monkeys at repeated doses for 28 days or in 6-month rat and 9-month monkey chronic toxicity studies. Carfilzomib caused embryofetal toxicity (increased pre-implantation losses, early resorptions, and post-implantation losses, and decreased tetal weight) in pregnant rabbits at doses lower than those received by patients at the recommended dose. Carfilzomib administered to pregnant rats during organogenesis was not teratogenic at doses up to 2 mg/kg/day, which is approximately half the recommended dose in humans of 27 mg/m² based on BSA.

alternative effective contraceptive method. Before starting CARFIZOL® treatment, women of childbearing potential should undergo pregnancy tests to rule out pregnancy.

Male patients should use effective contraceptive methods during treatment and for 3 months after its completion if their partner is pregnant or of childbearing age and not using effective contraceptive methods.

ADVERSE REACTIONS

Serious adverse reactions that may occur during treatment with CARFIZOL® include heart failure. Procardial infarction conditions are also as a condition and the condition are also as a condition are also as a condition and the condition are also as a condition and the condition are also as a condition are also

Animal studies have shown reproductive toxicity.

Considering its mechanism of action and findings in animals, carfilzomib

reactivation, posterior reversible encephalopathy syndrome (PRE

Effects on the ability to drive and use machines
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mild glomerulopatny and mild cardiac inhammation. Inese mindings were observed at 6 mg/m², which is below the recommended dose in humans of 27 mg/m². Betuilty studies have not been conducted with carfilzomib. No effects on the productive tissues were observed during toxicity studies in rats and monkeys at repeated doses for 28 days or in 6-month rat and 9-month monkey chronic toxicity studies.

No initial oose adjustment of CARFIZUE* is required for patients with initial onese adjustment of CARFIZUE* is required in pariment or patients with initial obse adjustment of CARFIZUE* is required in pariment or patients with initial obse adjustment of CARFIZUE* is required in pariment or patients with initial obse adjustment of CARFIZUE* is required in pariment or patients with initial obse adjustment of CARFIZUE* is required in pariment or patients with initial obse adjustment of CARFIZUE* is required in pariment or patients with initial obse adjustment of CARFIZUE* is required in pariment or patients on the mild, moderate, or severe pressiting renal impairment or patients on the mild, moderate, or severe pressiting end and initial obse adjustment of CARFIZUE* is required to pariment or patients with mild, moderate, or severe pariments or pariment or patients with mild, moderate, or severe pariments or patients on the mild, moderate, or severe pariments or patients or chronic dialysis. Since clearance of carfillomib strengths during dialysis. Since

Women of childbearing potential/male and female contraception
Women of childbearing potential (and/ or their partners) should use effective contraceptive methods during treatment and for up to one month after its completion.

The effectiveness of oral contraceptives may not be guaranteed during treatment with carfilzomib. Furthermore, due to an increased risk of CARFIZOL® by 25%.

treatment with carfilzomib. Furthermore, due to an increased risk of venous thromboembolic events associated with carfilzomib, women should avoid the use of hormonal contraceptives associated with thrombosis risk during CARFIZOL® treatment. If a patient is currently using oral contraceptives or any hormonal contraception method associated with thrombosis risk, the patient should switch to an illernative effective contraceptive method. Refere staticing CARFIZOL® treatment, women of childhaving noterial imited efficacy and safety data in this population.

CARFIZOL® include heart failure, myocardial infarction, cardiac arrest, smechanism of action, carfilzomib may affect fertility in both myocardial ischemia, interstitial lung disease, pneumonitis, acute respiratory distress syndrome, acute respiratory impairment, pulmonary hypertension, dyspnea, hypertension including hypertensive crises acute renal impairment, tumor lysis syndrome, infusion reaction oo data regarding the use of carfilzomib in pregnant women.

udies have shown reproductive toxicity.

acute renal impairment, tumor lysis syndrome, infusion reaction gastrointestinal hemorrhage, intractanial hemorrhage, thrombocytopenia, hepatic impairment, hepatitis B virus. Considering its mechanism of action and findings in animals, carfilzomib may have harmful effects on the fetus if administered to a pregnant woman. CARFIZOL® should not be used during pregnancy unless the potential benefit clearly outweights the potential risks to the fetus. If CARFIZOL® is used during pregnancy or if the patient becomes pregnant while taking this medication, the patient should be informed of the potential risks to the fetus. If enalidomide is structurally similar to thalidomide. Thalidomide is a known teratogenic agent in humans, causing severe and potentially atal birth defects in newborns. If lenalidomide is used during pregnancy, teratogenic effects of lenalidomide is used during pregnancy, teratogenic effects of lenalidomide in humans are expected. The conditions of the Pregnancy Prevention Program for lenalidomide must be strictly adhered to unless there is reliable evidence that the patient is not fertile. Please refer to the approved and current lenalidomide of severity within each frequency interval.

Lactation
It is unknown whether carfilzomib or its metabolites are excreted in breast milk. Based on its pharmacological properties, the risk to nursing infants cannot be excluded. Therefore, as a precautionary measure, breastfeeding is contraindicated during and for at least 2 days after the completion of treatment with CARFIZOL®.

Is minor.

Fatigue, dizziness, fainting, blurred vision, drowsiness, and/ or a drop in blood pressure have been observed in clinical studies. Patients treated with CARFIZOL* should be advised not to drive or operate machinery if they experience any of these symptoms.

Blood and lymphatic system disorders

Common: thrombocytopenia, neutropenia, anemia, lymphopenia; leukopenia. Uncommon: febrile neutropenia. Rare: HUS, TIP, thrombotic microangiopathy.

Eye disorders Uncommon: cataracts, blurred vision.

Ear and labyrinth disorders. Uncommon: tinnitus.

Vascular disorders

Common: hypertension. Uncommon: deep vein thrombosis, hypotension, llushing. Rare: hypertensive crisis, hemorrhage, hypertensive emergency.

Hepatic impairment

Respiratory, thoracic and mediastinal disorders Common: dyspnea, cough. Uncommon: pulmonary em

dema, epistaxis, oropharyngeal pain, dysphonia, wheezing, pulmonary

<u>Peripheral neuropathy</u>

<u>Peripheral neuropathy</u>

In an open-label, multicenter, randomized study in patients receiving

Musculoskeletal and connective tissue disorders.

Common: back pain, arthralgia, limb pain, muscle spasms. Uncommon: infections were reported as serious adverse events, with fatal events musculoskeletal pain, musculoskeletal chest pain, bone pain, myalgia, occurring in 1.3% of patients in the carfilzomib/ dexamethasone.

Renal and urinary disorders

Secondary primary malignancies

Common: elevated blood creatinine. Uncommon: acute renal failure. In clinical studies in combination with daratumumab and dexamethasone

Description of selected adverse reactions

Metabolism and nutrition disorders

Common: hypokalemia, decreased appetite. Uncommon: dehydration, hyporkalemia, hypomagnesemia, hyponalemia, hypoposhatemia, hypoposhatemia, hypoposhatemia, hypoposhatemia, hypoposhatemia, hypoposhatemia, hypoposhatemia, hyposhatemia, hyposhatemia of subjects experienced grade >3 events), were resolved, rarely led to

Cases of hypertensive crises (hypertensive urgency or hypertensive emergency) have occurred following carfilzomib administration. Some of these events have been fatal. In clinical studies, hypertension adverse events occurred in approximately 21% of subjects, with 8% experiencing Nervous System disorders. Common: dizziness, peripheral neuropathy*, grade ≥ 3 hypertension events, but hypertensive crises occurred neadache, Uncommon: paresthesia, hypoesthesia. Rare: intracranial of patients. The incidence of hypertension adverse events was similar between those with or without a history of pre-existing hypertension.

tenal failure, renal impairment, decreased renal creatinine clearance.

secondary primary malignancies were reported in both treatment groups (1.9% in the carfilzomib/ dexamethasone/ daratumumab group and

General disorders and administration site conditions
Common: pyrexia, peripheral edema, asthenia,
Uncommon: chest pain, pain, influsion site reaction, flu-like illness,
malaise. Rare: multiorgan failure.

Complementary investigations
Uncommon: elevated Creactive protein, hyperuricemia.

Complementary investigations
Uncommon: elevated Creactive protein, hyperuricemia.

Advast complications

The first pain in the carfilzomib/ dexametasion opportunistic infections were reported in both treatment groups (9.4% in the carfilzomib/ dexametasione/ daratumumab group and 3% in the carfilzomib/ dexametasione/ daratumumab group and 3% in the carfilzomib/ dexametasione/ daratumumab group and 3% in the carfilzomib/ dexametasione/ daratumumab group include herpes zoster, oral candidiasis, oral herpes, and herpes simplex.

experiencing grade 23 events. Cantizonion induces triorinously uppenia by inhibiting platelet budding from megakaryocytes, resulting in a classic cyclic thrombocytopenia with platelet nadir around Day 8 or 15 of each 28-day cycle, typically associated with a recovery to baseline levels at the start of the next cycle.

