VYEPTI was studied in the PREvention Of Migraine via Intravenous Eptinezumab Safety and Efficacy-1 (PROMISE-1) clinical trial

Objective
To evaluate the efficacy and safety of VYEPTI for the preventive treatment of episodic migraine in adults

Methods
- A parallel-group, double-blind, placebo-controlled global trial
- A total of 665 patients were randomized and received placebo (n=222), VYEPTI 100 mg (n=221), or VYEPTI 300 mg (n=222) every 3 months for 12 months

Primary endpoint (see Figure 3)
Change from baseline in mean monthly migraine days (MMD), Months 1-3

Key secondary and other secondary endpoints (see Table 2 and Figure 4)
- ≥75% migraine responder rate (MRR), Month 1 and Months 1-3
- Percentage of patients with migraine Day 1 post-dose
- 100% MRR, Months 1-3

The most common adverse reactions (≥2% and at least 2% or greater than placebo) in the clinical trials for the preventive treatment of migraine were nasopharyngitis and hypersensitivity.

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References:
1. VYEPTI [package insert], Deerfield, IL: Lundbeck Seattle BioPharmaceuticals, Inc.
Study design overview

VYEPTI was studied in the PRevention Of Migraine via Intravenous Eptinezumab Safety and Efficacy-2 (PROMISE-2) clinical trial

Objective
To evaluate the efficacy and safety of VYEPTI for the preventive treatment of chronic migraine in adults

Methods
- A parallel-group, double-blind, placebo-controlled trial
- A total of 1072 patients were randomized and received placebo (n=366), VYEPTI 100 mg (n=356), or VYEPTI 300 mg (n=350) every 3 months for 6 months

Summary of endpoints

Primary endpoint (see Figure 3)
Change from baseline in mean monthly migraine days (MMD), Months 1-3

Key secondary and other secondary endpoints
(see Table 2 and Figure 4)
- ≥75% migraine responder rate (MRR), Month 1 and Months 1-3
- Percentage of subjects with migraine Day 1 post-dose
- Mean reduction in migraine prevalence from baseline to Week 4

Summary of findings

VYEPTI (100 mg) preventive treatment for patients with chronic migraine:

- Significantly reduced mean MMD compared to placebo (Months 1-3, p<0.001, primary endpoint)
- Early benefit seen within the first 7 days, and as soon as Day 1 post-infusion*
  *Data represents mean percent of patients based on observed data.
  †One month was defined as 28 consecutive days.
- Migraine incidence was reduced by 50.3% on Day 1 following infusion (vs 27.1% with placebo, p<0.0001)
- 26.7% of patients experienced at least 75% fewer migraine days during Months 1-3 (vs 15% with placebo, p<0.001)†
- 30.9% of patients experienced ≥75% fewer migraine days after 1 month (vs 15.6% with placebo, p<0.0001)
- The most common adverse reactions (≥2% and at least 2% or greater than placebo) in the clinical trials for the preventive treatment of migraine were nasopharyngitis and hypersensitivity

Please see below for complete Indication and Important Safety Information.

VYEPTI 100 mg is the recommended dose. Some patients may benefit from the available and approved 300 mg dose. For more information on the 300 mg data, please see the Prescribing Information.

INDICATION

VYEPTI is indicated for the preventive treatment of migraine in adults.

IMPORTANT SAFETY INFORMATION

CONTRAINDICATIONS

VYEPTI is contraindicated in patients with serious hypersensitivity to eptinezumab-jjmr or to any of the excipients. Reactions have included angioedema.

WARNINGS AND PRECAUTIONS

Hypersensitivity reactions: Hypersensitivity reactions, including angioedema, urticaria, facial flushing, and rash, have occurred with VYEPTI in clinical trials. Most hypersensitivity reactions occurred during infusion and were not serious, but often led to discontinuation or required treatment. Serious hypersensitivity reactions may occur. If a hypersensitivity reaction occurs, consider discontinuing VYEPTI, and institute appropriate therapy.

ADVERSE REACTIONS

The most common adverse reactions (≥2% and at least 2% or greater than placebo) in the clinical trials for the preventive treatment of migraine were nasopharyngitis and hypersensitivity.

