

## ULTOMIRIS® (ravulizumab-cwvz) demonstrated sustained improvements in functional activities and quality of life in adults with generalized myasthenia gravis through 60 week

April 6 202

Analysis of Phase III CHAMPION-MG trial open-label extension adds to growing body of safety and efficacy data for ULTOMIRIS in generalized myasthenia gravis

Patients who transitioned from placebo to ULTOMIRIS showed rapid and sustained response, reinforcing clinical benefit of C5 inhibitio

WLIMINION D. E., April E. 2022 - Next, prolonged followare presults from the Phase III CHAMPION-MGI risid open-babel extension (D.E.) showed that ULTOMIRIS® (ravulzanab-owar) demonstrated large-term efficacy in adults with arti-acetylctroline receptor (ACR); antibody-positive generalized mysatheria gravis (gMC), with improvements in activities of daily king, muscle strength and quality of life, sustained through 60 weeks L ULTOMIRIS® acts as low relicted in the Demonstrated properties and project strength and quality of life, sustained through 60 weeks L ULTOMIRIS® acts as low relicted in the Demonstrated project strength and quality of life, sustained through 60 weeks L ULTOMIRIS® acts as low relicted in the Demonstrated project strength and quality of life, sustained through 60 weeks L ULTOMIRIS® acts as low relicted in the Demonstrated project strength and quality of life, sustained through 60 weeks L ULTOMIRIS® acts as low relicted in the Demonstrated project strength and quality of life, sustained through 60 weeks L ULTOMIRIS® acts as low relicted in the Demonstrated project strength and quality of life, sustained through 60 weeks L ULTOMIRIS® acts as low relicted in the Demonstrated project strength and quality of life, sustained through 60 weeks L ULTOMIRIS® and low relicted project strength and quality of life, sustained through 60 weeks L ULTOMIRIS® and low relicted project strength and quality of life strength and low relicted project strength and low relicted project

Results from the trial were presented on April 5 at the 2022 American Academy of Neurology (AAN) Annual Meeting

MG is a zero debilitation chronic autoimmune neuromuscular disease that leads to a loss of muscle function and source weakness 2 Symptoms of nMG may include disabling failure started speech, difficulty equallyming and eating during immobility requiring assistance shortness of breath and enjoyates of resolutions failure 3.6.

Professor American Fi-Horsact, X. M.D. Department of Neurology of The University of Association and Section of Medicine and lead primary investigator in the C-HMPON-MG fail and "gMG is a complex, deceasing is san investment restaurance global properation of the complex of the

imptorms, regain control of their lives and experience sustained clinical benefit through 60 weeks. We are deeply grateful for continued input and collaboration from the gMG community."

ULTOMIRIS demonstrated statistically significant improvements from baseline (defined as initiation of ULTOMIRIS therapy) in measures of functional activity, muscle strength and quality of life at 60 weeks of the O.E. including Myastherias Gravie-Activities of Daily Living [MG-ADL] ball score (4.0 [89]) Cit 4.8, -3.1], p-0.0001). Additionally, patients transitioning from placebe (ref. 83) showed rapid response at a similar magnitude

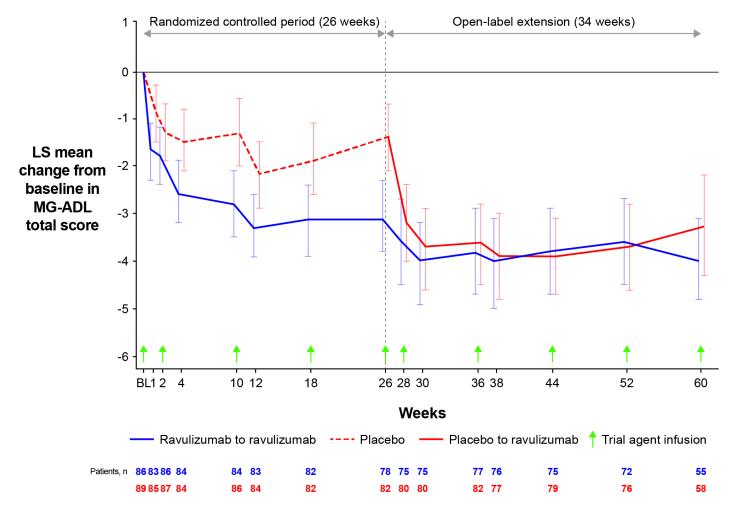
Summary of officacy regulte

Changes in scores from RCP baseline among patients who received ULTOMIRIS for 60 weeksi,ii