Uncommon: heart failure, myocardial infarction, atrial fibrillation, fachycardia, reduced ejection fraction, palpitations. Rare: cardiac arrest, tardiomyopathy, myocardial ischemia, pericarditis, pericardial effusion, yentriculartachycardia.

Vascular disorders

Vascular disorders

Sastrointestinal disorders
Common: vomiting, diarrhea, constipation, abdominal pain, nausea.
Uncommon: gastrointestinal hemorrhage, dyspepsia, dental pain.
Rare: gastrointestinal perforation, acute pancreatitis.

Hepatobiliary disorders
Uncommon: increased alanine aminotransferase, increased uspending and patients in carfilzomib/ dexamethasone, grade 2 or higher peripheral neuropathy, events were reported in 10.1% of relapsed multiple myeloma patients in the bortezomib-treated group at the planned overall survival analysis. In another study, grade 2 or higher peripheral neuropathy events were reported in 10.1% of relapsed multiple myeloma patients in the bortezomib-treated group at the planned overall survival analysis. In another study, grade 2 or higher peripheral neuropathy events were reported in 10.1% of relapsed multiple myeloma patients in carfilzomib/ treated group at the planned overall survival analysis. In another study, grade 2 or higher peripheral neuropathy events were reported in 7% of relapsed multiple myeloma patients in carfilzomib-treated group at the planned overall survival analysis. In another study, grade 2 or higher peripheral neuropathy events were reported in 7% of relapsed multiple myeloma patients in carfilzomib-treated group at the planned overall survival analysis. In another study, grade 2 or higher peripheral neuropathy events were reported in 7% of relapsed in 10.1% of relapsed multiple myeloma patients in carfilzomib-treated group at the planned overall survival analysis. In another study, grade 2 or higher peripheral neuropathy events were reported in 10.1% of relapsed patients in tarfilzomib-treated group at the planned overall survival analysis. In another study, grade 2 or higher peripheral neuropathy events were reported in 10.1% of relapsed patients in carfilzomib-treated group.

Uncommon: increased alanine aminotransferase, aspartate aminotransferase, increased gamma-glutamyltransferase, hyperbilirubinemia. Rare: renal impairment, cholestasis.

Infusion reactions
In clinical, studies, the risk of infusion reactions was higher when

pf patients aged <65 years and 14% of patients aged ≥65 years in the tarfilzomib/ dexamethasone/ datatumumab group; in the carfilzomib/ There is no known specific antidote for carfilzomib overdose. In the dexamethasone group, these events occurred in 8% of patients aged ≥65 years and 3% of patients aged ≥65 years.

mgol carfilzomib

There is no known specific antidote for carfilzomib overdose. In the event of an overdose, the patient should be monitored specifically for the adverse reactions mentioned in the corresponding section.

voluntarilyfrom a population of uncertain size, it is not always possible to teliably estimate their frequency or establish a causal relationship with drug exposure. These reactions include hemolytic uremic syndrome, hepatitis B reactivation, gastrointestinal perforation, pericarditis, and tystomegalovirus infection, including chorioretinitis, pneumonitis,

OVERDOSE

Eurrently, there is not enough information to conclude on the safety of doses higher than those evaluated in clinical studies of carfilzomib. The sudden onset of chills, hypotension, renal impaiment, thrombocytopenia, and lymphopenia has been reported following an accidental dose of 200

This medication is notice only be used under medical prescription and supervision and cannot be repeated without a new medical prescription. The supervision and cannot be repeated without a new medical prescription. The supervision and cannot be repeated without a new medical prescription. The supervision and cannot be repeated without a new medical prescription. The supervision and cannot be repeated without a new medical prescription and supervision and cannot be repeated without a new medical prescription. The supervision and cannot be repeated without a new medical prescription. The supervision and cannot be repeated without a new medical prescription. The supervision and cannot be repeated without a new medical prescription. The supervision and cannot be repeated without a new medical prescription. The supervision and cannot be repeated without a new medical prescription. The supervision and cannot be repeated without a new medical prescription. The supervision and cannot be repeated without a new medical prescription. The supervision and cannot be repeated without a new medical prescription. The supervision and cannot be repeated without a new medical prescription. The supervision and cannot be repeated without a new medical prescription. The supervision and cannot be repeated without a new medical prescription. The supervision and cannot be repeated without a new medical prescription. The supervision and cannot be repeated without a new medical prescription. The supervision and cannot be repeated without a new medical prescription. The supervision and cannot be repeated without a new medical prescription. The supervision and cannot be repeated without a new medical prescription. The supervision are supervision

Adverse reactions have been identified during the use of carfilzomib following its approval. Because these reactions were reported

Control Centers:

HOSPITAL DE PEDIATRÍA RICARDO GUTIÉRREZ:**

HOSPITAL DE PEDIATRÍA RICARDO GUTIÉRREZ:**

HOW SUPPLIED

Reporting suspected adverse reactions
Following drug authorization, it is important to report suspected adverse drug reactions. This allows for ongoing monitoring of the benefit risk assessment benefit-risk assessment.
Healthcare professionals are encouraged to report suspected adverse reactions through the National Pharmacovigilance System at the following link: http://sistemas.anmat.gov.ar/aplicaciones_net/fvg_eventos_adversos_nuevo/index.htlm and/ or to the Pharmacovigilance Department of Gador S.A. via e-mail at farmacovigilancia@gador.com or by calling 0800-220-2273 (CARE).

STORAGE AND HANDLING
Store in a refrigerator between 2°C and 8°C, in its original package to protect from light. Once reconstituted, the solution remains stable for 24 hours in the refrigerator (between 2°C and 8°C) or for 4 hours at room temperature (15°C-30°C).

Patient information

Composition Fach CARFIZOL® vial contains:

Hepatitis B virus reactivation In clinical studies, the incidence of hepatitis B virus reactivation was 0.6% in the carfilzomib/ dexamethasone/ daratumumab group and 0%

What CARFI7OI® is and what it is used for

can contribute by reporting any adverse events you may experience. who have had at least one prior treatment for this disease. Multiple In this leaflet, you will find the contact information for reporting any myeloma is a cancer of plasma cells (a type of white blood cel lease read this entire leaflet carefully before starting to take this other medicines used to treat multiple myeloma. medication, and each time it is prescribed to you, as there may be new information. This information does not replace discussing your health

• What you need to know before starting to use CARFIZOL*

Leaflet content

What you need to know before starting to use CARFIZOL®
How to use CARFIZOL®
Possible side effects of CARFIZOL®
Reminder

CARFIZOL® is a medicine that contains the active inglocions carfilzomib.

3000 mg
57.7 mg
q.s. pH 3.5

CARFIZOL® causes the death of malignant cells.

CARFIZOL® causes the death of malignant cells.

Every this leaflet, as you may need to read it again.
 If you have any doubts, ASK YOUR DOCTOR.
 This medication has been prescribed only for you, and you should not give it to other people even if they have the same symptoms as you, as it may be harmful to them.
 If you experience unwanted effects, ASK YOUR DOCTOR, even if they are possible side effects not listed in this leaflet.

Your doctor will examine you and review your complete medical history. Your will be closely monitored during treatment.
Before starting treatment with CARFIZOL® and during treatment, blood tests will be performed. This is to check that you have enough blood cells and your liver and kidneys are working properly. Your doctor or nurse will ensure that you receive an adequate amount of fluids.

You should read the leaflet for all the medicines you take in combination with CARFIZOL®, so you can understand the information related to

these medicines. You must not use CARFIZOL®

- If you are allergic to carfilzomib or any of the other components of

CARFIZOL® is a medicine that contains the active ingredient

Use of CARFIZOL® with other medicines

Symptoms to be alert to

Inform your doctor if you are taking, have recently taken, or might need to take any other medicines, including any medicines obtained without a prescription, such as vitamins or herbal remedies.

Tell your doctor or nurse if you are taking medications used to (011) 4654-6648/4658-7777

Pregnancy and lactation Possible side effects of CARFIZOL®

Warnings and precautions

Talk to your doctor or nurse before using CARFIZOL* if you have any of the conditions listed below. Additional tests may be required to ensure that your heart, kidneys, and liver are working correctly.

Heart problems, including a history of chest pain (angina pectoris), heart attack, irregular heartbeat, or if you have ever taken a medicine Ung problems, including a history of shortness of breath at rest or during activities (dyspnea).

 Ung problems, including a history of shortness of breath at rest or during activities (dyspnea).

Kidney problems, including kidney failure, or if you have ever received dialysis.

