Blitzima[®]

Patient information leaflet BLITZIMA

PROPRIETARY NAME, STRENGTH AND PHARMACEUTICAL FORM BLITZIMA 100 mg concentrate for solution for infusion BLITZIMA 500 mg concentrate for solution for infusion

Reat this leaflet. You may need to read it again.

If you have further questions, please ask your doctor or your pharmacist.

BLITZIMA has been prescribed for you personally and you should not share your medicine with other people. It may harm them, even if their symptoms are the same as yours.

Each ml contains 10 mg rituximab.
Each vial contains 100 mg (in 10 ml) or 500 mg (in 50 ml) rituximab.
The other ingredients are polysorbate 80, sodium chloride, tri-sodium citrate dihydrate, water for injections.

ELITZIMA may be used for the treatment of several different conditions in adults. Your doctor may prescribe BLITZIMA for the treatment of:

3. BEFORE YOU USE BLITZIMA
Do not use BLITZIMA if:

• you are hypersensitive (allergic) to rituximab, other proteins which are like rituximab, or any of the other ingredients of BLITZIMA (see WHAT BLITZIMA CONTAINS).

• you have a severe active infection at the moment, infection with tuberculosis (TB), or have recently been in close contact with someone who has a tuberculosis (TB) infection.

Read all of this leaflet carefully before you start using BLITZIMA

Granulomatosis with polyangiitis or microscopic polyangiitis

SCHEDULING STATUS S4

1. WHAT BLITZIMA CONTAINS

2. WHAT BLITZIMA IS USED FOR

Chronic lymphocytic leukaemia

3. BEFORE YOU USE BLITZIMA

you have severe heart failure or severe uncontrolled heart disease and have granulomatosis with Indien u ernstige hartversaking of ernstige ongekontroleerde hartsiekte en granulomatose met poliangiitis of mikroskopies poliangiitis het nie. taste problems - such as changes in the way things taste heart problems - such as reduced heart rate or chest pain (angina) nearr problems – such as reduced nearr rate or chest pain (angina) asthma, too little oxygen reaching the body organs swelling of the stomach short term increase in the amount of some types of antibodies in the blood (called immunoglobulins – IgM), chemical disturbances in the blood caused by break-down of dying cancer cells nerve damage in arms and legs, paralysed face Moenie **BLITZIMA** gebruik indien enige van bogenoemde op u van toepassing is nie. Indien u nie seker is nie, raadpleeg u dokter, apteker of verpleegster voordat u **BLITZIMA** gebruik. Do not use **BLITZIMA** if any of the above apply to you. If you are not sure, talk to your doctor, pharmacist or Neem spesiale sorg met BLITZIMA: Neem spesiale sorg met BLITZIMA:

Raadpleeg u dokter, apteker of verpleegster voordat u BLITZIMA gebruik:

Indien u al ooit gediagnoseer is met tuberkulose (TB) infeksie of dit tans dalk het. Dit is omdat BLITZIMA kan veroorsaak dat die tuberkulose infeksie weer aktief word. Vir hierdie rede kan u dokter u toets vir tuberkulose en aandui dat u voorkomende behandeling vir tuberkulose infeksie benodig voordat u begin om BLITZIMA te gebruik. Indien die toets negatief is, kan u dokter u monitor en periodiek toets vir TB-infeksie tydens u behandeling met BLITZIMA.

Indien u ooit 'n hepatitis infeksie gehad of dit dalk tans het. Dit is omdat BLITZIMA in 'n paar gevalle kan veroorsaak dat hepatitis-B weer aktief word, wat in baie seldsame gevalle noodlottig kan wees. Pasiënte wat ooit hepatitis-B infeksie gehad het, sal sorgvuldig deur hul dokter nagagaan word vir tekens van hierdie infeksie. Take special care with BLITZIMA:

Talk to your doctor, pharmacist or nurse before you use BLITZIMA if:

you have ever been diagnosed with or might currently have a tuberculosis (TB) infection. This is because BLITZIMA could cause the tuberculosis infection to become active again. For this reason, your doctor may test for tuberculosis and indicate that you require preventative treatment for tuberculosis infection before using BLITZIMA. If the test is negative your doctor may monitor and periodically test for TB infection during your treatment with BLITZIMA.

you have ever had or might now have a hepatitis infection. This is because in a few cases, BLITZIMA could cause hepatitis. B to become active again, which can be fatal in very rare cases. Patients who have heart failure heart failure
 inflammation of blood vessels including those leading to skin symptoms
 respiratory failure
 damage to the intestinal wall (perforation)
 severe skin problems causing blisters that can be life-threatening. Redness, often associated with blisters, may appear on the skin or on mucous membranes, such as inside the mouth, the genital areas en koors kan voorkom or the eyelids, and fever may be present. could cause hepatitis B to become active again, which can be fatal in very rare cases. Patients who have ever had hepatitis B infection will be carefully checked by their doctor for signs of this infection. Indien u ooit hartprobleme (soos angina, hartklopping of harversaking) of asemhalingsprobleme gehad you have ever had heart problems (such as angina, palpitations or heart failure) or breathing problems. Indien enige van die bogenoemde van u van toepassing is (of indien u nie seker is nie), raadpleeg u dokter, apteker of verpleegster voordat u **BLITZIMA** gebruik. U dokter moet dalk spesiale sorg neem tydens u behandeling met **BLITZIMA**. a reduction in white blood cells which does not happen straight away
reduced platelets number just after the infusion – this can be reversed, but can be fatal in rare cases
hearing loss, loss of other senses If any of the above apply to you (or you are not sure), talk to your doctor, pharmacist or nurse before you use **BLITZIMA**. Your doctor may need to take special care during your treatment with **BLITZIMA**. If you have granulomatosis with polyangiitis or microscopic polyangiitis also tell your doctors Indien u granulomatose met poliangiitis of mikroskopiese poliangiitis het, vertel ook u dokter:

• Indien u dink dat u 'n infeksie het, selfs al is dit 'n ligte een soos verkoue. Die selle wat deur BLITZIMA beïnvloed word, help om infeksie te beveg en u moet wag totdat die infeksie verby is vordat u BLITZIMA gebruik. Vertel ook u dokter indien u in die verlede baie infeksies gehad het of indien u aan ernstige if you think you may have an infection, even a mild one like a cold. The cells that are affected by **BLITZIMA** help to fight infection and you should wait until the infection has passed before you use **BLITZIMA**. Also tell your doctor if you have had a lot of infections in the past or suffer from severe b) If you are being treated for granulomatosis with polyangiitis or microscopic polyangiitis infections, such as chest infections, urinary tract infections (pain on passing water), colds and herpes if you think you may need any vaccinations in the near future, including vaccinations for travel to other countries. Some vaccines should not be given at the same time as BLITZIMA or in the months after you receive BLITZIMA. Your doctor will check if you should have any vaccines before you use BLITZIMA. Interestes ty.

Indien u dink dat u binnekort enige inentings mag benodig, insluitend inentings vir reis na ander lande.

Sommige inentings moet nie gelyktydig saam met BLITZIMA gegee word nie, asook nie in die maande nadat u BLITZIMA ontvang het nie. U dokter sal seker maak of u enige inentings moet hê voordat u BLITZIMA gebruik. allergic reactions that are most likely to occur during an infusion, but can occur up to 24-hours after neusbloeding verhoogde bloeddruk coughing or shortness of breath Children and adolescents

Talk to your doctor, pharmacist or nurse before you are given this medicine if you, or your child, are under 18 years of age. This is because there is not much information about the use of **BLITZIMA** in children and pynlike gewrigte of rugspiertrekkings of bewerigheidduiselig voel nose bleeds Kinders en adolessente
Raadpleeg u dokter, apteker of verpleegster voordat u hierdie medisyne kry, indien u of u kind jonger as
18 jaar is. Dit is omdat daar nie veel inligting oor die gebruik van **BLITZIMA** by kinders en jongmense is nie. raised blood pressure painful joints or back muscle twitches or shakiness feeling dizzy Swangerskap en borsvoeding:
Indien u swanger is of u baba borsvoed, raadpleeg asseblief u dokter, apteker of ander gesondheidsorgkundige vir advies voordat u BLITZIMA begin neem.

