletal and connective tissue disorders	Uncommon	Muscular Weakness
General disorders and administration site conditions	Common	Injection site bruising
	Uncommon	Injection site pain

When glabellar lines and lateral canthal lines were treated in combination, the nature and frequency of adverse reactions were comparable to what was observed when patients were treated for the individual indications.



## **Description of adverse reactions**

### **From clinical phase III placebo-controlled trials READY-1, READY-2 and READY-3**

The mean time to onset for any adverse reaction after injection in any indication varied, ranging from 0 days (injection site pain) to 17 days (eyelid ptosis) in Relydessa exposed subjects and from 0 days (injection site pain) to 2.5 days (headache) in placebo subjects. The mean duration for any adverse reaction in any indication varied, ranging from 1 day (injection site pain) to 73.7 days (muscular weakness) in Relydessa exposed subjects and from 2.5 days (headache) to 8.6 days (injection site bruising) in placebo subjects. All the adverse reactions reported except one (headache) were of mild to moderate intensity.

No analysis of the adverse reactions pattern between various subgroups for the three different indications was deemed meaningful due to the limited incidence of adverse reactions. Also, the analysis of the incidence of the sum of single adverse reactions between the different subgroups from all three indications was of limited relevance for the same reason.

### **Risk of spread of toxin distant from the site of administration**

No subject experienced a distant spread of toxin effect in the clinical development program.

### **Hypersensitivity reactions**

Across all the placebo-controlled studies, one patient (0.12%) treated with  $\geq 50$  units Relydessa experienced a potential hypersensitivity event (injection site reaction) which was mild and localised.

### **Related TEAEs\* (Injection site reactions)**

In addition, related TEAEs concerning Injection site reactions in Relydessa treated subjects (receiving  $\geq 50$  units) in the "all placebo-controlled studies pool" were: Injection site pruritus, Swelling, Erythema, Discomfort, Haematoma, Hypersensitivity, and Warmth. \*Considered related by the investigator at the individual adverse event level

### **From open label long term safety study READY-4**

Safety data from the open-label extension study is consistent with placebo-controlled safety data from READY-1, READY-2 and READY-3.

The most frequently reported adverse reactions in READY-4 were Injection site pain (7%), Injection site bruising (7%) and Headache (6%). There was no trend of increased incidence of adverse reactions in subjects who received up to 7 treatments. Most of the adverse reactions were classified as mild, with none classified as severe, and there was no change in the severity pattern of adverse reactions with repeat administration/treatment.

### **Risk of spread of toxin distant from the site of administration**

No subject experienced a distant spread of toxin effect.

### **Hypersensitivity reactions**

Potential hypersensitivity events were experienced by 4 subjects (0.4%). These were considered mild in intensity, began on the same day as the injection, resolved within 2 days, and were localised to the injection site.

### **Reporting suspected adverse effects**

Reporting suspected adverse reactions after authorisation of the medicine is important. It allows continued monitoring of the benefit/risk balance of the medicine. Healthcare professionals are asked to report any suspected adverse reactions <https://pophealth.my.site.com/carmreportnz/s/>

### **4.9 Overdose**

Excessive doses may produce distant and profound neuromuscular paralysis. Overdose could lead to an increased risk of the botulinum toxin entering the bloodstream and may cause complications associated with the effects of oral botulinum poisoning. (e.g., dysphagia and dysphonia).

Symptoms of overdose may not be present immediately post-injection. Should accidental injection or ingestion occur, the patient should be medically monitored for several weeks for any signs and/or symptoms of excessive muscle weakness or muscle paralysis.

Admission to hospital should be considered for patients with obvious symptoms of botulinum toxin overdose.

In the event of overdose, the patient should be medically monitored for any signs and/or symptoms of excessive muscle weakness or muscle paralysis. General supportive care is advised and symptomatic treatment should be instigated if necessary. Respiratory support may be required where excessive doses cause paralysis of the respiratory muscles.

For advice on the management of overdose please contact the National Poisons Centre on 0800 POISON (0800 764766).