 Formentaking CARFIZOL* While taking CARFIZOL* and up to 90 days after discontinuing.

 Unusual bleeding, including easy bruising or bleeding from an injury, such as a cut that takes longer than expected to stop bleeding; or internal bleeding such as coughing up blood, vomiting up blood, black stools, or bright red blood in your stools or brain

Driving and using machines

**Driving and using m up blood, black stoods, of bright red blood in your stoods of professions of paralysis on one side of the face, legs, or arms, severe and sudden headache, or trouble seeing or difficulty speaking or swallowing. This may indicate a low platelet count (cells that aid in the clotting of blood).

History of blood clots in your veins CARFIZOL® contains sodium

Any other significant medical condition for which you were CARFIZOL® contains cyclodextrin

This medicine contains 3000 mg of cyclodextrin (sulfobutyl ether beta cyclodextrin) per 60 mg vial, equivalent to 88 mg/kg for a 70 kg adult.

mmediately if you experience worsening fatigue or yellowing of your discontinued if you experience side effects that cannot be managed.

You may also receive other medications as part of your treatment regimen

gait or balance, persistent numbness, decreased sensation or loss of sensation, or memory loss or confusion. These all may be symptoms of a potentially life-threatening brain disorder known as progressive multifocal leukoencephalopathy (PML). If you had these symptoms before starting treatment with carfilzomib, inform your doctor about any changes you experience in these symptoms.

"In the event of an overdose, go to the nearest hospital or contact the Poison Control Centers:

For women taking CARFIZOL®

Do not take CARFIZOL® if you are pregnant, think you might be everyone gets them.

Signs and symptoms to be alert to

Some side effects can be significant. Tell your doctor straight

Nausea. Some side effects can be significant.

away if you experience any of the following symptoms:

Chest pain, breathing difficulties, or swelling of your feet, which

Stomach pair

or up to 90 days after discontinuing treatment, inform your docto

Leg or arm pain or swelling (which could be symptoms of blood clots in the deep veins of the legs or arms), chest pain, or breathing difficulties (which could be symptoms of blood clots in the lungs).

This medicine contains 0.3 mmol of sodium (equivalent to 7 mg of sodium) per milliliter of reconstituted solution. This should be taken into account if you require a low-sodium diet.

You must look out for certain symptoms while taking CARFIZOL® to reduce the risk of problems. CARFIZOL® can worsen some symptoms or cause serious adverse events that could even be life-threatening, such as heart, lung, and kidney problems, tumor lysis syndrome (a potentially life-threatening condition that occurs when cancer cells break down and release their contents into the blood, infusion reactions, unusual bruising or bleeding (including internal bleeding), blood clots in your veins, liver problems, certain blood disorders, or a neurological syndrome known as "Posterior Reversible Encephalopathy Syndrome." Please carefully read the section Possible Side Effects of CARFIZOL®. Please carefully read the section Possible Side Effects of CARFIZOL®. Inform your doctor if you have ever had or might now have a hepatitis B virus infection. The reason is that this medication could cause the hepatitis B virus to become reactivated. Your doctor will examine you for signs of this infection before, during, and for some time to specific problems. CARFIZOL® in the work of the work

kin or white part of your eyes.

At any time during the treatment or after its completion, tell your doctor

mmediately if you experience blurred vision, loss of vision or double

If you take more CARFIZOL* than you should

sion, difficulty speaking, weakness in an arm or leg, a change in your ait or balance, persistent numbness, decreased sensation or loss of This medication will be administered by a doctor or nurse, so it is

prevent pregnancy, such as oral contraceptives or other hormonal contraceptives, as these may not be suitable for use with CARFIZOL®. Alternatively, you can contact other Poison Control Centers".

 Breathing difficulties, including breathing difficulties at rest or with
 Joint pain Breathing difficulties, including breathing difficulties at rest or with activity, or cough (dyspnea), rapid breathing, a feeling of not being able to breathe when there is enough oxygen, wheezing (breathing noises), or cough, which may be signs of pulmonary toxicity.

Perver.

Wery high blood pressure, severe chest pain, severe headache, confusion, blurred vision, nausea and vomiting, or anxiety attacks, which may be signs of a condition known as hypertensive crisis.

Jint pain.

Muscle spasms.

Fever.

Chills.

Swelling of hands, feet, or ankles.

Weakness.

Tiredness (Fatigue).

heartbeats.

• Swollen ankles, feet, or hands, loss of appetite, decreased urine

• Heart attack.

output, or abnormal blood test results, which may be symptoms of kidney problems or renal impairment.

- Kidney problems, including renal impairment.

- Blood clots in the veins (deep vein thrombosis)

- Hot flashes.

An adverse effect called Tumor Lysis Syndrome, which can result from the rapid breakdown of tumor cells and can cause irregular heartbeats, renal impairment, or abnormal blood test results.

Fever, chills or shivering, joint pain, muscle pain, facial congestion or swelling of the face, lips, tongue, and/or throat that can cause difficulty breathing or swallowing (angioedema), weakness, breathing difficulties, low blood pressure, fainting, slow heart rate, chest tightness, or chest pain can occur as a reaction to infusion.

Hot flashes.

Blood clots in the lungs.

Wheezing (noises when breathing).

Severe infection, including bloodstream infection (sepsis).

Lung infection.

Liver problems, including increased liver enzymes in the blood.

Flui-like symptoms (influenza).

Reactivation of the chicken poxyrirus that can cause a rash and pain (herpes zoster).

Urinary tractinfection (infection of the structures that transport urine).

Cough that may include chest tightness or pain, nasal congestion (bronchitis).

Unusual bruising or bleeding, such as a cut taking longer than usual to stop bleeding; or internal bleeding like coughing up blood, vomiting up blood, black stools, or bright red blood in your stools; or brain bleeding that causes sudden numbness or paralysis on one side of the face, legs, or arms, severe and sudden headache, or difficulty in vision, speech, or swallowing.

Leg or arm pain or swelling (which could be symptoms of blood closs in deen veins of the lens or arms), chest pain or breathing closs in deen veins of the lens or arms), chest pain or breathing closs in deen veins of the lens or arms), chest pain or breathing closs in deen veins of the lens or arms), chest pain or breathing close in deen veins of the lens or arms).

increased blood levels of sugar and/ or creatinine).

Decreased appetite.

Difficulty sleeping (insomnia).

Yellowing of your skin and eyes (jaundice), abdominal pain or swelling, nausea or vomiting, which could be symptoms of liver problems, including hepatic impairment. If you have ever had a hepatitis B virus infection, treatment with this medication may cause a reactivation of the hepatitis B virus infection.

Anxiety.

Feeling confused.

Burred vision.

Cataracts.

Low blood pressure (hypotension).

Nosebleed.

Changes in voice or hoarseness.

Headaches, confusion, seizures (convulsions), visual loss, and
 Muscle weakness.

(thrombocytopenia).

Low white blood cell count, which can decrease your ability to fight infections and may be associated with fever.

Low red blood cell count (anemia), which can cause tiredness and fatigue.

Rare adverse events (which may affect up to 1 in 100 people)

Bleeding in the lungs.

Inflammation of the colon caused by the bacterium Clostridium difficile.

fatigue.

Changes in blood tests (decreased blood levels of potassium, increased blood levels of sugar and/ or creatinine).

Decreased appetite.

dthicile.

Allergic reaction to CARFIZOL®.

Multiorgan failure.

Reduced blood flow to the heart.

and lips (acute respiratory distress syndrome).

• Swelling of the lining of the heart (pericarditis), symptoms include pain behind the breastbone, sometimes spreading to the neck and shoulders, sometimes with fever.

For more information about our products

visit our site: www.gador.com/productos

or send us your query to: info@gador.com

Reporting adverse events If you experience any type of undesirable effects, ask your doctor, even if they are possible side effects not listed in this leaflet.

• Package contents and additional information

**CARFIZOL® is available in packages containing a single-use vial with

"This medication has been prescribed only for your current medical lyophilized powder for injection. Dispose the unused portion. For

CARFIZOL® storage

Other possible adverse events

Frequent adverse events (which may affect more than 1 in 10 people):

Severe lung infection (pneumonia).

Respiratory tract infection (infection of the airways).