For more information, please see the accompanying Prescribing Information and Patient Information; or go to vyeptihcp.com.

References:

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HIGHLIGHTS OF PRESCRIBING INFORMATION
These highlights do not include all the information needed to use VYEPTI safely and effectively. See full prescribing information for VYEPTI.

VYEPTI™ (eptinezumab-jjmr) injection, for intravenous use
Initial U.S. Approval: 2020

INDICATIONS AND USAGE
VYEPTI is a calcitonin gene-related peptide antagonist indicated for the preventive treatment of migraine in adults (1)

DOSEAGE AND ADMINISTRATION
- Must dilute before use. For intravenous infusion only (2.1, 2.2)
- Recommended dosage is 100 mg as an intravenous infusion over approximately 30 minutes every 3 months. Some patients may benefit from a dosage of 300 mg (2.1, 2.3)
- Dilute only in 100 mL of 0.9% Sodium Chloride Injection, USP (2.2)

DOSAGE FORMS AND STRENGTHS
Injection: 100 mg/mL solution in a single-dose vial (3)

CONTRAINDICATIONS
VYEPTI is contraindicated in patients with serious hypersensitivity to eptinezumab-jjmr or to any of the excipients (4)

WARNINGS AND PRECAUTIONS
Hypersensitivity Reactions: Reactions have included angioedema, urticaria, facial flushing, and rash. If a hypersensitivity reaction occurs, consider discontinuing VYEPTI and initiate appropriate therapy (5.1)

ADVERSE REACTIONS
The most common adverse reactions (≥2% and 2% or greater than placebo) were nasopharyngitis and hypersensitivity (6.1)

To report SUSPECTED ADVERSE REACTIONS, contact Lundbeck at 1-800-455-1141 or FDA at 1-800-FDA-1088 or www.fda.gov/medwatch.

See 17 for PATIENT COUNSELING INFORMATION and FDA-approved patient labeling.
FULL PRESCRIBING INFORMATION

1 INDICATIONS AND USAGE

VYEPTI is indicated for the preventive treatment of migraine in adults.

2 DOSAGE AND ADMINISTRATION

2.1 Recommended Dosing

The recommended dosage is 100 mg administered by intravenous infusion every 3 months. Some patients may benefit from a dosage of 300 mg administered by intravenous infusion every 3 months.

2.2 Dilution Instructions

VYEPTI requires dilution prior to administration. Dilute only in 100 mL 0.9% Sodium Chloride Injection, USP. The infusion bags must be made of polyvinyl chloride (PVC), polyethylene (PE), or polyolefin (PO). Use appropriate aseptic technique when preparing VYEPTI solution for intravenous infusion. VYEPTI single-dose vials contain no preservative; discard unused portion remaining in the vial.

Dilution

100 mg dose:

To prepare the solution, withdraw 1 mL of VYEPTI from a single-dose vial using a sterile needle and syringe. Inject the 1 mL content into a 100 mL bag of 0.9% Sodium Chloride Injection, USP.

300 mg dose:

To prepare the solution, withdraw 1 mL of VYEPTI from each of 3 single-dose vials using a sterile needle and syringe. Inject the resulting 3 mL content into a 100 mL bag of 0.9% Sodium Chloride Injection, USP.

Storage and Handling of Diluted Product

Gently invert the VYEPTI solution to mix completely. Do not shake. Following dilution, VYEPTI solution must be infused within 8 hours. During this time, VYEPTI solution should be stored at room temperature, 20°C to 25°C (68°F to 77°F). Do not freeze.

2.3 Infusion Administration Instructions

Parenteral drug products should be inspected visually for particulate matter and discoloration prior to administration, whenever solution and container permit. Do not use if the liquid contains visible particulate matter or is cloudy or discolored [see Dosage Forms and Strengths (3)].

No other medications should be administered through the infusion set or mixed with VYEPTI. VYEPTI is for intravenous infusion only; infuse over approximately 30 minutes. Do not administer VYEPTI as an intravenous push or bolus injection. Use an intravenous infusion set with a 0.2 micron or 0.22 micron in-line or add-on sterile filter. After the infusion is complete, flush the line with 20 mL of 0.9% Sodium Chloride Injection, USP.