## **5. PHARMACOLOGICAL PROPERTIES**

### **5.1 Pharmacodynamic properties**

#### **Mechanism of action**

The well-established mechanism of action of Clostridium botulinum type A neurotoxin products includes blocking the release of acetylcholine from the presynaptic cholinergic neuronal synapse to produce muscle relaxation. The heavy chain of botulinum toxin type A mediates attachment to the presynaptic surface of cholinergic neurons and internalisation of the bound toxin occurs by endocytosis. The catalytic light chain is then translocated across the vesicular membrane into the cytosol. The light chain is an enzyme that cleaves the synaptosome-associated protein of 25 kDa (SNAP-25) in the nerve terminals to block binding of acetylcholine vesicles with the cell membrane and prevent the release of acetylcholine from vesicles into the synapse. When injected intramuscularly, the toxin induces partial paralysis of the affected muscle which temporarily reduces muscle activity, leading to the transient reduction of glabellar lines or lateral canthal lines. Botulinum toxin type A products have a long duration of action in animals and humans measured in weeks to months. Muscle function will return gradually with regrowth of the nerve fibres with new nerve terminals (normally within 12 weeks) to innervate the muscles reversing the denervation by toxin administration.

## Clinical trials

The data described below reflect results in the Phase III placebo-controlled studies READY-1, READY-2 and READY-3. A total of 1,012 patients were treated in 3 pivotal trials including 806 patients treated with Relydness and 206 patients treated with placebo. There were also an additional 902 Relydness-treated patients in an open-label long term safety study (READY4).

Onset of action reported within 1 day (up to 39% and 34% in glabellar and lateral canthal lines, respectively), with a median time to onset of 2 to 3 days. An effect has been demonstrated for 6 months after injection.

Subject psychological function was observed using FACE-Q™ psychological function scale (which incorporates subject ratings on self-liking, feeling positive, feeling okay, feeling happy, comfort with self, self-acceptance, feeling good, feeling confident, feeling attractive and feeling great).

The FLTSQ scale (Facial Line Treatment Satisfaction Questionnaire) was used to observe subject satisfaction with GL and/or LCL appearance (which incorporated subjects ratings on feeling comfortable with some facial expressions or position, facial lines visibility, skin smoothness, looking youthful, looking great for one's age, looking relaxed, looking attractive, looking wellrested and looking renewed) but also to observe subject treatment satisfaction (by incorporating subject ratings on re-treatment, treatment recommendation, results expectations, naturalness, right treatment choice, treatment results happiness but also treatment outcome and treatment improvement satisfaction).

FACE-Q™ psychological function scale and FLTSQ scale responses indicated Relydness-treated subjects showed improvement in psychological well-being and were more satisfied with their treatment and appearance than placebo subjects at all post-treatment time points. As assessed by FACE-Q™ and FLTSQ the positive psychological function and subject satisfaction were maintained for 6 months following treatment.

Patients receiving Relydness (1699 in total) were tested for anti-drug antibody formation at baseline and following each treatment. No patients tested positive for toxin-neutralising antibodies.

### Glabellar Lines (READY-1 and READY-3)

In two pivotal Phase III multi-centre, double-blind, placebo-controlled studies 451 patients were treated in GLs at the recommended dose of 50 units. READY-1 assessed Relydness treatment of GL only; READY-3 assessed combination treatment of GL and LCL. Results for READY-3 are described for the patients receiving Relydness in both the GL and LCL in combination.

Primary efficacy was the proportion of subjects who were responders, defined as achievement of a score of 0 or 1 in glabellar line severity on the GL-ILA 4-Point Photographic Scale (GLInvestigator Live Assessment) of Glabellar Line Severity at maximum frown at the Month 1 visit. The majority of subjects in both the Relydness or placebo group had severe glabellar lines at baseline as determined by the investigator (74.5% and 75.8% respectively).

Treatment success for GL as measured by investigator (GL-ILA, using a 4-point scale [0=none, 1=mild, 2=moderate, 3=severe], at maximum frown) was statistically significantly greater ( $p < 0.001$ ) in the Relydness group compared to the placebo group at 1 month (**Table 3**)

**Table 3: Investigator Assessment of Glabellar Line Treatment Success<sup>a</sup> (% and Number of Subjects) at Month 1<sup>b</sup> in Double-blind, Placebo-Controlled Clinical Studies**

Study	Relydess 50 units GL	Relydess 50 units GL and LCL	Placebo
READY-1, GL only	96.3% N=199	-	4.5% N=67
READY-3 LCL & GL treatment	94.3% N=106	96.3% N=108	1.8% N=55