Low platelet counts, which can cause bruising or bleeding

The counts of the counts of the airways or bleeding o

Gadors A Darwin 429 C1414CIII C A B A Tel: 4858-9000 Manufactured by IMA S.A.I.C Palpa 2862, CABA, Argentina, for Gador S.A. Last Revision Date: Jan-2022 G00000000-00

Headache.
 Numbness, tingling, or decreased sensation in hands and/or feet.
 Difficulty breathing, rapid breathing, and/or slightly blue fingertips

Fluid build-up between the lining of the heart and your heart (pericardial effusion), symptoms include chest pain or pressure and breathing difficulties.
 Obstruction of bile flow from the liver (cholestasis), which can cause itchy skin, yellow skin, very dark urine, and very pale stools.

is observed. CARFIZOL® is intended for single use only. Disposal of unused

CARFIZOL® composition
The active ingredient is carfilzomib. Each vial contains 60 r

the ANMÁT Website: http://www.anmat.gov.ar/farmacovigilancia/ tificar.asp, or call ANMAT Responde Program at 0800-333-1234". After reconstitution, 1 ml of solution contains 2 mg of carfilzomib. The other components are: sulfobutylether beta cyclodextrin, citric How-supplied

"This medication should be used exclusively under medica Store in a refrigerator between 2°C and 8°C, in its original package prescription and supervision and should not be repeated without a new medical prescription"

"KEEP ALL THE MEDICINES OUT OF THE REACH OF CHILDREN"

Pharmacodynamic effects

• Gador

**Pharmacodynamic effects

Intervenous administration of carfilzomib resulted in suppression of stratewords administration of carfilzomib resulted in suppression of proteasome chymotrypsin like (CT-I) activity when measured in blood 1

**Population pharmacokinetic analyses indicate that age, gender, or race have no effects on the pharmacokinetics of carfilzomib.

Interventional CT-I activity of the proteasome. Furthermore, carfilzomib. Inhibition of CT-L activity of the proteasome. Furthermore, carlizomib administration 20 mg/m² resulted in an average inhibition of low molecular mass polypeptide 2 (LMP2) and multicatalytic endopeptidase complex-like 1 (MECL1) proteasome subunits ranging from 26% to 32% and from 41% to 49%, respectively. Proteasome inhibition was maintained for ≥48 hours after the first dose of carlilzomib in each week of dosing. The combined administration of lenalidomide and dexamethasone did not affect proteasome winhibition. At the highest dose of 56 mg/m², not only was an increase observed in CT-L subunit inhibition of other proteasome subunits (LMP2, MECL1, and LMP2). There was an approximately 8%, 23%, and 34% increase in inhibition of LMP7, MECL1, and LMP2. There was an approximately 8%, 23%, and 34% increase in inhibition of LMP7, MECL1, and LMP2. There was an approximately 8%, 23%, and 34% increase in inhibition of LMP7, MECL1, and LMP2 subunits, respectively, with the 56 mg/m² dose compared to subjects with normal liver function.

CARFIZOL® CARFILZOMIB 60 mg/vial

Lyophilized powder for injection. For intravenous use only Filed prescription only. Made in Argentina.

.....3000 mg PHARMACOKINETICS

ATC code: 101XX45

Pharmacotherapeutic group: antineoplastic agent.

Each CARFIZOL® vial contains:

THERAPEUTIC ACTION

INDICATIONS

ulfobutyl ether beta-cyclodextrin.....

CARFIZOL® is indicated:
• for the treatment of adult patients with relapsed or refractory

as monotherapy in the treatment of adult patie refractory multiple myeloma who have received a

of therapy for their underlying disease.

Metabolism
PHARMACOLOGICAL ACTION

Mechanism of action
Carlizomib is a tetrapeptide with an epoxyketone proteasome inhibitor group that selectively and irreversibly binds to threonine at the N-terminal threonine-containing active sites of the 20S proteasome, the proteolytic core of the 26S proteasome, and exhibits little to no activity against other lypes of proteases. In onclinical models, carlizomib demonstrated antiproliferative and proapportoic activity in hematologic tumors. Definition to activity of the activity in hematologic tumors. In animals, carlizomib inhibited proteasome activity in blood and tissues and delayed tumor growth in multiple myeloma models. In vitro, carlizomib showed low neurotoxicity and minimal reaction towards non-proteasomal proteases.

Metabolism
Carlizomib was rapidly and extensively metabolized. The predominant metabolics identified in human plasma and urine and generated In vitro by human hepatocytes, were peptide fragments and the diol of carlizomib, indicating that carlisisms played a minor role in the overall metabolism of carlizomib. The biological activity of these metabolites is unknown.

Elimination
After intravenous administration of doses ≥15 mg/m³, carfilzomib was rapidly cleared from the systemic circulation with a half-life of ≤1 hour on Day 1 of Cycle 1. Systemic clearance ranged from 151 to 263 I/s hour on Day 1 of Cycle 1. Systemic clearance ranged from 151 to 263 I/s hour on dexceeded hepatolics developed by human hepatocytes, were peptide fragments and the diol of carlizomib, indicating that carlisisms played a minor role in the overall metabolism of carlizomib. The biological activity of these metabolites is unknown.

Elimination

After intravenous administration of doses ≥15 mg/m³, carfilzomib was rapidly cleared from the systemic circulation with a half-life of ≤1 hour on Day 1 of Cycle 1. Systemic clearance ranged from 151 to 263 I/s hour and exceeded hepatolics developed hepatolics identified in human plasma and urine and thematolics and proteits and plan







Absorption
The C_{max} and AUC after a 2 to 10-minute intravenous infusion of 27 mg/ me C_{max} and not, a fee a z to 1-minute intravenous muston to 27 mg/m² were 4,232 ng/ml and 379 ng+h/ml/l, respectively. After repeated doses of carfilzomib 15 and 20 mg/m², systemic exposure (AUC) and half-life were similar on Days 1 and 15 or 16 of Cycle 1, indicating that there was no systemic carfilzomib accumulation. At doses between 20: nand So mysterinic carinzonino accumulation. At Goses between Ex-and So mg/m², it appears that there was a dose-dependent increase in exposure. A 30-minute infusion showed a similar half-life and AUC, but a C_{max} that

• Gador

FARFIZOL® is indicated:

• for the treatment of adult patients with relapsed or refractory multiple myeloma who have received one to three prior lines of therapy for their underlying disease, in combination with:

- lenalidomide and dexamethascope or

The mean steady-state volume of distribution for a 20 mg/m² dose of carfilzomib was 28 L. When tested *In vitro*, the binding of carfilzomib





Renal impairment

The pharmacokinetics of carfilzomib were studied in two specific renal impairment trials. In one study involving patients with multiple myeloma and normal renal function, mild, moderate or severe renal impairment, or on chronic dialysis, carfilzomib as a single agent was administered intravenously over 2 to 10 minutes at doses up to 20 mg/m². Another study was conducted in relapsed multiple myeloma patients with creatinine clearance ≥ 75 ml/ min and in patients with rend-stage renal disease (ESRD) requiring dialysis. The results of both studies showed that the renal function status had no noticeable effect on the renal function status had no noticeable effect on the reposure to a refiligromib following single are repeated doses. on the exposure to carfilzomib following single or repeated doses. unction were more • CARFIZOL® in combination with dexamethasone requent in patients with pre-existing renal dysfunction.

DOSAGE AND ANDMINISTRATION

Freatment with CARFIZOL® should be supervised by a physician experienced in the use of chemotherapy.

8, 9, 15, and 16), followed by a 12-day rest period (Days 17 to 28). Each 28-day period is considered a treatment cycle. CARFIZOL® is administered by influsion over 30 minutes at an initial dose of 20 mg/m² (maximum dose 44 mg) in Cycle 1, on Days 1 and 2. If tolerated, dose should be increased to 56 mg/m² (maximum dose 123 mg) on Day 8 of Cycle 1.

9 on Day 8 of Cycle 1.

10 Dexamethasone is administered at a dose of 20 mg orally or intravenously on Days 1, 2, 8, 9, 15, 16, 22, and 23 of each 28-day cycle. Dexamethasone is administered to a dose based on a BSA of 2.2 m². Dose adjustments are not on Days 1, 2, 8, 9, 15, 16, 22, and 23 of each 28-day cycle. Dexamethasone is administered to a dose of 20 mg orally or intravenously on Days 1, 2, 8, 9, 15, 16, 22, and 23 of each 28-day cycle. Dexamethasone or administered by influsion over 30 minutes and 40 hours before CARFIZOL® in Cartifold (Days 17 to 28). Each 28 day period is considered by influsion over 30 minutes and 10 to 20 mg/m² (maximum dose 123 mg) on Days 60 Cycle 1.