3 DOSAGE FORMS AND STRENGTHS

VYEPTI is a clear to slightly opalescent, colorless to brownish-yellow solution available as follows:

- Injection: 100 mg/mL in a single-dose vial
4 CONTRAINDICATIONS

VYEPTI is contraindicated in patients with serious hypersensitivity to eptinezumab-jjmr or to any of the excipients in VYEPTI. Reactions have included angioedema [see Warnings and Precautions (5.1)].

5 WARNINGS AND PRECAUTIONS

5.1 Hypersensitivity Reactions

Hypersensitivity reactions, including angioedema, urticaria, facial flushing, and rash, have occurred with VYEPTI in clinical trials. Most hypersensitivity reactions occurred during infusion and were not serious, but often led to discontinuation or required treatment. Serious hypersensitivity reactions may occur. If a hypersensitivity reaction occurs, consider discontinuing VYEPTI, and institute appropriate therapy [see Contraindications (4) and Patient Counseling Information (17)].

6 ADVERSE REACTIONS

The following clinically significant adverse reactions are described elsewhere in the labeling:

- Hypersensitivity Reactions [see Warnings and Precautions (5.1)].

6.1 Clinical Trials Experience

Because clinical trials are conducted under widely varying conditions, adverse reaction rates observed in the clinical trials of a drug cannot be directly compared to rates in the clinical trials of another drug and may not reflect the rates observed in clinical practice.

The safety of VYEPTI was evaluated in 2076 patients with migraine who received at least one dose of VYEPTI, representing 1615 patient-years of exposure; of these, 1524 patients were exposed to 100 mg or 300 mg. Across all doses, 1872 patients were exposed for at least 6 months and 991 patients were exposed for 12 months. In the placebo-controlled clinical studies (Study 1 and Study 2) of 1372 patients, 579 patients received at least one dose of VYEPTI 100 mg, 574 patients received at least one dose of VYEPTI 300 mg, and 588 patients received placebo [see Clinical Studies (14)]. Approximately 86% were female, 89% were white, and the mean age was 40.4 years at study entry.

The most common (incidence at least 2% and at least 2% greater than placebo) adverse reactions in the clinical trials for the preventive treatment of migraine were nasopharyngitis and hypersensitivity.

Table 1 summarizes the adverse reactions that occurred during Study 1 and Study 2.

Table 1. Adverse Reactions Occurring with an Incidence of at Least 2% for VYEPTI and at Least 2% Greater than Placebo in Studies 1 and 2

<table>
<thead>
<tr>
<th>Adverse Reactions</th>
<th>VYEPTI 100 mg N=579 %</th>
<th>VYEPTI 300 mg N=574 %</th>
<th>Placebo N=588 %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nasopharyngitis</td>
<td>6</td>
<td>8</td>
<td>6</td>
</tr>
<tr>
<td>Hypersensitivity reactions*</td>
<td>1</td>
<td>2</td>
<td>0</td>
</tr>
</tbody>
</table>

*Hypersensitivity reactions includes multiple related adverse event terms, such as hypersensitivity, pruritus, and flushing/hot flush that occurred on the day of dosing.

In Study 1 and Study 2, 1.9% of patients treated with VYEPTI discontinued treatment because of adverse reactions [see Warnings and Precautions (5.1)].
6.2 Immunogenicity
As with all therapeutic proteins, there is potential for immunogenicity. The detection of antibody formation is highly dependent on the sensitivity and specificity of the assay. Additionally, the observed incidence of antibody (including neutralizing antibody) positivity in an assay may be influenced by several factors, including assay methodology, sample handling, timing of sample collection, concomitant medications, and underlying disease. For these reasons, comparison of the incidence of antibodies to eptinezumab-jjmr in the studies described below with the incidence of antibodies in other studies or to other products may be misleading.