U moet u dokter of verpleegster vertel indien u swanger is, dink dat u dalk swanger is of beplan om swanger te raak. Dit is omdat BLITZIMA oor die plasenta kan beweeg en u baba kan beinvloed.

Indien u swanger kan raak, moet u en u maat 'n doeltreffende voorbehoedmetode gebruik terwyl u BLITZIMA gebruik. U moet dit ook 12 maande na u laaste behandeling met BLITZIMA doen.

Moenie borsvoed terwyl u met BLITZIMA behandel word nie.

Moenie borsvoed vir 12 maande na u laaste behandeling met BLITZIMA nie. Dit is omdat BLITZIMA in Pregnancy and breastfeeding:
If you are pregnant or breastfeeding your baby, please consult your doctor, pharmacist or other healthcare professional for advice before taking BLITZIMA.
You must tell your doctor or nurse if you are pregnant, think that you might be pregnant or are planning to become pregnant. This is because BLITZIMA can transfer across the placenta and may affect your baby. difficulty sleeping (insomnia) swelling of the hands or ankles If you can get pregnant, you and your partner must use an effective method of contraception while using
BLITZIMA. You must also do this for 12 months after your last treatment with BLITZIMA.

Do not breastfeed while you are being treated with BLITZIMA.

Do not breastfeed for 12 months after your last treatment with BLITZIMA. This is because BLITZIMA may stywe of pynlike spiere flushing or redness of the skin Moenie borsvoed vir 12 maande na u laaste behandeling met **BLITZIMA** nie. Dit is omdat **BLITZIMA** in blocked nose tight or painful muscles pain in the muscles or in the hands or fee low number of red blood cells (anaemia) low numbers of platelets in the blood Bestuur en gebruik van masjinerie:
BLITZIMA kan u vermoë om voertuie te bestuur of masjiene te gebruik benadeel. Neem spesiale sorg voordat u take uitvoer wat u aandag verg, totdat u weet hoe BLITZIMA u sal beïnvloed. Driving and using machinery:
BLITZIMA may impair your ability to drive a vehicle or use machines. Take special care before performing tasks requiring your attention, until you know how BLITZIMA will affect you. an increase in the amount of potassium in the blood · changes in the rhythm of the heart, or the heart beating faster than normal Neem van ander medisyne met BLITZIMA:

Vertel altyd u gesondheidsorgkundige indien u enige ander medisyne gebruik. (Dit sluit komplementêre of traditionele medisyne in.)

Vertel u dokter of apteker indien u die volgende tans gebruik:

Vertel u dokter indien u medisyne vir hoë bloeddruk neem. U kan gevra word om nie hierdie ander medisyne 12 uur voordat BLITZIMA toegedien word te neem nie. Dit is omdat sommige mense se bloeddruk daal terwyl hulle BLITZIMA ontvang.

Indien u ooit medisyne neem wat u immuunstelsel beïnvloed, soos chemoterapie of immuunonderdrukkende medisyne. Less frequent:

• severe blistering skin conditions that can be life-threatening. Redness, often associated with blisters, may appear on the skin or on mucous membranes, such as inside the mouth, the genital areas or the eyelids, Always tell your healthcare professional if you are taking any other medicine. (This includes complementary or traditional medicines.)

Tell your doctor or pharmacist if you are currently using:

if you are taking medicines for high blood pressure. You may be asked not to take these other medicines 12 hours before you are given BLITZIMA. This is because some people have a fall in their blood pressure while they are being given BLITZIMA.

if you have ever taken medicines which affect your immune system, such as chemotherapy or figure the skin or on mucous membranes, such as inside the micrount, the genital areas or the and fever may be present.

recurrence of a previous Hepatitis B infection

BLITZIMA may also cause changes in laboratory tests carried out by your doctor.

If you notice any side effects not mentioned in this leaflet, please inform your doctor or pharmacist. 4. HOE OM BLITZIMA TE NEEM
Moenie medisyne wat vir u voorgeskryf is met enige ander persoon deel nie.
Neem BLITZIMA altyd presies soos u dokter voorgeskryf het.
Raadpleeg u dokter of apteker indien u onseker is. 6. STORING AND DISPOSING OF BLITZIMA 4. HOW TO TAKE BLITZIMA Do not share medicines prescribed for you with any other person. Always take **BLITZIMA** exactly as your doctor has instructed you. Keep the container in the outer carton in order to protect from light. Verdunde produk You should check with your doctor or pharmacist if you are unsure Diluted product
The prepared infusion solution of rituximab is physically and chemically stable for 24 hours at 2 °C to 8 °C and Hoe dit gegee word
BLITZIMA sal aan u gegee word deur 'n dokter of verpleegkundige wat ervare is in die gebruik van hierdie behandeling. Hulle sal u noukeurig dophou terwyl u hierdie medisyne ontvang. Dit is ingeval u enige How it is given BLITZIMA will be given to you by a doctor or nurse who is experienced in the use of this treatment. They will watch you closely while you are being given this medicine. This is in case you get any side effects. You will always be given BLITZIMA as a drip (intravenous infusion). subsequently 12 hours at room temperature (not more than 30 °C).

From a microbiological point of view, the prepared infusion solution should be used immediately. If not used immediately, in-use storage times and conditions prior to use are the responsibility of the user and would normally not be longer than 24 hours at 2 °C to 8 °C, unless dilution has taken place in controlled and U sal altyd **BLITZIMA** as 'n drip (binneaarste infusie) ontvang. Medicines given before each BLITZIMA administration
Before you are given BLITZIMA, you will be given other medicines (pre- medication) to prevent or reduce possible side effects. Medisyne wat voor elke BLITZIMA toediening gegee word Voordat u BLITZIMA ontvang, sal u ander medisyne (pre-medisyne) ontvang om moontlike newe-effekte te STORE ALL MEDICINES OUT OF REACH OF CHILDREN. Do not use after the expiry date printed on the carton.
Return all unused medicine to your pharmacist.
Do not dispose of unused medicine in drains and sewerage systems (e.g. toilets). Hoeveel en hoe gereeld sal u behandeling ontvang
a) Indien u vir nie-Hodgkin's Limfoom behandel word
• Indien u BLITZIMA alleenlik ontvang
BLITZIMA sal een keer per week vir 4 weke aan u gegee word. Herhaalde behandelingskursusse met
BLITZIMA is moontlik.
• Indien u BLITZIMA saam met chemoterapie ontvang
BLITZIMA sal op dieselfde dag as u chemoterapie aan u gegee word. Dit word gewoonlik elke 3 weke How much and how often you will receive your treatment 7. PRESENTATION OF BLITZIMA
BLITZIMA 100 mg: Clear, colourless, type I glass vial with a chlorobutyl rubber stopper and an aluminium seal with a yellow flip-off cap. Pack of 2 vials.
BLITZIMA 500 mg: Clear, colourless, type I glass vial with a chlorobutyl rubber stopper and an aluminium a) If you are being treated for non-Hodgkin's Lymphoma
 If you are having BLITZIMA alone BLITZIMA will be given to you once a week for 4 weeks. Repeated treatment courses with BLITZIMA are possible.