10 Dexamethasone is administered by a dose of 20 mg orally or intravenously on Days 1, 2, 8, 9, 15, 16, 22, and 23 of each 28-day cycle. Dexamethasone or administered by influsion over 30 minutes and 40 hours before CARFIZOL® in Days 1, 2, 8, 9, 15, 16, 22 and 23 of each 28-day cycle. Dexamethasone or administered by influsion over 30 minutes and 40 hours before CARFIZOL® in Days 1, 2, 8, 9, 15, 16, 22 and 23 of each 28-day cycle. Dexamethasone or administered by influsion over 30 minutes and 40 hours before CARFIZOL® is administered by influsion over 30 minutes and 40 hours before CARFIZOL® is administered by influsion over 30 minutes and 40 hours before CARFIZOL® is administered by influsion over 30 minutes and 40 hours before CARFIZOL® is administered by influsion over 30 minutes and 40 hours before CARFIZOL® is administered by influsion over 30 minutes and 40 hours before CARFIZOL® is

Lenalidomide in combination with CAREI701® is administered at a

infusion on two consecutive days, every week for three weeks (Days 1, 2, 8, 9, 15, and 16), followed by a 12-day rest period (Days 17 to 28). Each

CARFIZOL in combination with lenalidomide and dexamethasone in the combination regimen with lenalidomide and dexamethasone. CARFIZOL** should be administered intravenously as a 10-minute infusion on two consecutive days, each week for three weeks (Days 1, 2, 8, 9, 15, and 16), followed by a 12-day rest period (Days 17 to 28). Each 28-day period is considered at an initial dose of 20 mg/m² (maximum dose 44 mg) on Days 1 and 2 of Cycle 1. If tolerated, the dose should be increased to 27 mg/m² (maximum dose 60 mg) on Day 8 of Cycle 1. As from Cycle 13, CARFIZOL** doses on Days 8 and 9 are omitted. Treatment may continue until disease progression or the appearance of unacceptable toxicity occurs. The treatment with CARFIZOL** in combination with lenalidomide and dexamethasone for other concomitant medications that may be necessary. (Table 2).

20/70 mg/m² regimen once a week by a 30-minute infusion on Days 1,8, and 15 ofeach cycle, followed by a 13-day rest period (Days 16 to 28), Each 28-day period to considered at reatment cycle.

CARFIZOL** is administered by infusion over 30 minutes at an initial dose of 20 mg/m² (maximum dose 44 mg) in Cycle 1, on Day 1. If tolerated dose of 40 mg or ally or intravenously on Days 1,8, 15, and 22 of each 28-day cycle up to Cycle 9, and as from Cycle 3, and 15 ofeach 28-day cycle up to Cycle 9, and as from Cycle 3, and 15 ofeach 28-day cycle up to Cycle 9, and as from Cycle 3 or Days 1,8, and 15 ofeach 28-day cycle up to Cycle 9, and as from Cycle 3 or Days 1,8, and 20 of each 28-day cycle up to Cycle 9, and as from Cycle 3 or Days 1,8, and 15 ofeach 28-day cycle up to Cycle 9, and as from Cycle 3 or Days 1,8, and 20 of each 28-day cycle up to Cycle 9, and as from Cycle 3 or Days 1,8, and 20 of each 28-day cycle up to Cycle 9, and as from Cycle 3 or Days 1,8, and 20 of each 28-day cycle up to Cycle 9, and as from Cycle 3 or Days 1,8, and 20 of each 28-day cycle up to Cycle 9, and as from Cycle 3 or Days 1,8, and 15 or Cycle 9, and as from Cycle 3 or Days 1,8, and 15 or Cycle

Table 1. CARFIZOL® (10-minute infusion) in combination with lenalidomide and dexamethasone

							Cycle 1					
		Week 1			Week 2			Week 3		Week 4		
	Day 1	Day 2	Days 3-7	Day 8	Day 9	Days 10-14	Day 15	Day 16	Days 17-21	Day 22	Days 23-28	
CARFIZOL* (mg/m²)	20	20	-	27	27	-	27	27	-	-	-	
Dexamethasone (mg)	40	-	-	40	-	-	40	-	-	40	-	
Lenalidomide (mg)		25/ day, Days 1 to 21										
	Cycles 2-12											
	Week1			Week 2			Week 3			Week 4		
	Day 1	Day 2	Days 3-7	Day 8	Day 9	Days 10-14	Day 15	Day 16	Days 17-21	Day 22	Days 23-28	
CARFIZOL® (mg/m²)	27	27	-	27	27	-	27	27	-	-	-	
Dexamethasone (mg)	40	-	-	40	-	-	40	-	-	40	-	
Lenalidomide (mg)	25/ day, Days 1 to 21											
	Cycles 13 and beyond											
	Week1			Week 2			Week 3			Week 4		
	Day 1	Day 2	Days 3-7	Day 8	Day 9	Days 10-14	Day 15	Day 16	Days 17-21	Day 22	Days 23-28	
CARFIZOL® (mg/m²)	27	27	-	-	-	-	27	27	-	-	-	
Dexamethasone (mg)	40	-	-	40	-	-	40	-	-	40	-	
Lenalidomide (mg)						25/ D	ay, Days 1 to	21				

Table 2. CARFIZOL® 20/56 mg/m² twice a week (30-minute infusion) in combination with dexamethasone

DIE Z. CARFIZUL	20/30 11	ig/iii- tw	ice a wee	K (30-IIII	nute mit	usion) in co	IIIDIIIatio	ii witti de)	tainethast	ille			
							Cycle 1						
		Week 1			Week 2			Week 3			Week 4		
	Day 1	Day 2	Days 3-7	Day 8	Day 9	Days 10-14	Day 15	Day 16	Days 17-21	Day 22	Day 23	Days 24-28	
CARFIZOL® (mg/m²)	20	20	-	56	56	-	56	56	-	-			
examethasone (mg)	20	20	-	20	20	-	20	20	-	20	20		
						Cycle	2 and beyo	ond					
	Week 1			Week 2				Week 3		Week 4			
	Day 1	Day 2	Days 3-7	Day 8	Day 9	Days 10-14	Day 15	Day 16	Days 17-21	Day 22	Day 23	Days 24-28	
CARFIZOL® (mg/m²)	56	56	-	56	56	-	56	56	-	-	-		
examethasone (mg)	20	20	-	20	20	-	20	20	-	20	20		

unaccentable toxicity occurs. Please refer to the prescribing information weekly after the first week

20/56 mg/m² regimen twice a week by a 30-minute infusion Administer CARFIZOL® intravenously as a 30-minute infusion on Days 1, recommended order is the following: dexamethasone, medication pre Administer CARFI/CU® intravenously as a 30-minute infusion on Days 1, 2, 8, 9, 15, and 16 of each 32-day cycle in combination with intravenous dexamethasone and daratumumab until disease progression or unacceptable toxicity occurs, as outlined in Table 4. The recommended starting dose of CARFIZOL® is 20 mg/m² (maximum dose 44 mg) in Cycle 1, on Days 1 and 2. If tolerated, increase the dose to 56 mg/m² (maximum dose 123 mg) in Cycle 1, on Day8, and subsequently.

Dexamethasone is administered at a dose of 20 mg orally or attravenous dexamethasone is administered at a dose of 20 mg orally or attravenous dexamethasone. 20/56 mg/m² regimen twice a week by a 30-minute infusion CARFIZOL® should be administered intravenously as a 30-minute

CARFIZOL® (mg/ m²)

CARFIZOL® (mg/ m²)

CARFIZOL® (mg/ m²)

Dexamethasone (mg)

CARFIZOL® (mg/ m²) Dexamethasone (mg)

CARFIZOL* (mg/ m²)

Dexamethasone (mg)

CARFIZOL® (mg/ m²)

Dexamethasone (mg) Daratumumab (mg/kg) 16

Intravenously on Days 1,2,8,9,15, and 16, and at a dose of 40 mg orally or intravenously on Days 22 of each 28-day Cycle. For patients > 75 years old, administer 20 mg of dexamethasone orally or intravenously

Table 3. CARFIZOL® 20/70 mg/m² once a week (30-minute infusion) in combination with dexamethasone.

Cycle 1

 CARFIZOL* (mg/ m²)
 70
 70
 70

 Week1
 Week2
 Week3
 Week4

 Day 1
 Day 2
 Days 37
 Day 8
 Day 9
 Days 10-14
 Day 15
 Day 16
 Days 17-21
 Day 22
 Days 23-28

 Day 1
 Day 2
 Days 3-7
 Day 8
 Day 9
 Days 10-14
 Day 15
 Day 16
 Days 17-21
 Day 22
 Days 23-28

unacceptable toxicity occurs. Prease refer to the prescribing information for dexamethasone for other concomitant medications that may be necessary. (Table 3).

CARFIZOL® in combination with intravenous dexamethasone and

CARFIZOL® in combination with intravenous dexamethasone and Table 5. Please refer to the prescribing information for intravenous dexamethasone and daratumumab for additional dosing information. (Table 5).