In patients receiving VYEPTI 100 mg or 300 mg every 3 months, the incidence of anti-eptinezumab-jjmr antibody development in Study 1 (up to 56 weeks) was 20.6% (92/447), and 41.3% (38/92) of those patients developed anti-eptinezumab-jjmr neutralizing antibodies. In Study 2 (up to 32 weeks), the incidence of anti-eptinezumab-jjmr antibody development was 18.3% (129/706), and 34.9% (45/129) of those patients developed anti-eptinezumab-jjmr neutralizing antibodies. In an open-label study with 84 weeks of treatment, 18% (23/128) of patients developed anti-eptinezumab-jjmr antibodies, and 39% (9/23) of those patients developed anti-eptinezumab-jjmr neutralizing antibodies.

Although the results from both studies showed no clear evidence of an impact from development of anti-eptinezumab-jjmr antibodies, including neutralizing antibodies, on the safety and efficacy profiles of VYEPTI, the available data are too limited to make definitive conclusions.

8 USE IN SPECIFIC POPULATIONS
8.1 Pregnancy
Risk Summary
There are no adequate data on developmental risks associated with the use of VYEPTI in pregnant women.

No adverse developmental effects were observed following administration of eptinezumab-jjmr to pregnant animals at doses greater than those used clinically [see Data].

In the U.S. general population, the estimated background risk of major birth defects and miscarriages in clinically recognized pregnancies is 2%-4% and 15%-20%, respectively. The estimated rate of major birth defects (2.2%-2.9%) and miscarriage (17%) among deliveries to women with migraine are similar to rates reported in women without migraine.

Clinical Considerations
Disease-Associated Maternal and/or Embryo/Fetal Risk
Published data have suggested that women with migraine may be at increased risk of preeclampsia and gestational hypertension during pregnancy.

Data
Animal Data
When eptinezumab-jjmr (0, 75, or 150 mg/kg) was administered weekly to female rats and rabbits by intravenous injection throughout organogenesis, no adverse effects on embryofetal development were observed. The higher dose tested (150 mg/kg) is 30 times the maximum recommended human dose (MRHD) of 300 mg, on a body weight basis (mg/kg).

When eptinezumab-jjmr (0, 75, or 150 mg/kg) was administered weekly to female rats throughout pregnancy and lactation, no adverse effects on pre- and postnatal development were observed. The higher dose tested (150 mg/kg) is 30 times the MRHD, on a mg/kg basis.
8.2 Lactation

Risk Summary
There are no data on the presence of eptinezumab-jmrm in human milk, the effects on the breastfed infant, or the effects on milk production. The developmental and health benefits of breastfeeding should be considered along with the mother’s clinical need for VYEPTI and any potential adverse effects on the breastfed infant from VYEPTI or from the underlying maternal condition.

8.4 Pediatric Use
Safety and effectiveness in pediatric patients have not been established.

8.5 Geriatric Use
Clinical studies of VYEPTI did not include sufficient numbers of patients aged 65 and over to determine whether they respond differently from younger patients.

11 DESCRIPTION

Eptinezumab-jmrm is a humanized immunoglobulin G1 (IgG1) monoclonal antibody specific for calcitonin gene-related peptide (CGRP) ligand. Eptinezumab-jmrm has an approximate molecular weight of 143 kD. Eptinezumab-jmrm is produced in Pichia pastoris yeast cells by recombinant DNA technology.

VYEPTI (eptinezumab-jmrm) injection is a sterile, preservative-free, clear to slightly opalescent, colorless to brownish-yellow solution, for intravenous infusion. VYEPTI is supplied as a 100 mg/mL single-dose vial. Each mL contains 100 mg eptinezumab-jmrm formulated in L-histidine (1 mg), L-histidine hydrochloride monohydrate (2.8 mg), polysorbate 80 (0.15 mg), sorbitol (40.5 mg), and Water for Injection, USP, at a pH of 5.8.

12 CLINICAL PHARMACOLOGY

12.1 Mechanism of Action
Eptinezumab-jmrm is a humanized monoclonal antibody that binds to calcitonin gene-related peptide (CGRP) ligand and blocks its binding to the receptor.

12.2 Pharmacodynamics
The relationship between the pharmacodynamic activity and the mechanism(s) by which eptinezumab-jmrm exerts its clinical effects is unknown.