If you are having BLITZIMA with chemotherapy
BLITZIMA will be given to you on the same day as your chemotherapy. This is usually given every seal with a dark grey flip-off cap. Pack of 1 vial. gegee tot en met 8 keer.
Indien u goed reageer op behandeling, kan u **BLITZIMA** elke 2 of 3 maande vir twee jaar gegee word. U 8. IDENTIFICATION OF BLITZIMA 3 weeks up to 8 times. 9 REGISTRASIENOMMERS If you respond well to treatment, you may be given BLITZIMA every 2 or 3 months for two years. Your doctor may change this, depending on how you respond to the medicine. 9. REGISTRATION NUMBERS b) Indien u vir chroniese limfositiese leukemie behandel word Wanneer u met BLITZIMA in kombinasie met chemoterapie behandel word, sal u BLITZIMA elke 28 dae ontvang totdat u 6 dosisse ontvang plet. Die chemoterapie moet na die BLITZIMA-infusie gegee word. U dokter sal besluit of u ander behandeling terselfdertyd moet ontvang. b) If you are being treated for chronic lymphocytic leukaemia
When you are treated with BLITZIMA in combination with chemotherapy, you will receive BLITZIMA every
28 days until you have received 6 doses. The chemotherapy should be given after the BLITZIMA infusion. BLITZIMA 100 ma: 53/26/0506 BLITZIMA 500 mg: 53/26/0507 Adcock Ingram Limited New Road 1 Your doctor will decide if you should receive other treatment at the same time. 10. NAME AND ADDRESS OF REGISTRATION HOLDER Erand Gardens c) Indien u vir granulomatose met poliangiitis of mikroskopiese poliangiitis behandel word Behandeling met BLITZIMA maak gebruik van vier afsonderlike infusies wat weekliks gegee word. 'n Kortikosteroïedmedisyne sal gewoonlik met 'n inspuiting toegedien word voordat die BLITZIMA behandeling begin. 'n Kortikosteroïedmedisyne wat per mond gegee word, kan enige tyd deur u dokter begin word om u toestand te behandel. Adcock Ingram Limited 1 New Road Midrand, 1685 c) If you are being treated for granulomatosis with polyangiitis or microscopic polyangiitis
Treatment with BLITZIMA uses four separate infusions given at weekly intervals. A corticosteroid medicine
will usually be given by injection before the start of BLITZIMA treatment. Corticosteroid medicine given by South Africa Erand Gardens 11.DATUM VAN PUBLIKASIE mouth may be started at any time by your doctor to treat your condition. adcock Ingram 🔾

> O HEALTHCARE **●CELL**TRION™

low number of white blood cells sometimes with fever, or low number of blood cells called "platelets"

bald spots on the scalp, chills, headache
 bower immunity – because of lower levels of anti-bodies called "immunoglobulins" (IgG) in the blood which help protect against infection
 infections of the blood (sepsis), pneumonia, shingles, cold, bronchial tube infections, fungal infections,

allergic reactions (hypersensitivity) high blood sugar level, weight loss, swelling in the face and body, high levels of the enzyme LDH in the

unusual feelings of the skin - such as numbness, tingling, pricking, burning, a creeping skin feeling,

reduced series of routin
feeling restless, problems falling asleep,
becoming very red in the face and other areas of the skin as a consequence of dilation of the blood

ringing sound in the ears, teal out problems, initiative bye (conjunctivities) ringing sound in the ears, ear pain heart problems – such as heart attack and uneven or fast heart rate high or low blood pressure (low blood pressure especially when standing upright) tightening of the muscles in the airways which causes wheezing (bronchospasm), inflammation, irritation

being sick (vomiting), diarrhoea, pain in the stomach, irritation or ulcers in the throat and mouth, problems

blood clotting problems, decrease of red blood cell production and increase of red blood cell destruction (aplastic haemolytic anaemia), swollen or enlarged lymph nodes low mood and loss of interest or enjoyment in doing things, feeling nervous

infections of unknown origin, sinus inflammation, hepatitis B low number of red blood cells (anaemia), low number of all blood cells

producing more tears, tear duct problems, inflamed eye (conjunctivitis)

in the lungs, throat or sinuses, being short of breath, runny nose

being sick (volunting), diamnosa, pain in the storiach, irritation or dicers in the throat are swallowing, constipation, indigestion
 eating disorders: not eating enough, leading to weight loss
 hives, increased sweating, night sweats
 muscle problems – such as tight muscles, joint or muscle pain, back and neck pain
 general discomfort or feeling uneasy or tired, shaking, signs of flu
 multipleorgan failure.

reduced sense of touch

feeling dizzy or anxious

11. DATE OF PUBLICATION

PasiëntInligtingstuk vir BLITZIMA

SKEDULERINGSTATUS | \$4

EIENDOMSNAAM, STERKTE EN DOSEERVORM

2. WAARVOOR BLITZIMA GEBRUIK WORD

3. VOORDAT U BLITZIMA GEBRUIK

BLITZIMA 100 mg konsentrasie vir oplossing vir infusie BLITZIMA 500 mg konsentrasie vir oplossing vir infusie

Nie-Hodgkin's Limform
 Chroniese limfositiese leukemie
 Granulomatose met poliangiitis of mikroskopiese poliangiitis

Hou hierdie inligtingstuk. Dit mag nodig wees om dit weer te lees. Raadpleeg asseblief u dokter of apteker indien u verdere vrae het.

Lees hierdie inligtingstuk sorgvuldig deur voordat u begin om BLITZIMA te gebruik:

• BLITZIMĂ is vir u persoonlik voorgeskryf en u moet nie u medisyne met ander persone deel nie. Dit mag skadelik vir hulle wees, selfs al is hul simptome dieselfde as u s'n.

Elke ml bevat 10 mg rituximab. Elke flessie bevat 100 mg (in 10 ml) of 500 mg (in 50 ml) rituximab. Die ander bestanddele is polisorbaat 80, natriumchloried, tri-natriumsitraatdihidraat, water vir inspuitings.

BLITZIMA kan gebruik word vir die behandeling van verskillende toestande in volwassenes. U dokter kan BLITZIMA vir die behandeling van die volgende voorskryf:

A Nie Hodeking Limform

Moenie BLITZIMA gebruik:
Indien u hipersensitief (allergies) vir rituximab, ander proteiene wat soos rituximab is, of enige van die ander bestanddele van BLITZIMA (sien WAT BLITZIMA BEVAT) is nie.
Indien u tans 'n erge aktiewe infeksie het, infeksie met tuberkulose (TB) het of onlangs in noue kontak was met iemand wat tuberkulose (TB) het nie.

kaa latila wiilubedselle sonis inet koors, on lae aantal bloedselle genaamid bloedplaadjes siek voel (naarheid)
kaal kolle op die kopvel, kouekoors, hoofpyn
laer immuniteit – as gevolg van laer vlakke van anti-liggame genaamd "immunoglobuliene" (IgG) in die bloed wat help beskerm teen infeksie infeksies van die bloed (sepsis), longontsteking, gordelroos, verkoue, brongiale buisinfeksies, surantiefskies infeksies van onbekende overpreng sinuspotsteking boostitis. B swaminfeksies, infeksies van onbekende oorsprong, sinusontsteking, hepatitis-B lae aantal rooibloedselle (bloedarmoede), lae aantal van alle bloedselle allergiese reaksies (hipersensitiwiteit)
hoë bloedsuikervlak, gewigsverlies, swellling in die gesig en lyf, hoë vlakke van die ensiem LDH in die bloed, lae kalsiumvlakke in die bloed bloed, lae kalsiumvlakke in die bloed
ongewone gevoelens van die vel – soos gevoelloosheid, tinteling, brand, 'n kriewelende vel gevoel, verminderde sensasie van aanraking
rusteloos voel, probleme om aan die slaap te raak
word baie rooi in die gesig en ander velareas as gevolg van verwyding van die bloedvate
duiselig of angstig voel
die vervaardiging van meer trane, probleme met traankanale, ontsteekte oog (konjunktivitis)
lui geluid in die ore, oorpyn
hartprobleme – soos hartaanval of ongelyke of vinnige hartklop
hoë of tee bloeddruk (lae bloeddruk veral as u renon staan) hoë of lae bloeddruk (lae bloeddruk veral as u regop staan) vernouing van die spiere in die lugweë wat hyging (brongospasma) veroorsaak, ontsteking, irritasie in die vernouing van die spiere in die lugweë wat hyging (brongospasma) veroorsaak, ontsteking, irritasie in die longe, keel of sinusse, kortasem, loopneus
 siek word (braking), diarree, pyn in die maag, irritasie of sere in die keel en mond, slukprobleme, hardlywigheid, slegte spysvertering
 eetversteurings: nie genoeg eet nie, wat tot gewigsverlies lei
 velbulte, verhoogde sweet, nagsweet
 spierprobleme – soos stywe spiere, gewrigs- of spierpyn, rug- of nekpyn
 algemene ongemak of ongemaklik voel of moegheid, skud, tekens van griep
 veelvuldige orgaanversaking winder aniweis:

bloedstollingsprobleme, afname in rooibloedselproduksie en toename in vernietiging van rooibloedselle (aplastiese hemolitiese anemie), swelling of vergrote limfknope
lae gemoed en verlies aan belangstelling of plesier om dinge te doen, senuweeagtig voel smaakprobleme – soos veranderinge in die manier hoe dinge smaak hartprobleme – soos verminderde hartklop of borspyn (angina)
asma, te min suurstof wat die liggaamsorgane bereik swelling van die maag
 korttermyn toename in die hoeveelheid van sommige soort teenliggaampies in die bloed (genaamd immunoglobuliene – IgM), chemiese versteurings in die bloed veroorsaak deur die afbreek van sterwende senuweeskade in arms en bene, verlamde gesig hartversaking ontsteking van bloedvate insluitend dié wat tot velsimptome lei respiratoriese versaking
 skade aan die dermwand (perforasie)
 ernstige velprobleme wat blase veroorsaak wat lewensgevaarlik kan wees. Rooiheid, wat dikwels met blase gepaard gaaa, kan op die vel of op slymwliese verskyn, soos in die mond, geslagsdele of ooglede, enwerisie Unicedia.

'n vermindering in witbloedselle wat nie dadelik plaasvind nie
verminderde aantal bloedplaatjies net na die infusie – dit kan omgekeer word, maar kan in seldsame
gevalle noodlottig wees
gehoorverfiles, verfies van ander sintuie b) Indien u vir granulomatose met poliangiitis of mikroskopiese poliangiitis behandel word infeksies, soos borsinfeksies, urienweginfeksies (pvn tydens urinering), verkoue en her allergiese reaksies wat waarskynlik tydens 'n infusie kan voorkom, maar wat tot 24 uur na infusie kan bewing (bewerigheid, dikwels in die hande)
 probleme met slaap (slapeloosheid)
 swelling van die hande of enkels
 slegte enverdering slegte spysvertering hardlywigheid veluitslag, insluitend aknee of kolle blosing of rooiheid van die vel pyn in die spiere of in die hande of voete
lae aantal rooibloedselle (bloedarmoede) lae aantal plaatijes in die broeve
 'n toename in die hoeveelheid kalium in die bloed
 veranderinge in die hartritme, of die hart klop vinniger as normaal ernstige blaasvormende veltoestande wat lewensgevaarlik kan wees. Rooiheid, dikwels geassosieer met blase, kan op die vel of slymvlies verskyn, soos in die mond, die geslagsdele of die ooglede, en koors kan erhaling van 'n vorige Hepatitis-B infeksie BLITZIMA kan ook verandering in laboratoriumtoetse veroorsaak wat deur u dokter uitgevoer is. Indien u enige newe-effekte opmerk wat nie in hierdie inligtingstuk genoem word nie, moet u asseblief u dokter of apteker in kennis stel. 6. BERGING EN WEGDOENING VAN BLITZIMA Bêre teen 2 °C tot 8 °C.
Hou die houer in die buiteste karton om te beskerm teen lig. Die voorhereide influsie-onlossing van rituximah is fisies en chemies stabiel vir 24 uur teen 2 °C tot 8 °C en daarna 12 uur teen kamertemperatuur (nie meer as 30 °C). Van 'n mikrobiologiese oogpunt, moet die voorbereide oplossing onmiddellik gebruik word. Indien nie onmiddellik gebruik, is die in-gebruik bergingstye en toestande voor die gebruik die verantwoordelikheid van die gebruik er is dit gewoonlik ine langer as 24 uur teen 2 °C tot 8 °C nie, behalwe as die verdunning in gekontroleerde en gevalideerde aseptiese bestande plaasgevind het.

BÊRE ALLE MEDISYNE BUITE BEHEER VAN KINDERS Moenie gebruik na die vervaldatum wat op die karton aangedui is nie.
Neem alle ongebruikte medisyne terug na u apteker.
Moenie ongebruikte medisyne in dreine en rioolstelsels (e.g. toilette) weggooi nie. 7. VOORSTELLING VAN BLITZIMA BLITZIMA 100 mg: Helder, kleurlose, tipe I glas flessie met 'n chloorbutielrubberstop en 'n aluminiumseël met 'n geel af-flip doppie. Pak met 2 flessies.

BLITZIMA 500 mg: Helder, kleurlose, tipe I glas flessie met 'n chloorbutielrubberstop en 'n aluminiumseël met 'n donkergrys af-flip doppie. Pak met 1 flessie. 8. IDENTIFIKASIE VAN BLITZIMA 10.NAAM EN ADRES VAN REGISTRASIEHOUER adcock Ingram 🔾

lae aantal witbloedselle soms met koors, of lae aantal bloedselle genaamd "bloedplaatijes"

O HEALTHCARE **●CELL**TRION™

Very rarely, severe blistering skin conditions that can be life-threatening may occur. Redness, often associated with blisters, may appear on the skin or on mucous membranes, such as inside the mouth, the

genital areas or the eyelids, and fever may be present.

Tell your doctor immediately if you have any of these symptoms

If you receive more BLITZIMA than you should:
Since BLITZIMA is administered by your doctor or nurse, it is unlikely that you will be given too much. There are no known side effects of receiving too much BLITZIMA.

If you forget or miss your BLITZIMA infusion:
If you forget or miss an appointment to receive BLITZIMA, make another appointment as soon as possible

Should your general health worsen or if you experience any untoward effects while taking **BLITZIMA**, please consult your doctor, pharmacist or other healthcare professional for advice.

Infusion reactions
During or within the first 2 hours of the first infusion you may develop fever, chills and shivering. Less

During or within the first 2 hours of the first infusion you may develop fever, chills and shivering. Less frequently, some patients may get pain at the infusion site, blisters, itching, sickness, theadache, breathing difficulties, tongue or throat swelling, itchy or runny nose, vomiting, flushing or palpitations, heart attack or low number of platelets. If you have heart disease or angina, these infusion reactions might get worse. **Fell the person giving you the infusion immediately** if you develop any of these symptoms, as the infusion may need to be slowed down or stopped. You may require additional treatment such as an antihistamine or paracetamol. When these symptoms go away, or improve, the infusion can be continued. These reactions are less likely to happen after the second infusion.

Your doctor may decide to stop your **BLITZIMA** treatment if these reactions are serious.

Intections
Tell your doctor immediately if you get signs of an infection including:

• fever, cough, sore throat, burning pain when passing urine or feeling weak or generally unwell

• memory loss, trouble thinking, difficulty walking or sight loss – these may be due to a very rare, serious

brain infection, which has been fatal (progressive multifocal leukoencephalopathy or PML)

You might get infections more easily during your treatment with **BLITZIMA**. These are often colds, but there have been cases of pneumonia or urinary infections.

If you are being treated for granulomatosis with polyangiitis or microscopic polyangiitis, you will also find this information in the Patient Alert Card you have been given by your doctor. It is important that you keep this Alert Card and show it to your partner or caregiver.

5. POSSIBLE SIDE EFFECTS

BLITZIMA can have side effects. Not all side effects reported for **BLITZIMA** are included in this leaflet.

Tell your doctor as soon as possible if you notice any of the following:
a) If you are being treated for non-Hodgkin's Lymphoma or chronic lymphocytic leukaemia

bacterial or viral infections, bronchitis

5. MOONTLIKE NEWE-EFFEKTE

Vertel u dokter so gou as moontlik indien u enige van die volgende opmerk:
a) Indien u vir nie-Hodgkin's Limfoom of chroniese limfositiese leukemie behandel word:

Indien u meer BLITZIMA ontvang as wat u moet:

Aangesien BLITZIMA deur u dokter of verpleegster toegedien word, is dit onwaarskynlik dat u te veel gegee sal word. Daar is geen newe-effekte bekend indien u te veel BLITZIMA ontvang nie.