1, 8, and 15 of each 28-day cycle in combination with intravenous dexamethasone and daratumumab until disease progression or unacceptable toxicity occurs, as outlined in Table 5. The recommended starting dose of CARFIZOL® is 20 mg/m² in Cycle 1, on Day 1. If olerated, increase the dose to 70 mg/m² in Cycle 1, on Day 1. If solerated, increase the dose to 70 mg/m² in Cycle 1, on Day 3. If subsequently, Administer dexamethasone between 30 minutes and 4 hours before CARFIZOL® and between 1 and 3 hours before intravenous tharatumumab, taking into consideration the doses specified in 3able 5. Please refer to the prescribing information for intravenous alteramethasone and daratumumab for additional dosign information for intravenous and the same than 1 of the complete of the prescribing information for intravenous and the com

CARFIZOL as monotherapy
When CARFIZOL* is used as monotherapy, it should be administered intravenously as a 10 or 30-minute infusion, depending on the selected regimen, as described below.

*COLOR TO BE ASSETTION OF THE ASSET

day rest period (Days 17 to 28). Each 28-day period is considered a treatment cycle. As from Cycle 13, the doses on Days 8 and 9 of CARFIZOL® are omitted.

Cycles 1 to 12, administer CARFIZOL® on two consecutive days, every week for three weeks (Days 1, 2, 8, 9, 15, and 16), followed by a 12-tay rest period (Days 17 to 28). Each 28-day period is considered a treatment cycle. As from Cycle 13, the doses on Days 8 and 9 of CARFIZOL® are omitted.

CARFIZOL® are omitted.

Premedicate with 8 mg of dexamethasone orally or intravenously, 30 minutes to 4 hours before each dose of CARFIZOL® in Cycle 1, and then as needed to help prevent infusion-related reactions.

CARFIZOL® is administered at an initial dose of 20 mg/m² in Cycle 1, or

Table 5: CARFIZOL® 20/70 mg/m² once a week (30-minute infusion) in combination with intravenous dexamethasone and daratumumab.

				Cycle 1									
	Week 1				Week 2	!	Week 3			Week 4			
	Day 1	Day 2	Days 3-7	Day 8	Day 9	Days 10-14	Day 15	Day 16	Days 17-21	Day 22	Day 23	Days 24-28	
CARFIZOL* (mg/m²)	20	-	-	70	-	-	70	-	-	-	-	-	
Dexamethasone (mg)	20	20	-	20	20	-	20	20	-	20	20	-	
Daratumumab (mg/kg)	8	8	-	16	-	-	16	-	-	16	-	-	
	Cycle 2												
	Week1				Week 2			Week 3			Week 4		
	Day 1	Day 2	Days 3-7	Day 8	Day 9	Days 10-14	Day 15	Day 16	Days 17-21	Day 22	Day 23	Days 24-2	
CARFIZOL® (mg/m²)	70	-	-	70	-	-	70	-	-	-		-	
Dexamethasone (mg)	20	20	-	20	20	-	20	20	-	20	20	-	
Daratumumab (mg/kg)	16	-	-	16	-	-	16	-	-	16	-	-	
	Cycles 3-6												
	Week1			Week 2			Week 3			Week 4			
	Day 1	Day 2	Days 3-7	Day 8	Day 9	Days 10-14	Day 15	Day 16	Days 17-21	Day 22	Day 23	Days 24-2	
CARFIZOL® (mg/m²)	70	-	-	70	-	-	70	-	-	-	-	-	
Dexamethasone (mg)	20	20	-	40	-	-	20	20	-	40	-	-	
Daratumumab (mg/kg)	16	-	-	-	-	-	16	-	-	-	-	-	
	Cycles 7 and beyond												
		Week 1		Week 2			Week 3			Week 4			
	Day 1	Day 2	Days 3-7	Day 8	Day 9	Days 10-14	Day 15	Day 16	Days 17-21	Day 22	Day 23	Days 24-2	
CARFIZOL*(mg/m²)	70	-	-	70	-	-	70	-	-	-	-	-	
Dexamethasone (mg)	20	20	-	40	-	-	40	-	-	40	-	-	
Daratumumab (mg/kg)	16	-		-		_		-		-	-	-	

Table 6. CARFIZOL® as monotherany, 20/27 mg/m² twice a week (10-minute infusion)

					Cycl	e 1						
		Week 1			Week 2			Week 3				
	Day 1	Day 2	Days 3-7	Day 8	Day 9	Days 10-14	Day 15	Day 16	Days 17-21	Days 22-28		
CARFIZOL® (mg/m²)a	20	20	-	27	27	-	27	27	-	-		
	Cycles 2-12											
		Week 1		Week 2				Week 4				
	Day 1	Day 2	Days 3-7	Day 8	Day 9	Days 10-14	Day 15	Day 16	Days 17-21	Days 22-28		
CARFIZOL® (mg/m²)	27	27	-	27	27	-	27	27	-	-		
	Cycles 13 and beyond											
		Week 1		Week 2				Week 4				
	Day 1	Day 2	Days 3-7	Day 8	Day 9	Days 10-14	Day 15	Day 16	Days 17-21	Days 22-28		
CARFIZOL® (mg/m²)	27	27	-	-	-	-	27	27	-	-		

dexamethasone.

Premedicate with the recommended dose of dexamethasone for CARFIZOL® monotherapy or the recommended dose of dexamethasone in the case of combination therapy. Administer dexamethasone orally or intravenously at least 30 minutes but no more than 4 hours before all doses of CARFIZOL® through CARFIZOL® treatment, as clinically indicated, depending on pofassium levels measured before treatment initiation; reduce the incidence and severity of infusion-related reactions. Reinitiate dexamethasone premedication if these symptoms occur in subsequent varies.

Reinitiate dexamethasone premedication if these symptoms occur in subsequent cycles.

Patients treated with CARFIZOL® in combination with daratumumab and dexamethasone should receive pre-infusion medication to reduce the risk of daratumumab infusion-related reactions. Please refer to current daratumumab package insert for additional information on concomitant medication, including pre- and postinfusion medication.

Recommended dose adjustments

CARFIZOL® dose adjustments should be based on toxicity. Recommended cations and dose adjustments are shown in Table 8. The dose reduction levels are shown in Table 9. Please refer to the information provided in the respective approved and current package inserts for lenalidomide intravenous daratumumab, and dexamethasone. (Table 8).

Days Land 7. It to legated, dose should be increased to 56 mg/m² on Day. Hydration, fluid and electrolyte monitoring

• To reduce the risk of herpes zoster reactivation in patients treated with CARFIZOL® prophylaxis should be considered.

• Patients receiving CARFIZOL® treatment in combination with other therapies are recommended to undergo thromboprophylactic considerations. The company of that may be necessary, such as the use of antacid prophylaxis, please refer to the current package inserts for lenalidomide and dexamethasone.

administration of CARFIZOL® in Cycle 1. Oral and/ or intravenous hydration should be continued as needed in subsequent Cycles. When administered in combination with intravenous daratumumab, oral and,

		Cycle 1									
		Week 1			Week 2			Week 3			
	Day 1	Day 2	Days 3-7	Day 8	Day 9	Days 10-14	Day 15	Day 16	Days 17-21	Days 22-28	
CARFIZOL® (mg/ m²)a	20	20	-	56	56	-	56	56	-	-	
		Cycles 2-12									
		Week 1			Week 2			Week 3			
	Day 1	Day 2	Days 3-7	Day 8	Day 9	Days 10-14	Day 15	Day 16	Days 17-21	Days 22-28	
CARFIZOL® (mg/ m²)	56	56	-	56	56	-	56	56	-	-	
	Cycles 13 and beyond										
		Week 1			Week 2			Week 3		Week 4	
	Day 1	Day 2	Days 3-7	Day 8	Day 9	Days 10-14	Day 15	Day 16	Days 17-21	Days 22-28	
CARFIZOL® (mg/ m²)	56	56					56	56			

FIZOL* (mg/ m²) 56 56 - - -

Table 8. Dose adjustments during CARFI7OI® treatment

Hematologic toxicity	Recommended measure					
Absolute Neutrophil Count < 0.5 x 10 ⁹ / I	Withhold dose -If it recovers up to ≥ 0.5 x 10 ⁹ /I, continue at the same dose level for subsequent decreases up to < 0.5 x 10 ⁹ /I, follow the above-mentioned recommendations as consider reducing 1 dose level when restarting CARFIZOL®					
Febrile neutropenia Absolute neutrophil count < 0.5 x 10°/l and an oral temperature >38.5°C or two consecutive readings >38°C over 2 hours	Writhhold dose If the absolute neutrophil count returns to baseline and the fever is resolved, resume at the san dose level					
Platelet count < 10 x 10 // l or signs of bleeding with thrombo- cytopenia	Withhold dose -If it recovered up to ≥ 10 x 10"/I and/ or bleeding is controlled, continue at the same dose level For subsequent decreases up to ≤ 10 x 10"/I, follow the same recommendations mentioned abo and consider a dose level reduction when restarting CARRIZOL®					
Non-hematological (renal) toxicity	Recommended measure					
Serum creatinine of 2 times or higher than baseline; or Creatinine clearance less than <15 ml/ min, or a decrease in creatinine clearance to <50% from baseline, or the need for dialysis	Withhold the dose and continue monitoring renal function (serum creatinine or creatinine clearano If attributable to CARFIZOL®, it should be resumed when renal function has been resolved with 25% from baseline; consider resuming with a one dose level reduction® If not attributable to CARFIZOL®, it can be resumed at the discretion of the treating physician. For patients on dialysis receiving CARFIZOL®, the dose should be administered after the dialy:					