12.3 Pharmacokinetics
Eptinezumab-jmrm exhibits linear pharmacokinetics and exposure increases proportionally with doses from 100 mg to 300 mg after intravenous administration. Steady-state plasma concentration is attained after the first dose with a once every 3-month dosing schedule.

Distribution
The central volume of distribution (Vc) for eptinezumab-jmrm is approximately 3.7 liters.

Metabolism & Elimination
Eptinezumab-jmrm is expected to be degraded by proteolytic enzymes into small peptides and amino acids.

The apparent clearance of eptinezumab-jmrm was 0.006 L/h, and the terminal elimination half-life was approximately 27 days.
Specific Populations
A population pharmacokinetic analysis assessing the effects of age, race, sex, and body weight did not suggest any clinically significant impact of these covariates on eptinezumab exposures.

Patients with Renal or Hepatic Impairment
No dedicated studies were conducted to assess the effects of renal or hepatic impairment on the pharmacokinetics of eptinezumab-jmjr. However, hepatic or renal impairment is not expected to affect the pharmacokinetics of eptinezumab-jmjr. A population pharmacokinetic analysis of integrated data from eptinezumab-jmjr clinical studies did not reveal clinically significant impact on pharmacokinetics of patients with hepatic or renal impairment.

Drug Interaction Studies
P450 Enzymes
Eptinezumab-jmjr is not metabolized by cytochrome P450 enzymes; therefore, interactions with concomitant medications that are substrates, inducers, or inhibitors of cytochrome P450 enzymes are unlikely.

Sumatriptan
The co-administration of a single dose of 300 mg eptinezumab-jmjr administered as an intravenous infusion (over a period of 1 hour ± 15 min) with a single dose of 6 mg sumatriptan administered subcutaneously did not significantly influence the pharmacokinetics of eptinezumab-jmjr or sumatriptan.

13 NONCLINICAL TOXICOLOGY
13.1 Carcinogenesis, Mutagenesis, Impairment of Fertility
Carcinogenesis
The carcinogenic potential of eptinezumab-jmjr has not been assessed.

Mutagenesis
Genetic toxicology studies of eptinezumab-jmjr have not been conducted.

Impairment of Fertility
When eptinezumab-jmjr (0, 75, or 150 mg/kg) was administered weekly by intravenous injection to male and female rats prior to and during mating and continuing in females to gestation day 3-4, no adverse effects on fertility were observed. The higher dose tested (150 mg/kg) is 30 times the maximum recommended human dose of 300 mg, on a body weight basis (mg/kg).

14 CLINICAL STUDIES
The efficacy of VYEPTI was evaluated as a preventive treatment of episodic and chronic migraine in two randomized, multicenter, placebo-controlled studies, both with 6-month double-blind periods: one study in patients with episodic migraine (Study 1) and one study in patients with chronic migraine (Study 2). VYEPTI was administered by intravenous infusion every 3 months in both studies; however, the primary endpoint was measured at 12 weeks.

Study 1: Episodic Migraine
Study 1 (NCT02559895) included adults with a history of episodic migraine (4 to 14 headache days per month, of which at least 4 were migraine days). A total of 665 patients were randomized to receive placebo (N=222), 100 mg VYEPTI (N=221), or 300 mg VYEPTI (N=222) every 3 months for 12 months. Patients were allowed to use concurrent acute migraine or headache medications, including migraine-specific medications (i.e., triptans, ergotamine derivatives), during the trial.

The study excluded patients with a history of cardiovascular disease (hypertension, ischemic heart disease), neurological disease, or cerebrovascular disease.

The primary efficacy endpoint was the change from baseline in mean monthly migraine days over Months 1-3. Secondary endpoints included the percentages of patients with 50% or greater, and 75% or greater reductions from baseline in monthly migraine days over Months 1-3.

Patients had a median age of 39 years (range: 18 to 71 years), 84% were female, and 84% were white. The mean migraine frequency at baseline was approximately 8.6 migraine days per month and was similar across treatment groups.

VYEPTI treatment demonstrated statistically significant improvements compared to placebo for the primary efficacy endpoint, as shown in Table 2; secondary endpoints are also summarized in Table 2.