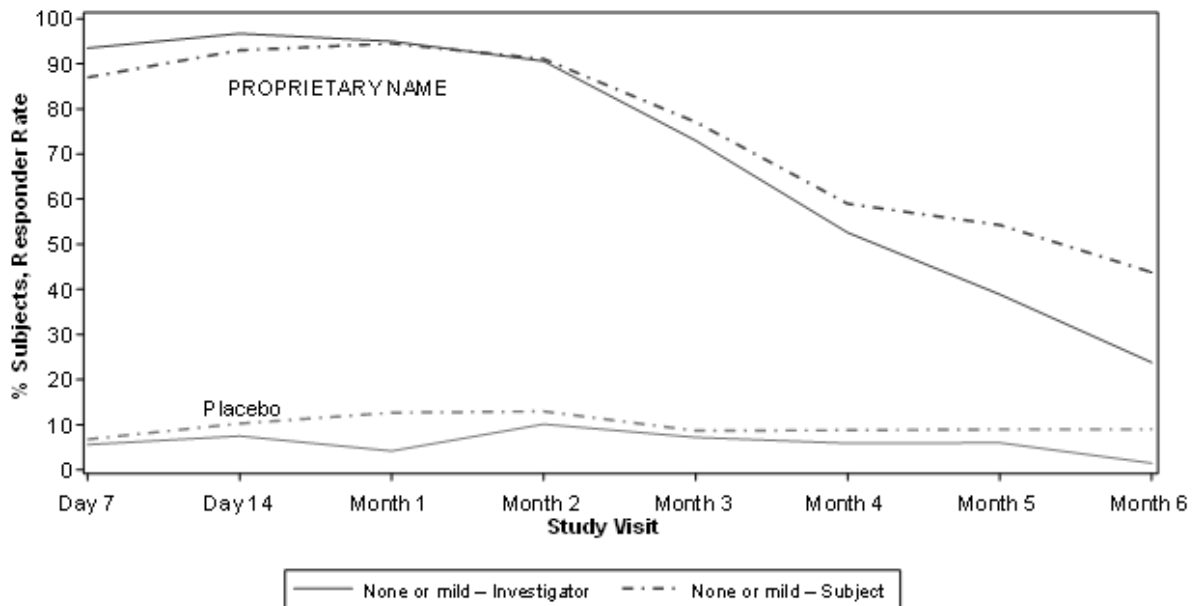
<sup>a</sup> achieved a score of 0 or 2 in GL severity on GL-ILA

<sup>b</sup> Day 30 primary efficacy endpoint; p<0.001

Subgroup analyses of the primary efficacy endpoint of responder rates based on the GL-ILA 4- Point Photographic Scale at maximum frown at Month 1 demonstrated the efficacy of Relydess regardless of age, race, prior botulinum toxin use, or baseline severity score on the GL-ILA at maximum frown.

For subjects who achieved a score of 0 or 1 on both the GL-ILA 4-Point Photographic Scale and GL-SLA Static 4-Point Categorical Scale at maximum frown, the median number of days to a loss of a score of 0 or 1 was 168 days (24 weeks) in READY-1 and 140 days (20 weeks) in READY-3. Investigator-assessed improvement in GL severity was displayed for 6 months in the Relydess group compared to the placebo group (Figure 3).

**Figure 3 Relydess Investigator and Subject Assessed Glabellar Line Responder Rate (achieved a score of none<sup>a</sup> or mild<sup>b</sup> in GL severity) Compared with Placebo Over Time (READY-1)**



<sup>a</sup> score of none = 0

<sup>b</sup> score of mild = 1

When used in combined treatment with LCL, response (achieving 0 or 1 on the GL-ILA at maximum frown) was statistically significantly higher in Relydess-GL/ Relydess-LCL group compared with placebo GL/placebo LCL throughout the 6 months post-treatment.

## Lateral Canthal Lines (READY-2 and READY-3)

In two pivotal Phase III multi-centre, double-blind, placebo-controlled studies 471 patients were treated in LCLs at the recommended dose of 60 units. READY-2 assessed Relyfydess treatment of LCL only; READY-3 assessed combination treatment of GL and LCL. Results for READY-3 are described for the patients receiving Relyfydess in both the GL and LCL in combination.

Primary efficacy was the proportion of subjects who were responders, defined as achievement of a score of 0 or 1 in lateral canthal line severity on the LCL-ILA 4-Point Photographic Scale (LCL-Investigator Live Assessment) of Lateral Canthal Line Severity at maximum smile, at the Month 1 visit. The majority of subjects in both the Relyfydess or placebo group had severe bilaterally symmetrical lateral canthal lines at baseline as determined by the investigator (42.3% and 42.7% respectively).