Table 9 CARFITOI & doce level reduction

First Second Thin
Regimen Dose dose dose dose CARFIZOL* / Dexametha-CARFIZOL® / Jenalidomide/ CARFIZOL® / Dexametha-sone, or CARFIZOL® / daratumumab/ Dexamethasone, or CARFIZOL® * monotherapy (20/56 mg/ m²) (twice a week)

Note: infusion times are not modified with dose reduction If toxicity persists, discontinue CARFI7OI® treatment

Renal impairment
Patients with moderate or severe renal impairment were excluded from clinical studies of carfilzomib in combination with lenalidomide. Adequate initial dose reduction of lenalidomide should be considered in patients with pre-existing renal impairment, in accordance with the alysis has not been studied, it should be administered after the alysis procedure. In clinical studies, the incidence of adverse effects acute renal impairment was higher in subjects with lower baseline allow the solution to settle in the vial until the foaming occurs allow the solution to settle in the vial until the foaming occurs. reatinine clearance than in subjects with higher baseline creatinine

Hepatic impairment
The pharmacokinetics of carfilzomib have not been evaluated in patients
The pharmacokinetics of carfilzomib have not been evaluated in patients

CARTILIZET can be administered unleasy by minavenous and containing 50 to 100 ml of 5% dextrose solution for injection. Do not administer as an optionally in an intravenous bag containing 50 to 100 ml of 5% dextrose solution for injection.

Pediatric population The safety and efficacy of carfilzomib have not been established in pediatric patients. No data are available. * Total time between reconstitution hours. * 5% Glucose solution for injection.

or 5% dextrose solution for injection immediately before and after CARFIZOL® administration. CARFIZOL® snould not be co-administered of mix with other drugs.

Refore administering CARFIZOL®, please refer to the reconstitution.

Calculate the dose (mo/m²) and the number of CAREI7OI® vials

enal function should be monitored at the beginning of treatment and used on toxicity, appropriate dosing adjustments should be made the see Table 8). There is limited efficacy and safety data in patients with

with severe hepatic impairment. Based on available pharmacokinetic data, no initial dose adjustment is recommended for patients with mild or moderate hepatic impairment. However, a higher incidence of subjects with abnormalities in liver function, adverse events \geq Grade 3, or serious hepatic impairment compared to patients with normal liver function.

Liver enzymes and bilirubin should be monitored at the beginning of treatment and monthly during treatment with CARFIZOL®, regardless of baseline values. Appropriate dose adjustments should be made basel in values. Appropriate dose adjustments should be made basel in values. moderate and severe hepatic impairment due to very limited efficac

Mode of administration
CARFIZOL® is administered intravenously as an infusion over 10 or 30
minutes, depending on the corresponding dosing regimen. CARFIZOL®
CONTRAINDICATIONS should not be given as a bolus.

The intravenous catheter should be flushed with normal saline solution CARFIZOL® is contraindicated in:

changes of less tian of equal to 20%. Aseptically reconstitute each vial by slowly injecting 29 ml of sterile water for injection through the stopper, using a 21G needle or larger (outer diameter of the needle 0.8 mm or smaller), and directing the solution onto the INNER WALL OF THE VIAL to minimize foaming.

solution and should not be administered if any discoloration of

particulate matter is observed.

Discard any unused portion remaining in the vial. DO NOT pool unused portions from other vials. DO NOT administer more than one dose per vial.

CARFIZOL® can be administered directly by intravenous infusion

intravenous bag with 5% dextrose solution for injection (based

Table 10. Stability of reconstituted CARFIZOL® Ctability2 according

Storage conditions	Stability	r ^a according	to the container	Pulmonary Hypertension
for reconstituted CARFIZOL®	Vial Syringe		Intravenous bag (D5Wb)	Pulmonary hypertension has been reported in patien with carfilzomib. Some of these events have been fatal. A
Refrigerated (2°C to 8°C)	24 hours	24 hours	24 hours	additional tests should be conducted if pulmonary hype suspected.
Room temperature (15°C to 30°C)	4 hours	4 hours	4 hours	CARFIZOL® should be withheld in cases of pulmonary hyperte
^a Total time between reconstitutio	n and admi	nistration sh	ould not exceed 24	resolution or recovery to baseline values, and restarting base benefit assessment should be considered

Patients with hypersensitivity to the active substance or any of the excipients of this product.

Breastfeeding women.

Hypertension, including hypertensive crisis and hypertensive emergency, has been observed with carfilzomib. Some of these events have been fatal. Cases of hypertension were reported more frequently in natients who received carfilzomib in combination with daratumumate

linically indicated in patients with prior heart failure or at risk of heart

medications, please refer to the respective current package inserts for additional contraindications. Blood pressure monitoring before starting CARFIZOL® treatment

and during treatment is recommended. Blood pressure should be regularly monitored, and all patients should be routinely evaluated Since CARFIZOL® can be administered in combination with other crises, CARFIZOL® should be withheld until resolution or recovery

tan be used in combination with CARFIZOL®, special attention should be paid to lenalidomide requirements for pregnancy tests and prevention. Acute renal impairment have been reported in patients receiving carfilzomib. Some of these events have been fatal. Cases of acute renal impairment occurred more frequently in patients with advanced relapsed and refractory multiple myeloma who received carfilzomib rattion), cardiomyopathies, myocardial infarctions have occurred. Some events occurred in patients with normal baseline ventricular function. Deaths due to cardiac arrest have occurred within one day after carfilzomib administration, and fatal cases of heart failure and myocardial infarction have been reported. In the case of acute renal impairment occurred more frequently in patients with normal baseline venets of acute renal impairment occurred more frequently in patients with though as monotherapy. In clinical studies performed with advanced relapsed and refractory multiple myeloma who received carfilzomib as monotherapy. In clinical studies performed with a subjects with lower baseline creatinine clearance than in those with higher in subjects with lower baseline creatinine clearance. Creatinine clearance than in those with higher baseline creatinine clearance. The comparison of acute renal impairment occurred more frequently in patients with advanced relapsed and refractory multiple myeloma who received carfilzomib. Some of these events have been reported in patients with advanced relapsed and refractory multiple myeloma who received carfilzomib as monotherapy. In clinical studies performed with a subjects with lower baseline creatinine clearance. The comparison occurred more frequently in patients with advanced relapsed and refractory multiple myeloma who received carfilzomib. Some of these events have been fatal. Cases of acute renal impairment occurred more frequently in patients with advanced relapsed and refractory multiple myeloma who received carfilzomib as monotherapy. In clinical studies performed w

failure. <u>Tumor Lysis Syndrome</u>
Patients should be monitored for signs or symptoms of heart failure Cases of tumor lysis syndrome (TLS), including fatal cases, have been

par myocardial ischemia. CARFIZOL® should be withheld in the event of grade 3 or 4 cardiac events until recovery, and restarting CARFIZOL® with pne dose level reduction based on the benefit-risk assessment should ne dose level reduction based on the benefit-risk assessment should be acceptately nytracete before CARFIZUL® administration in Cycle 1 and subsequent cycles as needed. Medications that decrease unical levels should be considered for patients at high risk of ILS. Signs of ILS should be monitored during treatment, including regular monitoring of a thorough evaluation of cardiovascular risk factors is recommended before initiating treatment with CARFIZOL®.

before initiating treatment with CARFIZOL®. Patients with heart failure and greater functional decline, recent myocardial infarction (within the last 4 months), and angina or heart block not controlled with medication may have a higher risk of developing cardiac complications; these patients should undergo a comprehensive cardiological evaluation before starting treatment with CARFIZOL®. This evaluation should enhance the patient's condition, paying particular attention to blood pressure and fluid management. Subsequently, these patients should be treated with caution and remain under close monitoring. Changes in Flectrocardingram withheld until TLS is resolved. Musclon reactions. Cases of infusion reactions, including potentially fatal reactions, have been reported in patients receiving carfilizomib. Symptoms may include fewer, chills, arthraligh, myalgia, facial congestion, facial edema, vomiting, weakness, shortness of breath, hypotension, syncope, chest tightness or angina pectoris. These reactions can occur immediately or up to 24 hours after CARFIZOL® to reduce reaction incidence and severity. Patients should be informed about associated risks and symptoms and the need to promptly contact a physician if any infusion.