Table 2. Efficacy Endpoint Results in Study 1

<table>
<thead>
<tr>
<th>Monthly Migraine Days (MMD) – Months 1-3</th>
<th>VYEPTI 100 mg N=221</th>
<th>VYEPTI 300 mg N=222</th>
<th>Placebo N=222</th>
</tr>
</thead>
<tbody>
<tr>
<td>Change from baseline</td>
<td>-3.9</td>
<td>-4.3</td>
<td>-3.2</td>
</tr>
<tr>
<td>Difference from placebo</td>
<td>-0.7</td>
<td>-1.1</td>
<td></td>
</tr>
<tr>
<td>p-value</td>
<td>0.018</td>
<td>&lt;0.001</td>
<td></td>
</tr>
<tr>
<td>≥50% MMD responders – Months 1-3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>% Responders</td>
<td>49.8%</td>
<td>56.3%</td>
<td>37.4%</td>
</tr>
<tr>
<td>Difference from placebo</td>
<td>12.4%</td>
<td>18.9%</td>
<td></td>
</tr>
<tr>
<td>p-value</td>
<td>0.009*</td>
<td>&lt;0.001</td>
<td></td>
</tr>
<tr>
<td>≥75% MMD responders – Months 1-3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>% Responders</td>
<td>22.2%</td>
<td>29.7%</td>
<td>16.2%</td>
</tr>
<tr>
<td>Difference from placebo</td>
<td>6.0%</td>
<td>13.5%</td>
<td></td>
</tr>
<tr>
<td>p-value</td>
<td>NS**</td>
<td>&lt;0.001</td>
<td></td>
</tr>
</tbody>
</table>

* Nominal statistical significance  
** NS = Not statistically significant

Figure 1 shows the mean change from baseline in average monthly migraine days in Study 1. Patients treated with VYEPTI at both doses had greater mean decreases from baseline in mean monthly migraine days over Months 1-3 compared to placebo-treated patients.
Figure 1. Change from Baseline in Monthly Migraine Days in Study 1

Figure 2 shows the distribution of change from baseline in mean monthly migraine days through Month 3 by treatment group in 2-day increments.

Figure 2. Distribution of Change from Baseline in Mean Monthly Migraine Days over Months 1 to 3 by Treatment Group in Study 1
Figure 3 demonstrates that greater percentages of placebo-treated patients had migraines on most days during the first 7 days of treatment compared to VYEPTI-treated patients in Study 1.

**Figure 3. Percentage of Patients with a Migraine from Day -1 (Day Prior to Infusion) to Day 7 in Study 1**

![Graph showing percentage of patients with a migraine from Day -1 to Day 7 in Study 1.]

**Study 2: Chronic Migraine**

Study 2 (NCT02974153) included adults with a history of chronic migraine (15 to 26 headache days per month, of which at least 8 were migraine days). A total of 1072 patients were randomized and received placebo (N=366), 100 mg VYEPTI (N=356), or 300 mg VYEPTI (N=350) every 3 months for 6 months. Patients were allowed to use and to continue an established stable regimen of acute migraine or headache preventive medication (except onabotulinumtoxinA). Patients with a dual diagnosis of chronic migraine and medication overuse headache attributable to acute medication overuse (triptans, ergotamine, or combination analgesics greater than 10 days per month) were included in the study population. Patients using opioids or butalbital-containing products greater than 4 days per month were not allowed.

The study excluded patients with a history of cardiovascular disease (hypertension, ischemic heart disease), neurological disease, or cerebrovascular disease.

The primary efficacy endpoint was the change from baseline in mean monthly migraine days over Months 1-3. Secondary endpoints included the percentages of patients with 50% or greater and 75% or greater reductions from baseline in monthly migraine days over Months 1-3.

Patients had a median age of 41 years (range: 18 to 65 years), 88% were female, and 91% were white. Forty-one percent of patients were taking concomitant preventive medication for migraine. The mean migraine frequency at baseline was approximately 16.1 migraine days per month and was similar across treatment groups.