Indien u, u BLITZIMA-infusie vergeet of mis: Indien u 'n afspraak om BLITZIMA te ontvang vergeet of mis, moet u so gou moontlik 'n ander afspraak

5. MOONTLINE NEWE-ETTERTE
BLITZIMA kan newe-effekte hê.
Nie alle newe-effekte wat vir BLITZIMA gerapporteer is, is in hierdie inligtingstuk ingesluit nie.
Indien u algemene gesondheid versleg of indien u enige ongewenste effekte ervaar terwyl u BLITZIMA ontvang, raadpleeg asseblief u dokter, apteker of ander gesondheidsorgkundige vir advies.

Gedurende of binne die eerste 2 uur van die eerste infusie kan u koors, kouekoors en bewing ontwikkel.

Gedurende of binne die eerste 2 uur van die eerste infusie kan u koors, kouekoors en bewing ontwikkel. Minder dikwels, kan sommige pasiënte pyn kry op die infusieplek, blase, jeuk, siek voel, moegheid, hoofpyn, asemhalingsprobleme, swelling van die tong of keel, jeuk- of loopneus, braking, blosing of hartkloppings, hartaanval of lae aantal bloedplaatjies. Indien u hartsiekte of angina het, kan hierdie infusie-reaksies erger word. Vertel die persoon wat die infusie toedien onmiddellik indien u enige van hierdie simptome ontwikkel, aangesien die infusie dalk vertraag of gestaak moet word. U mag aanvullende behandeling benodig, soos antihistamiene of parasetamol. Wanneer hierdie simptome verdwyn, of verbeter, kan die infusie voortgesit word. Hierdie reaksies is minder waarskynlik om te gebeur na die tweede infusie. U dokter kan besluit om u BLITZIMA behandeling te staak indien hierdie reaksies ernstig is.

koors, hoes, seer keel, brandpyn as u urineer of swak voel of algemeen sleg voel geheueverlies, probleme met denke, loopprobleme of sigverlies – dit kan wees as gevolg van 'n baie seldsame, ernstige breininfeksie, wat noodlottig was (progressiewe multifokale leuko-enkefalopatie of DMI).

PML)
U kan dalk infeksies makliker kry gedurende u behandeling met BLITZIMA. Hierdie is dikwels verkoue, maar daar was gevalle van longontsteking of urinêre infeksies.

Indien u behandel word vir granulomatose met poliangiitis of mikroskopiese poliangiitis, sal u hierdie inligting ook vind in die Pasiënt Waarskuwingskaart wat u dokter ontvang het. Dit is belangrik dat u hierdie Waarkskuwingskaart hou en dit aan u maat of versorger wys.

Baie selde, kan ernstige blaasvormende veltoestande wat lewensgevaarlik kan wees voorkom. Rooiheid, wat dikwels met blase gepaard gaan, kan verskyn op die vel of op die slymvliese, soos binne die mond, die geslagsdele of die ooglede, en koors kan voorkom.

Vertel u dokter ommiddellik indien u enige van hierdie simptome het.

bakteriële of virale infeksies, brongitis

Vertel jou dokter onmiddellik indien u tekens van 'n infeksie kry, insluitend:

Blitzima®

Professional Information for BLITZIMA SCHEDULING STATUS S4

PROPRIETARY NAME AND DOSAGE FORM
BLITZIMA 100 mg concentrate for solution for infusion
BLITZIMA 500 mg concentrate for solution for infusion

Influsion related reactions: Influsion related deaths (death within 24 hours of influsion) have been associated with rituximab. These events appear as manifestations of an influsion related complex and include hypoxia, pulmonary infiltrates, adult respiratory distress syndrome, myocardial inflarction, ventricular fibrillation or cardiogenic, shock. Nearly all fatal influsion related events occurred in relation to the first influsion.

Tumour lysis syndrome (TLS): In the setting of TLS, acute renal failure requiring dialysis, with instances of fatal outcome, has been associated with rituximab. Assessment of renal function and serum electrolytes are indicated in patients with a rapid decrease in tumour volume (see WARNINGS AND SPECIAL PRECAUTIONS).

COMPOSITION
Each vial contains 100 mg (in 10 ml) or 500 mg (in 50 ml) rituximab.

In patients with granulomatosis with polyangiitis or microscopic polyangiitis, the number of peripheral blood B cells decreased to <10 cells/µl after two weekly infusions of rituximab 375 mg/m², and remained at that level in most patients up to the 6 month time point. The majority of patients (81 %) showed signs of B cell return, with counts >10 cells/µl by month 12, increasing to 87 % of patients by month 18.

Granulomatosis with polyangiitis and microscopic polyangiitis

Based on the population pharmacokinetic analysis of data in 97 patients with granulomatosis with polyangiitis and microscopic polyangiitis who received 375 mg/m² rituximab once weekly for four doses, the estimated median terminal elimination half-life was 23 days (range, 9 to 49 days). Rituximab mean clearance and volume of distribution were 0,313 l/day (range, 0,116 to 0,726 l/day) and 4,50 l (range 2,25 to 7,39 l) respectively.

INDICATIONS
Non-Hodgkin's lymphoma (NHL)
BLITZIMA is indicated for the treatment of patients with stage III-IV follicular lymphoma who are chemo-resistant or are in their second or subsequent relapse after chemotherapy.

BLITZIMA document or are in their second or subsequent relapse after chemotherapy.

In combination with CHOP (cyclophosphamide, doxorubicin, vincristine, prednisolone) chemotherapy.

Chronic lymphocytic leukaemia (CLL)

BLITZIMA in combination with chemotherapy is indicated for the treatment of patients with previously untreated and relapsed/refractory CLL. Only limited data are available on efficacy and safety for patients previously treated with monoclonal antibodies including BLITZIMA or patients refractory to previous BLITZIMA plus chemotherapy.

Beffects on ability to drive and use machines:

No studies on the effects of riftuximab on the ability to drive and use machines have been performed. rituximab may cause dizziness and influence the ability to drive and use machines.

Contraindications for use in non-Hodgkin's lymphoma and chronic lymphocytic leukaemia Known hypersensitivity to rituximab, murine proteins or any inactive ingredient of BLITZIMA (see COMPOSITION). Active, severe infections.

Contraindications for use In granulomatosIs with polyanglItIs and microscopic polyanglItIs Known hypersensitivity to rituximab, murine proteins or any inactive ingredient of BLITZIMA (see COMPOSITION). Active, severe infections.

Active, sévere infections.

Patients in a severely immunocompromised state|
Severe heart failure (New York Heart Association Class IV) or severe, uncontrolled cardiac disease (see WARNINGS AND SPECIAL PRECAUTIONS). WARNINGS AND SPECIAL PRECAUTIONS

Tuberculosis (TB)
A diagnosis of any form of active tuberculosis, should be explicitly excluded in patients considered for treatment with
BLITZIMA. Furthermore, a history of previous tuberculosis, HIV-infection, or a diagnosis of latent TB infection pose a
risk for reactivation of tuberculosis disease and appropriate preventive therapy is indicated, regardless of HIV-status.
Diagnosis and treatment of latent infection, following national guidelines, should be initiated prior to use of BLITZIMA.

People initiating BLITZIMA / anti-TNF treatment, who initially tested negative for active or latent tuberculosis, should be
systematically tested for latent TB infection during treatment with rituximab.

contraceptive methods during and for 12 months following treatment with rituximab.

Lactation:
Whether rituximab is excreted in human milk is not known. However, because maternal IgG is excreted in human milk, and
rituximab was detectable in milk from lactating monkeys, women should not breastfeed while treated with rituximab and for
12 months following rituximab to excreted in human milk, and
rituximab was detectable in milk from lactating monkeys, women should not breastfeed while treated with rituximab and for
12 months following rituximab or excreted in human milk, and
rituximab was detectable in milk from lactating monkeys, women should not breastfeed while treated with rituximab and for
12 months following rituximab or excreted in human milk, and
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rituximab was detectable in milk from lactating monkeys, women should not breastfeed while treated with rituximab and
rituximab was detectable in milk from lactating monkeys, women should not breastfeed while tre

Progressive multifocal leukoencephalopathy (PML)
All patients treated with rituximab for granulomatosis with polyangiitis and microscopic polyangiitis must be given the patient alert card with each infusion. The alert card contains important safety information for patients regarding potential increased risk of infections, including PML.