Treatment success for LCL as measured by investigator (LCL-Investigator Live Assessment, using a 4-point scale [0=none, 1=mild, 2=moderate, 3=severe], at maximum smile) was statistically significantly greater ( $p < 0.001$  in the Relyfydess group compared to the placebo group at 1 month (**Table 4**).

**Table 4: Investigator Assessment of Lateral Canthal Line Treatment Success<sup>a</sup> (% and Number of subjects) at month 1<sup>b</sup> in Double-blind, Placebo-Controlled Clinical Studies**

Study	Relyfydess 60 units LCL	Relyfydess 60 units LCL & 50 Units GL	Placebo
READY-2, LCL only	87.2% N=204	-	11.9% N=69
READY-3, LCL & GL treatment	78.1% N=117	83.3% N=108	19.3% N=55

<sup>a</sup> achieved a score of 0 or 1 in LCL severity on LCL-ILA

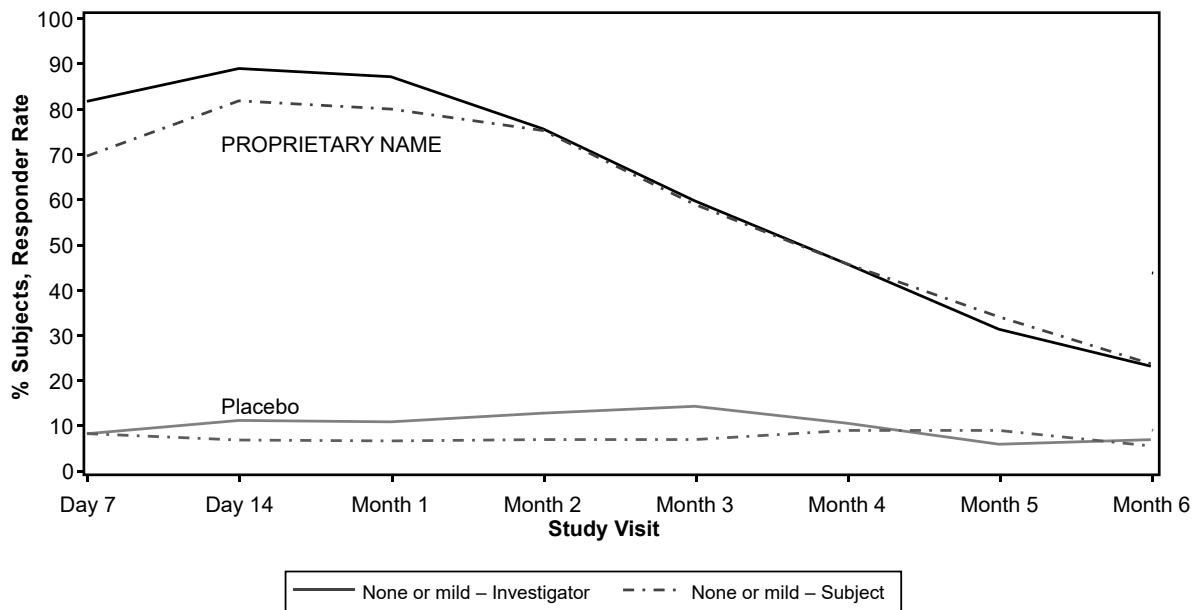
<sup>b</sup> Day 30 primary efficacy endpoint;  $p < 0.001$

Subgroup analyses of the primary efficacy endpoint of responder rates based on the LCL-ILA 4 Point Photographic Scale at maximum smile at Month 1 demonstrated the efficacy of Relyfydess regardless of age, race, prior botulinum toxin use, or baseline severity score on the LCL-ILA at maximum smile.

For subjects who achieved a score of 0 or 1 on both the LCL-ILA 4-Point Photographic Scale and LCL-SLA Static 4-Point Categorical Scale at maximum smile, the median number of days to a loss of a score of 0 or 1 in the Relyfydess group was 144 (20.6 weeks) in the Lateral Canthal Lines Treatment Pool and 162 (23.1 weeks) in READY-2, 140 (20.0 weeks) in the GL placebo/LCL Relyfydess group and 142 (20.3 weeks) in the GL Relyfydess /LCL Relyfydess group in READY-3.