	Analysis at week 60 of ULTOMIRIS treatment (n=78)
MG-ADL Total Score	-4.0 [95% CI -4.8, -3.1], p<0.0001
Quantitative Myasthenia Gravis Total Score	-4.1 [95% CI -5.4, -2.9], p<0.0001
Revised 15-Item Myasthenia Gravis Quality of Life Score	-5.0 [95% CI -6.9, -3.1], p<0.0001
Neurological Quality of Life Fatigue Subscale Score	-10.2 [95% CI -15.1, -5.3], p<0.0001

i. Results analyzed using mixed-effect model for repeated measures, reported as least squares mean change from RCP baseline

# LS mean change (95% CI) from RCP baseline in MG-ADL total score



The safety and blenshilly were consistent with the known safety profile of ULTOMIRIS dozened in the RCP of CHAMPION-MIG and other approved indications. The most common adverse events (AEs) (occurring in greater than or equal to 10% of 169 patients treated with LATOMIRIS in the RCP and or OLE) were headable (16.0%) and dearthea (13.0%).1

Regulatory submissions for ULTOMIRIS for the treatment of gMG are currently under review with multiple health authorities, including in the United States (US), European Union (EU) and Japan

IMPORTANT SAFETY INFORMATION INCLUDING BOXED WARNING

What is the most important information I should know about ULTOMIRIS?

ULTOMIRIS is a medicine that affects your immune system and can lower the ability of your immune system to fight infections.

- ULTOMIRIS increases your chance of getting serious and life-threatening meningococcal infections that may quickly become life-threatening and cause death if not recognized and treated early.
  - ou must receive meningococcal vaccines at least 2 weeks before your first dose of ULTOMIRIS if you are not vaccinated.
  - our doctor decided that urgent treatment with ULTOMIRIS is needed, you should receive meningococcal vaccination as soon as possible.

    Ju have not been vaccinated and ULTOMIRIS therapy must be initiated immediately, you should also receive 2 weeks of antibiotics with your va-
- If you have not been vaccinated and ULTOMIRIS therapy must be initiated immediately, you should also receive 2 weeks of antibiotics with your vacc If you had a meningococcal vaccine in the past, you might need additional vaccination. Your doctor will decide if you need additional vaccination.
- 5. Meninggoocal vaccines reduce but do not prevent all meningooccal infections. Call your doctor or get emergingy medical cale in feight away if you get any of these signs and symptoms of a meningoocccal infection: headache with nausea or vomiting, headache and fever, headache with a stiff neck or stiff back, tever, fever and a rash, confusion, muscle aches with finishes exortions and news seculiates to the diverse security or the stiff back and a restrict or stiff back and a

doctor will give you a Patient Safety Card about the risk of meningococcal infection. Carry it with you at all times during treatment and for 8 months after your last ULTOMIRIS dose. It is important to show this card to any doctor or nurse to help them diagnose and treat you quickly

UNTOWERS (a red) available through a program called the UNTOWERS EXEM. Solicy you can receive uNTOWERS EXEM. Solicy you are received with a meningeococcul infection, give you information and a Patient Safety Card about the symptoms and your risk of meningeococcul infection (see a Solicy you can receive until COMERS or solicy you are vocationable with a meningeococcul infection.

ULTOMIRIS may also increase his effect of other types of serious infections. Make zure your child receives vaccinations against Streptococcus pneumoniae and Haemophilus influenzae type b (He) if treated with ULTOMIRIS, Call your doctor right away if you have any new signs or symptoms of infection.

Eleven parients discontinued OLE prior to the data cut-off

Before you receive ULTOMIRIS, tell your doctor about all of your medical conditions, including if you: have an infection or fever, are pregnant or plan to become pregnant, and are bre

Tell your doctor about all the vaccines you receive and medicines you take, including prescrip

If you have PHH and you stop receiving ULTOMRIS, your doctor will need to monitor you closely for at least 16 weeks after you stop ULTOMRIS. Stopping ULTOMRIS. Stopping ULTOMRIS and you are blood cells due to PNH. Symptoms or problems that can happen due to red blood cell breakdown include: drop in your red blood cell count, frediress, blood in your wrine, stomach-area (abdor storach, blood does, toolle sealburing, and encelle dyslandion (EU) in make.

If you have aHUS, your doctor will need to monitor you closely for at least 12 months after stopping treatment for signs of worsening aHUS or problems related to a type of abnormal clotting and breakdown of your red blood cells called thrombotic microangiopathy (TMA). Symptoms or problems that can happen with TMA may include; confusion or loss of consciousness, seizures, chest pain (angina), difficulty breathing and blood clots or strice.

What are the possible side effects of ULTOMRIS?