Very rare cases of fatal PML have been reported following the use of rituximab. Patients must be monitored at regular intervals for any new or worsening neurological symptoms or signs that may be suggestive of PML. If, PML is suspected, further dosing must be suspended until PML has been excluded. The clinician should evaluate the patient to determine if the symptoms are indicative of neurological dysfunction, and if so, whether these symptoms are possibly suggestive of PML. Consultation with a neurological dysfunction, including MRI scan preferably with contrast, cerebrospinal fluid (CSF) testing for JC Viral DNA and repeat neurological assessments, should be considered as clinically indicated. The physician should be particularly alert to symptoms suggestive of PML that the patient may not notice (e.g., cognitive, neurological or psychiatric symptoms). Patients should also be advised to inform their partner or caregivers about their treatment, since they may notice symptoms suggestive of PML and suspension of rituximab therapy may lead to similar stabilisation or improved outcome.

DOSAGE AND DIRECTIONS FOR USE
BLITZIMA should be administered under the close supervision of an experienced medical practitioner, and in an environment where full resuscitation facilities are immediately available.

Premedication consisting of an anti-pyretic and an anti-hyretic and a

Non-Hodgkin's lymphoma and chronic lymphocytic leukaemia

Non-Hodgkin's lymphoma and chronic lymphocytic leukaemia Infusion related reactions. Infusion related reactions, which may be related to release of cytokines and/or other chemical mediators. Cytokine release syndrome may be clinically indistinguishable from acute hypersensitivity reactions. This set of reactions which includes syndrome and specifically related to the route of administration of rituximab and can be observed with both formulations. Severe infusion-related reactions with fatal outcome have been reported during post-marketing use of the rituximab infusion. They were characterised by pulmonary events and in some cases included rapid fumour lysis and features of timour lysis syndrome and solving syndrome such as hyperviceaemia, hypoxia, in addition to fever, chills, rigors, introduced and an event of the chemotherapy in the province of timour lysis syndrome and who have responded to induction treatment for patients with previously untreated follicular lymphoma:

The recommended dose of BLITZIMA used as a maintenance treatment for patients with previously untreated follicular lymphoma:

The recommended dose of BLITZIMA used as a maintenance treatment for patients with relapsed/refractory follicular lymphoma:

The recommended dose of BLITZIMA used as a maintenance treatment for patients with relapsed/refractory follicular lymphoma:

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The recommended dose of BLITZIMA used as a maintenance treatment for patients with relapsed/refractory follicular lymphoma:

The recommended dose of BLITZIMA used as a maintenance treatment is: 375 mg/m² body surface area and every 3 months (starting lymphoma) who have responded to induction treatment is:

treatment of patients after complete resolution of signs and symptoms has rarely resulted in repeated severe cytokine release syndrome. Patients with a high tumour burden or with a high number (≥ 25 x 10°/l) of circulating malignant cells such as patients with cells, who may be at higher risk of especially severe cytokine release syndrome, should be treated with extreme caution. These patients should be very closely monitored throughout the first infusion. Consideration should be given to the use of a reduced infusion rate for the first infusion in these patients or a split dosing over two days during the first cycle and any subsequent cycles if the lymphocyte count is still > 25 x 10°/l.

Infusion related adverse reactions of all kinds have been observed in 77 % of patients). These symptoms are usually reversible with interruption of rituxmab infusion and administration of an anti-pyretic, an antihistaminic, release syndrome accompanied by hypotension and bronchospasm in 10 % of patients). These symptoms are usually reversible with interruption of rituxmab infusion saline or bronchodilators, and glucocorticoids if required. Please see cytokine release syndrome accompanied by hypotension and administration of an anti-pyretic, an antihistaminic, release syndrome accompanied by hypotension and glucocorticoids if required. Please see cytokine release syndrome accompanied by hypotension and glucocorticoids if required. Please see cytokine release syndrome accompanied by hypotension and sometimes of the companies of

Anaphylactic and other hypersensitivity reactions, and glucocorticols should be available for immediate use in the event of an allergic reaction during administration of ritusinab. Clinical manifestations of anaphylaxis may appear similar to clinical manifestations of recommended dosage of BLITZIMA in combination with chemotherapy for previously untreated and

Haematological toxicities
Although rituximab is not myelosuppressive in monotherapy, caution should be exercised when considering treatment
of patients with neutrophils < 1.5 x 10⁹/l and/or platelet counts < 75 x 10⁹/l as clinical experience in this population is
limited. Rituximab has been used in 21 patients who underwent autologous bone marrow transplantation and other
risk groups with a presumable reduced bone marrow function without inducing myelotoxicity.

Regular full blood counts, including neutrophil and platelet counts, should be performed during rituximab therapy.

adults recently vaccinated with attenuated live vaccines.
Following rituximab therapy, patients who develop infection should be evaluated promptly and treated appropriately. Prior to initiating treatment with rituximab, it is recommended that immunoglobulin levels are determined.

Cases of hepatitis B reactivation have been reported in subjects were also exposed to cytotoxic chemotherapy. Limited information from one study in relapsed/refractory club, patients with a control or initiating treatment with rituximab and the patitis with fatel outcome. The majority of these subjects were also exposed to cytotoxic chemotherapy. Limited information from one study in relapsed/refractory CLL patients suggests that rituximab breatment may also worsen the outcome of primary hepatitis B infections. Hepatitis B virus (HBV) screening should be performed in all patients before initiation of treatment with other appropriate laboratory visus and normalisation of laboratory values and chest X-ray. In all patients, the infusion and be initially resumed at not more than one-half the chest X-ray. In all patients, the infusion should not be restarted until complete resolution of all symptoms, and normalisation of laboratory study (4 % R-FC, 3 % FC), and in the relapsed/refractory study (4 % R-FC, 3 % FC), and in the relapsed/refractory study (4 % R-FC, 3 % FC), and in the relapsed/refractory study (4 % R-FC, 3 % FC), and in the relapsed/refractory study (4 % R-FC, 3 % FC), and in the relapsed/refractory study (4 % R-FC, 3 % FC), and in the relapsed/refractory study (4 % R-FC, 3 % FC), and in the relapsed/refractory study (4 % R-FC, 3 % FC), and in the relapsed/refractory study (4 % R-FC, 3 % FC), and in the relapsed/refractory study (4 % R-FC, 3 % FC), and in the relapsed/refractory study (4 % R-FC, 3 % FC), and in the relapsed/refractory study (4 % R-FC, 3 % FC), and in the relapsed/refractory study (4 % R-FC, 3 % FC) and in the relapsed/refractory study (4 % R-FC, 3 % FC) and in the relapsed/refractory study (4 % R-FC, 3 % FC) an Very rare cases of progressive multifocal leukoencephalopathy (PML) have been reported during post-marketing use of rituximab in NHL and CLL (see SIDE EFFECTS). The majority of patients had received rituximab in combination with

Immunisations
The safety of immunisation with live viral vaccines, following rituximab therapy has not been studied for NHL and CLL patients and vaccination with live virus vaccines is not recommended. Patients treated with rituximab may receive non-live vaccinations. However with non-live vaccines response rates may be reduced. In a non-randomised study, patients with vaccinations. Nower with non-live vaccines response trates may be reduced. In a non-randomisse study, patients with relapsed low-grade NHL, who received rituximab monotherapy when compared to healthy untreated controls had a lower rate of response to vaccination with tetanus recall antigen (16 % vs. 81 %) and Keyhole Limpet Haemocyanin (KLH) neoantigen (4 % vs. 76 % when assessed for 2-fold increase in antibody titler). For Lipatients similar results are assumable considering similarities between both diseases but that has not been investigated in clinical trials!

Mean pre-therapeutic antibody titres against a panel of antigens (Streptococcus pneumoniae, influenza A, mumps, rubella, varicella) were maintained for at least 6 months after treatment with rituximab.

Severe skin reactions such as toxic epidermal necrolysis (Lyell's syndrome) and Stevens-Johnson syndrome, some with fatal outcome, have been reported (see SIDE EFFECTS). In case of such an event, with a suspected relationship to rituximab, treatment should be permanently discontinued.