Investigator and subject-assessed improvement in LCL severity was displayed for 6 months in the Relyfydess group compared to the placebo group (**Figure 4**).

**Figure 4: Relfydess Investigator and Subject Assessed Lateral Canthal Line Responder Rate (achieved a score of none<sup>a</sup> or mild<sup>b</sup> in LCL severity) Compared with Placebo Over Time (READY-2)**



<sup>a</sup> score of none = 0

<sup>b</sup> score of mild = 1

When used in combined treatment with GL, response (achieving 0 or 1 on the LCL-ILA at maximum smile) was statistically significantly higher in Relfydess GL/ Relfydess LCL group compared with placebo GL/placebo LCL at all post-treatment timepoints except month 6 ( $p=0.052$ ).

#### Open Label Study (READY-4)

READY-4 was a Phase III, multicenter, open-label study to evaluate the safety of repeated injections of Relfydess for the long-term treatment of moderate-to-severe glabellar lines and lateral canthal lines (with at least 12 weeks in between treatment cycles).

In READY-4, Relfydess administration of up to 110 U and up to 7 GL and/or LCL treatments over a 52-week study period demonstrated favourable efficacy results in both glabellar lines and lateral canthal lines whether treated at the same time or independently.

#### 5.2 Pharmacokinetic properties

Relfydess is not expected to be present in the peripheral blood at measurable levels following intramuscular injection owing to the extremely small quantities administered and rapid irreversible binding to cholinergic nerve terminals. Pharmacokinetic studies have therefore not been performed.

#### 5.3 Preclinical safety data

##### Genotoxicity

No data available.

### **Carcinogenicity**

No data available.

## **6. PHARMACEUTICAL PARTICULARS**

### **6.1 List of excipients**

Other excipients are dibasic sodium phosphate dihydrate, monobasic sodium phosphate dihydrate, potassium chloride, sodium chloride, polysorbate 80, tryptophan, water for injections.

### **6.2 Incompatibilities**

In the absence of compatibility studies, this medicinal product must not be mixed with other medicinal products.

### **6.3 Shelf life**

18 months

### **6.4 Special precautions for storage**

Store at 2-8°C. Refrigerate. Do not freeze. Keep vials in the outer carton in order to protect from light.

Unopened vial may be brought to room temperature at 25°C as the stability of Relydyess has been demonstrated for up to 24 hours at room temperature.

### **6.5 Nature and contents of container**

Relydyess is supplied in 2 mL Type I glass vial, bromobutyl stopper and aluminium overseal with polypropylene flip-off top.

Each vial contains 150 units of botulinum toxin type A in 1.5 mL of solution.

Pack containing 1 or 10 vials of Relydyess 100 units/mL solution for injection.

Not all pack sizes may be marketed.

### **6.6 Special precautions for disposal <and other handling>**

Immediately after treatment of the patient, any residual Relydyess which may be present in either vial or syringe should be inactivated with dilute hypochlorite solution (1% available chlorine).

Spillage of Relydyess should be wiped up with an absorbent cloth soaked in dilute hypochlorite solution.

In New Zealand, any unused medicine or waste material should be disposed of in accordance with local requirements.

## Recommendations Should any Incident Occur During the Handling of Botulinum Toxin

- Any spills of the product must be wiped up with dry, absorbent material.
- The contaminated surfaces should be cleaned using absorbent material impregnated with a solution of sodium hypochlorite (bleach), then dried.
- If a vial is broken, proceed as mentioned above by carefully collecting the pieces of broken glass and wiping up the product, avoiding any cuts to the skin.
- If the product comes into contact with the skin, wash the affected area with a solution of sodium hypochlorite (bleach) then rinse abundantly with water.
- If product enters into contact with the eyes, rinse thoroughly with plenty of water or with an ophthalmic eyewash solution.
- If product enters into contact with a wound, cut or broken skin, rinse thoroughly with plenty of water and take the appropriate medical steps according to the dose injected.

These instructions for use handling and disposal should be strictly followed.

## 7. MEDICINE SCHEDULE

Prescription Medicine

## 8. SPONSOR

Healthcare Logistics  
58 Richard Pearse Drive  
Airport Oaks  
AUCKLAND  
Telephone (09) 9185100

## 9. DATE OF FIRST APPROVAL

30 October 2025

## 10. DATE OF REVISION OF THE TEXT

22 July 2025

## SUMMARY TABLE OF CHANGES

Section changed	Summary of new information