\*\*ULTOMRISS\*\*\* Concesses serious side effects in cludding influsion-related reactions. Symptoms of an influsion-related reaction with ULTOMRIS may include lower back pair, feeling faint or discomfort in your arms or legs. Tall your doctor or nurse right sway if you develop these symmotions between your attributes of lowers. Investigation of your facts, toxings, or shout, and feel faint or pass out.

The most common side effects of ULTOMIRIS in people treated for PNH are upper respiratory tract infection and headache

The most common side effects of ULTOMRIS in people with aFUS are upper respiratory tract infection, diarnhea, nausea, vomiting, headache, high blood pressure and fever.
Tell your doctor about any side effect that bothers you or that does not go away. These are not all the possible side effects of ULTOMRIS. For more information, ask your doctor or pharmacist. Call your doctor right away if you miss an ULTOMRIS infusion or for medical advice about side effects. You may report side effects to FDA at 1400 FDA-1088

### INDICATIONS

What is ULTOMIRIS? ULTOMIRIS is a prescription medicine used to treat

- adults and children 1 month of age and older with a disease called Paroxysmal Noctumal Hemoglobinuria (PNH).
   adults and children 1 month of age and older with a disease called atypical Hemolytic Uremic Syndrome (aHUS). ULTOMIRIS is not used in treating people with Shiga toxin E. coli related hemolytic uremic syndrome (STEC-HUS).

Please see the accompanying full Prescribing Information and Medication Guide for ULTOMIRIS, including Boxed WARNING regarding serious and life-threatening meningococcal infections/sepsis

gMG is a rare autoimmune disorder characterized by loss of muscle function and severe muscle weakness.2

85% of Species with MSL are ADRR Ab. meaning they produce appoilts unifoodes genit ACRR) that band to agreed recognises the measures produce and the muscles they control. This binding activates the complement system, which is essential to the body's defense against infection, causing the immune system to attack the MALI 2 This leads to inflammation and a brin communication between the brain and the muncles 2.

gMG can occur at any age, but most commonly begins for women before the age of 40 and for men after the age of 60.6-8 Initial symptoms may include slurred speech, double vision, droopy eyelids, and lack of balance; these can often lead to more severe symptoms as the disease progresses such as, impaired swallowing, choking, extreme fatigue, and respiratory failure. 4,9

The global Phase III moderated, deploid-blind, placeto-controlled, multicorter 28-work tride valuated the subject year of filtings of ULT/DMSRS in adults with \$40 miles are previously intended with a complement inhibitor medicine. The trial entended 175 pointers across both America, Europe, Asia Pacidic and Lipson, Particological places as an entermined previously assessed with a complement of previously assessed previousl

Patients were randomized 1:1 to receive ULTOMIRIS or placebo for a total of 26 weeks. Patients received a single weight-based loading dose on Day 1, followed by regular weight-based and quality-of-life measures.

Patients who completed the randomized control period were eligible to continue into an open-tabel extension period evaluating the safety and efficacy of ULTOMIRIS, which is ongoing.

## III TOMIDIS

inhibition. The medication works by inhibiting the C5 protein in the terminal complement cascade, a part of the body's immune system. When activated in an uncontrolled manner, the complement cascade over-responds, leading the body to attack its own healthy cells. ULTOMIRIS is ULTOMIRIS (ravulzumab-cwz), the first and only long-acting C5 complement inhibitor, offers immediate, complete and sustained complem administered intravenously every eight weeks in adult patients, following a loading dose.

ULTOMIRIS is approved in the US, EU and Japan for the treatment of certain adults and children with paroxysmal nocturnal hemoglobinuria (PNH) based on the ALXN1210-PNH-302 and ALXN1210-PNH-304 Phase III trials.

Additionally, ULTOMIRIS is approved in the US, EU and Japan for certain adults and children with atypical hemolytic uraemic syndrome (aHUS) based on the ALXN1210-aHUS-311 and ALXN1210-aHUS-312 Phase III trials

As part of a broad development program, ULTOMIRIS is being assessed for the treatment of additional hematology and neurology indications.

Alson, Australence Rave Disease, is the group with Astralence Roused on me desease, created following the 2011 exquisition of Asiano Ammunocuticals, in. As a leader in me desease for ready 30 years. Asiano in focused on serving patients and families affected by mer diseases and development of contracting conditions. Through the discovery, development are accommendation of III e-changing medicines. Asken in Source account of patients and sensitive and in contracting medicines and in development relief for the metalogies, representating extension account the gibbs and sension of security and patient account for patient and sensitive account the gibbs and sension account the gibbs and sensitive account the gibbs and sension account the gibbs and sensitive account the gibbs and sension account the gibbs and sensitive account the gib

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Lisa Taylor +1 857 338 9025

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