Granulomatosis with polyangiitis and microscopic polyangiitis infusion related reactions

Infusion related reactions
Rituximab is associated with infusion related reactions (IRRs), which may be related to release of cytokines and/or other PHARMACOLOGICAL CLASSIFICATION
A 25 Cylostatic agents

PHARMACOL OGICAL CLASSIFICATION
A 25 Cylostatic agents

PHARMACOLOGICAL CTON
PHARMACOLOGICAL ACTON
Pharmacodynamic properties
Ribumab is a chimeric mousehuman monodonal antibody that binds specifically to the trans-membrane antigen CDZ
CDZ is found on both normal and malignant B cells, but not on hearestepositic sidence is under the control of the properties
CDZ does not circulate in the pissane as a five entigen and the equivalent interval of the required interval to the required interval to the required interval to the required interval to properties
CDZ does not circulate in the pissane as a five entigen and the properties on the safety of CDZ antigon or most losses. In this control of the properties of the required interval to the required interval to

In patients with granulomatosis with polyangilits or microscopic polyangilits, the number of peripheral blood B cells decreased to <10 cells/µl after two weekly infusions of rituximab 375 mg/m², and remained at that level in most patients up to the 6 month time point. The majority of patients (8 1%) showed signs of B cell return, with counts patients up to the 6 month time point. The majority of patients by month 18.

Pharmacokinetic properties
Non-Hodgkin's lymphoma
Based on a population pharmacokinetic analysis in 298 NHL patients who received single or multiple infusions for fluximab as a single agent or in combination with CHOP therapy (applied ntuximab oses ranged from 100 to 500 mg/m²), the typical population estimates of nonspecific clearance (CL1) ispectic clearance (CL2) likely contributed by 8 pells or tumor burden, and central compartment volume of distribution (1/1) were of lymphomatic patients with a patient of rituximab as a nigregated properties with a patient of the patients given 375 mg/m² as an intravenous infusion for 4 weekly doses. Age gerider and WhO performance status had no effect on the pharmacokinetics of intuition and the proporties of the pharmacokinetic variability.

**Occurred in patients with counts and success of the patients with a number of each population of intuximab and the knowledge that B cells play an important role in maintaining normal increased risk of infection following rituximab therapy (see Pharmacodynamic reported).

Solitor of the properties
Non-Hodgkin's lymphoma
Baseline CD14
**John College of the patients of nonspecific clearance (CL2) likely contributed by 8 pells or tumor burden, and central compartment volume of distribution (1/1) specific clearance (CL2) likely contributed by 8 pells or tumor burden and central compartment volume of distribution (1/1) specific clearance (CL2) likely contributed by 8 pells or tumor burden and entire and entire and patients of the patients given and patients of the patients of the patients of the patients

Rituximab, administered as an intravenous infusion at a dose of 375 mg/m² at weekly intervals for 4 doses to 203 patients with NHL naive to rituximab, yielded a mean C___following the fourth infusion of 486 µg/ml (range, 77.5 to 996,6 µg/ml). Rituximab was detectable in the serum of patients 3 – 6 months after completion of last treatment. Upon administration of rituximab at a dose of 375 mg/m² as an intravenous infusion at weekly intervals for 4 doses to 203 pg/ml. Rituximab was detectable in the serum of patients 3 – 6 months after completion of last treatment. Upon administration of rituximab at a dose of 375 mg/m² as an intravenous infusion at weekly intervals for 4 doses to 203 pg/ml. Rituximab was detectable in the serum of patients 3 – 6 months after completion of ast treatment. Upon administration of rituximab at a dose of 375 mg/m² as an intravenous infusion at weekly intervals for 4 doses to 203 pg/ml. Rituximab was detectable in the serum of patients 3 – 6 months after completion of asset treatment. Upon administration of rituximab at a dose of 375 mg/m² as an intravenous infusion at weekly intervals for 4 doses to 203 pg/ml. Rituximab was detectable in the serum of patients as an intravenous infusion at weekly intervals for 4 doses to 203 pg/ml. Rituximab was detectable in the serum of patients as an intravenous infusion of 486 µg/ml (range, 77.5 to 205 µg/ml). Rituximab was detectable in the serum of patients as an intravenous infusion at a dose of 375 mg/m² at weekly intervals for 4 doses to 203 pg/ml as treatment. Psychiatric disorders:

Hepatitis B infusion.

Hepatitis B infusions.

Psychiatric disorders:

Donatoria minimum diseases including Systemic Lupus Expthematiosus (SLE) and vasculitis.

Metabolism and nutrition disorders:

Donatoria minimum diseases including Systemic Lupus Expthemations (SLE) and vasculitis.

Metabolism and nutrition disorders:

Donatoria minimum diseases including Systemic Lupus Expthemations (SLE) and vasculitis.

Metabolism and nutrition disorders:

Donatoria minimum

Chromic symprocytec reunaemia Rituximab was administered as an intravenous infusion at a first-cycle dose of 375 mg/m² increased to 500 mg/m² each cycle for 5 doses in combination with fludarabine and cyclophosphamide in CLL patients. The mean C (N=15) was 408 µg/ml (range, 97 – 764 µg/ml) after the fifth 500 mg/m² infusion and the mean terminal half-life was 32 days upon signs or symptoms of infection (see SIDE EFFECTS).

Skin reactions
Severe skin reactions such as toxic epidermal necrolysis (Lyell's syndrome) and Stevens-Johnson syndrome, some with fatal outcome, have been reported (see SIDE EFFECTS). In case of such an event with a suspected relationship to rituximab, treatment should be permanently discontinued.

**Ear and labyrinth disorders: Common: Not known: have been reported (see SIDE EFFECTS). In case of such an event with a suspected relationship to Not known: have been reported (see SIDE EFFECTS). In case of such an event with a suspected relationship to the common: Not known: Not Medical practitioners should review the patient's vaccination status and follow current immunisation guidelines prior to

Granuloma tosis with polyangiitis and microscopic polyangiitis — — — INTERACTIONS — — Unrently, there are limited data on possible interactions with rituximab active granulomatosis with polyangiitis (Wegener's) (GPA) and microscopic polyangiitis (MPA). — CONTRAINDICATIONS

CONTRAINDICATIONS

Contraindications for use in non-Hodgkin's lymphoma and chronic lymphocytic leukaemia — Unrently, there are limited data on possible interactions with rituximab in cut patients, co-administration with rituximab did not appear to have an effect on the pharmacokinetics of fludarabine or cyclophosphamide on the pharmacokinetics of fludarabine and cyclophosphamide on the pha

Safety and efficacy during pregnancy and lactation have not been established

Safety and efficacy during pregnancy and received in control pregnancy:

IgG immunoglobulins are known to cross the placental barrier.

B cell levels in human neonates following maternal exposure to rituximab have not been studied in clinical trials. There are no adequate and well-controlled data from studies in pregnant women, however transient B-cell depletion and lymphocytopenia have been reported in some infants born to mothers exposed to rituximab during pregnancy. For these reasons rituximab should not be administered to pregnant women unless the possible benefit outweighs the potential risk.

Women of childbearing potential:

Due to the long retention time of rituximab in B cell depleted patients, women of childbearing potential should use effective contraceptive methods during and for 12 months following treatment with rituximab.

Women of childbearing potential:

Occurring the pregnancy:

Common:

Very cor.

DOSAGEAND DIRECTIONS FOR USE
BLITZIMA should be administered under the close supervision of an experienced medical practitioner, and in an environment where full resuscitation facilities are immediately available.

Follicular non-Hodgkin's sympnoma
Combination therapy
The recommended dose of BLITZIMA in combination with chemotherapy for induction treatment of previously untreated or relapsed/ refractory patients with follicular ymphoma is: 375 mg/m² body surface area per cycle, for up to 8 cycles.
BLITZIMA should be administered on day 1 of each chemotherapy cycle, after intravenous administration of the glucocorticoid component of the chemotherapy if applicable.

cytokine release syndrome. Reactions attributed to hypersensitivity have been reported less frequently than those attributed to cytokine release.