VYEPTI treatment demonstrated statistically significant improvements compared to placebo for the primary efficacy endpoint, as shown in Table 3; secondary endpoints are also summarized in Table 3.
Table 3. Efficacy Endpoint Results in Study 2

<table>
<thead>
<tr>
<th></th>
<th>VYEPTI 100 mg</th>
<th>VYEPTI 300 mg</th>
<th>Placebo</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N=356</td>
<td>N=350</td>
<td>N=366</td>
</tr>
<tr>
<td>Monthly Migraine Days (MMD) – Months 1-3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Change from baseline</td>
<td>-7.7</td>
<td>-8.2</td>
<td>-5.6</td>
</tr>
<tr>
<td>Difference from placebo</td>
<td>-2.0</td>
<td>-2.6</td>
<td></td>
</tr>
<tr>
<td>p-value</td>
<td>&lt;0.001</td>
<td>&lt;0.001</td>
<td></td>
</tr>
<tr>
<td>≥50% MMD responders – Months 1-3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>% Responders</td>
<td>57.6%</td>
<td>61.4%</td>
<td>39.3%</td>
</tr>
<tr>
<td>Difference from placebo</td>
<td>18.2%</td>
<td>22.1%</td>
<td></td>
</tr>
<tr>
<td>p-value</td>
<td>&lt;0.001</td>
<td>&lt;0.001</td>
<td></td>
</tr>
<tr>
<td>≥75% MMD responders – Months 1-3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>% Responders</td>
<td>26.7%</td>
<td>33.1%</td>
<td>15.0%</td>
</tr>
<tr>
<td>Difference from placebo</td>
<td>11.7%</td>
<td>18.1%</td>
<td></td>
</tr>
<tr>
<td>p-value</td>
<td>&lt;0.001</td>
<td>&lt;0.001</td>
<td></td>
</tr>
</tbody>
</table>

Figure 4 shows the mean change from baseline in average monthly migraine days for Study 2. Patients treated with VYEPTI at both doses had greater mean decreases from baseline in mean monthly migraine days over Month 1-3 compared to placebo-treated patients.

**Figure 4. Change from Baseline in Monthly Migraine Days in Study 2**

![Graph showing mean change from baseline in average monthly migraine days](image)

Figure 5 shows the distribution of change from baseline in mean monthly migraine days through Month 3 by treatment group in 3-day increments.
Figure 5. Distribution of Change from Baseline in Mean Monthly Migraine Days over Months 1-3 by Treatment Group in Study 2

Figure 6 demonstrates that greater percentages of placebo-treated patients had migraines on individual days during the first 7 days of treatment compared to VYEPTI-treated patients in Study 2.
Figure 6. Percentage of Patients with a Migraine from Day -1 (Day Prior to Infusion) to Day 7 in Study 2

16 HOW SUPPLIED/STORAGE AND HANDLING

16.1 How Supplied
VYEPTI (eptinezumab-jjmr) injection is a clear to slightly opalescent, colorless to brownish-yellow solution supplied as:

Carton containing one 100 mg/mL single-dose vial - NDC 67386-130-51.

16.2 Storage and Handling
Store refrigerated at 2°C to 8°C (36°F to 46°F) in the original carton to protect from light until time of use. Do not freeze or shake.

The vial stopper is not made with natural rubber latex.

17 PATIENT COUNSELING INFORMATION

Advise the patient to read the FDA-approved patient labeling (Patient Information).

Hypersensitivity Reactions
Inform patients that hypersensitivity reactions, including angioedema, urticaria, facial flushing, and rash, can occur. Advise patients to contact their healthcare provider immediately if signs or symptoms of hypersensitivity reactions occur [see Warnings and Precautions (5.1)].

Pregnancy
Advise patients to notify their healthcare provider if they become pregnant during treatment or plan to become pregnant [see Use in Specific Populations (8.1)].
Lactation
Inform patients to notify their healthcare provider if they are breastfeeding or plan to breastfeed [see Use in Specific Populations (8.2)].

Manufactured by:
Lundbeck Seattle BioPharmaceuticals, Inc.
11804 North Creek Parkway South
Bothell, WA 98011 USA
U.S. License No. 2097

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