Changes in Electrocardiogram
Cases of QT interval prolongation have been reported in clinical studies with carfilzomib, and its effect on the QT interval cannot be ruled

th carfilzomib, and its effect on the QT interval cannot be ruled at. Cases of ventricular tachycardia have been reported in patients seeiving carfilzomib.

Bleeding and Thrombocytopenia
Cases of bleeding (e.g., gastrointestinal, pulmonary, and intracranial bleeding) often associated with thrombocytopenia have been reported in patients treated with carfilzomib. Some of these events have Patients receiving carfilzomib have developed acute respiratory distress syndrome (ARDS), acute respiratory failure, and acute dilfuse infiltrative fung disease such as pneumonitis and interstitial lung disease. Some of these events have been fatal.

CARRIZOL® should be assessed and withheld until these events have been resolved, and CARRIZOL® restarting based on a risk-benefit assessment should be considered.

Hepatic toxicity and hepatic impairment

Hepatic toxicity and hepatic impairment
Cases of hepatic impairment, including fatal cases, have been reported during carfilizomib treatment. Carfilzomib can cause elevations ir serum transaminases. The CARFIZOL® dose should be reduced of withheld as appropriate. Liver enzymes and bilirubin levels should be regularly monitored at the beginning of the treatment and monthly during treatment, regardless of baseline values.

Venous thromboembolic events Venous thromboembolic events, including deep vein thrombosis and

Dyspnea
Dyspnea has been frequently reported in patients treated with carfilzomib. Evaluate dyspnea to exclude cardiopulmonary conditions, including heart failure and pulmonary syndromes.
CARFIZO1® should be withheld in cases of grade 3 and 4 dyspnea until tesolution or recovery to baseline values, and restarting based on a risk-penefit assessment should be considered.

increase the risk of thrombosis (e.g., erythronoietic agents or hormone 750% vs. 47%) was observed in the group that included cartifromib in increase the risk of thrombosis (e.g., erythropoietic agents or hormone teplacement therapy). Patients and physicians are encouraged to pay special attention to the occurrence of signs and symptoms of thromboembolism. Patients should be instructed on how to seek medical help if they develop symptoms such as shortness of breath, chest pain, hemoptysis, pain or swelling in legs or arms.

Antithrombotic prophylaxis measures should be based on an individual risk-benefit assessment. The antithrombotic prophylaxis regimen should be based on the patient's risk factors.

Should be based on the patient's Tisk factors.

Patients using oral contraceptives or hormonal contraception methods associated with thrombosis risk should consider alternative effective contraception methods during CARFIZOL® treatment in combination with dexamethasone or lenalidomide and dexamethasone.

Sodium content

This medication contains 0.3 mmol (7 mg) of sodium per milliliter of reconstituted solution, which should be taken into account in patients on low-sodium diets.

thrombotic microangiopathy Cases of thrombotic microangiopathy, including thrombotic Each 60 mg vial contains 3,000 mg of cyclodextrin (sulfobutyl ether thrombocytopenic purpura and hemolytic uremic syndrome (TTP/HUS), beta-cyclodextrin) equivalent to 88 mg/kg for a 70 kg adult.

thrombocytopenic purpura and hemolytic uremic syndrome (TTP/HUS), have been reported in patients receiving carfilizomib. Some of these events have been fatal. Signs and symptoms of TTP/HUS should be monitored. If TTP/HUS is suspected, CARFIZOL® should be withheld, and patients with suspected TTP/HUS should be evaluated. If the diagnosis of TTP/HUS is ruled out, CARFIZOL® and be resumed. The safety of testarting carfilzomib treatment in patients who previously experienced TTP/HUS is unknown.

Posterior reversible encephalopathy syndrome (PRES) have been reported in patients receiving carfilzomib. PRES is a rare and the reported in patients receiving carfilzomib. PRES is a rare and the reported in patients receiving carfilzomib. PRES is a rare and the reported in patients receiving carfilzomib. PRES is a rare and the reported in patients receiving carfilzomib. PRES is a rare and the reported in patients receiving carfilzomib. PRES is a rare and the reported in patients receiving carfilzomib. PRES is a rare and the receiving carfilzomib and the receiving carfilzomib. PRES is a rare and the receiving carfilzomib and the receiving carfilzomib and the receiving carfilzomib and the receiving carfilzomib. PRES is a rare and the receiving carfilzomib and the receivin Lases of posterior reversible encephalopathy syndrome (PRES) in the deep reported in patients receiving carfilzome). PRES is a rate neurological disorder that can present with seizures, headaches, lethargy, confusional states, blindness, visual and neurological disturbances, along with hypertension, and is diagnosed through neuroradiological imaging.

While carfilzomib is not expected to inhibit the metabolism of CYP3A4 in humans. No clinical study was conducted with doses of 56 mg/m². While carfilzomib is not expected to influence the exposure to other While carfilzomib is not expected to intuence the exposure to oune drugs, it is unknown whether carfilzomib induces CYP1A2, 2C8; 2C19, and 260 with therapeutic strengths. Therefore, caution the teatment in patients who previously experienced PRES is unknown.

While carfilzomib is not expected to intuence the exposure to oune drugs, it is unknown whether carfilzomib induces CYP1A2, 2C8; 2C9, ac19, and 260 with therapeutic strengths. Therefore, caution should be exercised when carfilzomib is combined with medications that are substrates of these enzymes, such as oral contraceptives.

reatment in patients who previously experienced PRES is unknown.

Reactivation of hepatitis B virus (HBV)
Cases of reactivation of hepatitis B virus (HBV) have been reported in patients who received carfilzomib.

All patients should undergo screening for HBV before starting CARFIZOL® treatment. For patients with positive HBV serology, antiviral prophylaxis should be considered. These patients should be made in consultation with specialists in HBV treatment is recommended.

When necessary, consultation with specialists in HBV treatment after adequately controlling HBV reactivation. Therefore, the decision of the starting carfilzomib is administered intravenously and undergoes extensive metabolism, so its pharmacokimetic profile is unlikely to be affected by inhibitors or inducers of P-gp or BCRP. In vitra, at strengths (3 Juhl) lower than those expected at therapeutic doses, carfilzomib is the transport of digoxin, a P-gp substrate, by 25%. Caution should be exercised when carfilzomib is combined with medications should be exercised when carfilzomib is combined with medications should be exercised when carfilzomib is combined with medications should be exercised when carfilzomib is combined with medications should be exercised when carfilzomib is combined with medications should be exercised when carfilzomib is combined with medications should be exercised when carfilzomib is combined with medications should be exercised when carfilzomib is combined with medications should be exercised when carfilzomib is combined with medications should be exercised when carfilzomib is combined with medications should be exercised when carfilzomib is combined with medications should be exercised when carfilzomib is combined with medications should be exercised when carfilzomib is combined with medications should be exercised when carfilzomib is combined with medications should be exercised when carfilzomib is combined with medications should be exercised when carfilzomib is combined with medications and contraceptive.

(e.g., digoxin, colchicine). Progressive multifocal leukoencephalopathy
Cases of progressive multifocal leukoencephalopathy (PML) have been is unknown whether carfilzomib can inhibit other OATP1B3, OAT1, O reported in patients who received carfilzomib and had previously received or concomitantly received immunosuppressive treatment.

OCT2, and BSEP transporters systemically. Carfilzomib does not in human UGT287 but inhibits human UGT141 with an IC50 of 5.5

proncomitantly received immunosuppressive treatment.
As part of the differential diagnosis of CNS disorders, patients receiving carfilzomib should be monitored for any new onset or worsening of If PMI is suspected treatment administration should be temporarily

PML is suspected, treatment administration should be temporarily thisheld until a specialist rules out PML using the appropriate diagnostic st. If PML is confirmed, carfilzomib treatment should be permanently scontinued.

CARFIZUL® powder for solution for infusion should not be mixed with others.

CARFIZUL® powder for solution for infusion should not be mixed with sodium chloride 9 mg/ mL (0.9%) solution for injection.

Embryofetal toxicity and contraception
Carfilzomib can cause fetal harm if administered to pregnant women, based on its mechanism of action and observations in animals. There are no adequate and well-controlled studies of carfilzomib use in pregnant women.

Women of childbearing potential (and/ or their partners) should use affective partners of the properties of the pr effective contraception during and for at least 1 month after completing all materials that have come into contact with it should be done in treatment. Male patients should use effective contraception during and accordance with local regulations.

for of childbearing potential and not using effective contraception. CARFIZOL® may reduce the effectiveness of oral contraceptives. Carcinogenesis, mutagenesis, impairment of fertility and nonclinical safety data

Increased fatal or severe toxicities in combination with melphalan and prednisone in newly disagnosed transplant inclinity products of the product of the pr