The recommended dosage of BLITZIMA in combination with chemotherapy for previously untreated and relapsed/refractory patients is 375 mg/m² body surface area administered on day 0 of the first treatment cycle followed by surface area administered on day 1 of each subsequent cycle for 6 cycles in total. The chemotherapy should be given after BLITZIMA infusion.

Granulomatosis with polyangiitis and microscopic polyangiitis
Patients treated with BLITZIMA must be given the patient alert card with each infusion.

Cardiac disorders

Angina pectoris, cardiac arrhythmias such as atrial flutter and fibrillation, heart failure and/or myocardial infarction have occurred in patients treated with rituximab. Therefore patients with a history of cardiac disease and/or cardiotoxic microscopic polyangilits is 375 mg/m² body surface area, administered as an intravenous infusion once weekly for 4 weeks Pneumocystis jiroveci pneumonia (PCP) prophylaxis is recommended for patients with granulomatosis with polyangiitis or microscopic polyangiitis during and following **BL**|**TZIMA** treatment, as appropriate.

All indications
Subsequent doses of **BLITZIMA** can be infused at an initial rate of 100 mg/h, and increased by 100 mg/h increments at

Special precautions for disposal and other handling
BLITZIMA is provided in sterile, preservative-free, non-pyrogenic, single use vials.

Aseptically withdraw the necessary amount of BLITZIMA, and dilute to a calculated concentration of 1 to 4 mg/ml rituximab into an infusion bag containing sterile, pyrogen-free sodium chioride 9 mg/ml (0,9 %) solution for injection or 5 % dextrose in water. For mixing the solution, gently invert the bag in order to avoid foaming. Care must be taken to ensure the sterility of prepared solutions. Since BLITZIMA does not contain any anti-microbial preservative or bacteriostatic agents, asseptic technique must be observed. Parenteral medicines should be inspected visually for particulate matter and discolouration prior to administration.

Compatibility:

No incompatibilities between rituximab and polyvinyl chloride or polyethylene bags or infusion sets have been observed.

Rituximab is compatible with 0,9 % sodium chloride and 5 % dextrose solutions.

SIDE EFFECTS
Summary of the safety profile (non-Hodgkin's lymphoma and chronic lymphocytic leukaemia)
The overall safety profile of rituximab in non-Hodgkin's lymphoma and CLL is based on date from patients from clinical trials and from post-marketing surveillance. These patients were treated either with rituximab monotherapy (as induction treatment or maintenance treatment following induction treatment) or In combination with chemotherapy.
The most frequently observed adverse drug reactions (ADRs) in patients receiving rituximab were IRRs whitorocurred in the majority of patients during the first infusion. The incidence of infusion related symptoms decreases substantially with subsequent infusions and is less than 1 % after eight doses of rituximab.
Infectious events (predominantly bacterial and viral) occurred in approximately 30 – 55 % of patients during clinical trials in patients with NHL and in 30 – 50 % of patients during clinical trials in patients with CLL.
The most frequent reported or observed serious adverse drug reactions were:

IRRs (including cytokine-release syndrome, tumour-lysis syndrome)
Infections
Cardiovascular events
Other serious ADRs reported include hepatitis B reactivation and progressive multifocal leukoencephajopathy (PML). See

r Cardiac disorders
Angina pectoris, cardiac arrhythmias such as atrial flutter and fibrillation, heart failure and/or myocardial Infarction have commed in patients treated with rituximab. Therefore patients with a history of cardiac disease should be monitored closely.

Infections and infestations:
Very common: bacterial infection, viral infections, 'bronchitis
Common: sepsis, 'pre-incumia, 'febrille Infection, 'herpes zoster, 'respiratory tract Infections, Infections of unknown aetiology,' acute bronchitis, 'sinusitis, hepatitis B'
Very rare:
Very rare:
Very common: bacterial infection, viral infection, 'herpes zoster, 'respiratory tract Infections, Infections of unknown aetiology,' acute bronchitis, 'sinusitis, hepatitis B'
Very rare:

Nervous system disorders:

Common: paraesthesia, hypoaesthesia, agitation, ins
Uncommon: yespeusia

Very rare:
Not known: cranial neuropathy, facial nerve palsy⁶
cranial neuropathy, loss of other senses⁵ paraesthesia, hypoaesthesia, agitation, insomnia, vasodilatation, dizziness, anxiety

Cardiac disorders:

*Topocardial infarction** ande, arrhythmia, *atrial fibrillation, tachycardia, *cardiac disorder

*Uncommon:

*Infarction** ande, arrhythmia, *atrial fibrillation, tachycardia, *cardiac disorder

*Infarction** arrhythmia, *atrial fibrillation, tachycardia, *atrial fibril Vascular disorders: Common: hyperte

hypertension, orthostatic hypotension, hypotension vasculitis (predominately cutaneous), leukocytoclastic vasculitis bronchospasm*, respiratory disease, chest pain, dyspnoea, increased cough, rhinitis asthma, bronchiolitis obliterans, lung disorder, hypoxia interstitial lung disease? | respiratory failure* | lung infiltration Respiratory, thoracic and mediastinal disorders:
Common: bronchospasm4, respiratory disease, or

Gastrointestinal disorders: vorniting, diarrhoea, abdominal pain, dysphagia, slomatitis, constipation, dyspepsia, anorexia, throat irritation abdominal enlargement Skin and subcutaneous tissue disorders urticaria, sweating, night sweats, 'skin disorder severe bullous skin reactions, Stevens-Johnson Syndrome, toxic epidermal necrolysis (Lyell's Syndrome)'

keletal, connective tissue and bone disorders: hypertonla, myalgla, arthralgla, back pain, neck pain, pain Renal and urinary disorders: Very rare: renal failure4

General disorders and administration site conditions:

Very common: fever, chills, asthenla, headache

Common: tumour pain, flushing, malaise, cold syndrome, "fatigue, *shivering, *multi organ failure4|

Uncommon: infusion site pain

Investigations: Very common: decreased IgG levels

For each term, the frequency count was based on reactions of all grades (from mild to severe), except for terms marked with "+" where the frequency count was based only on severe (≥ grade 3 NCI common toxicity criteria) reactions. Only the highest frequency observed in the trials is reported

includes reactivation and primary infections; frequency based on R-FC regimen in relapsed/refractory CLL
see also section infection below

see also section haematologic adverse reactions below see also section infusion-related reactions below. Rarely fatal cases reported signs and symptoms of cranial neuropathy. Occurred at various times up to several months after completion of rituximab therapy. rapy served mainly in patients with prior cardiac condition and/or cardiotoxic chemotherapy and were mostly associated

The following terms have been reported as adverse events during clinical trials, however, were reported at a similar or lower incidence in the rituximab-arms compared to control arms: haematotoxicity, neutropenic infection, unnary tract infection,

Description of selected adverse reactions

Signs and symptoms suggestive of an infusion-related reaction were reported in more than 50 % of patients in clinical trials, and were predominantly seen during the first infusion, usually in the first one to two hours.

These symptoms mainly comprised lever, chills and rigors. Other symptoms included flushing, angioedema, bronchospasm, vomiting, nausea, urticariar/ash, fatigue, headache, throat irritation, rhinitis, pruritus, pain, tachtycardia, hypertension, hypotension, dyspnoea, dyspepsia, asthenia and features of tumour lysis syndrome. Severe intoin-related reactions (such as bronchospasm, hypotension) occurred in up to 12 % of the cases.

Additional reactions reported in some cases were myocardial infarction, atrial fibrillation, pulmonary oedema and acute reversible thrombocytopenia. Exacerbations of pre-existing cardiac conditions such as angina pectors or congestive heart failure or severe cardiac disorders (heart failure, myocardial infarction, atrial fibrillation), pulmonary oedema, multi-organ failure, tumour lysis syndrome, cytokine release syndrome, renal failure, and respiratory failure were reported at lower or unknown frequencies. The incidence of infusion-related symptoms decreased substantially with subsequent infusions and is < 1 % of patients by the eighth cycle of treatment.

Infections
Rituximab Induces B-cell depletion in about 70-80 % of patients, but was associated with decreased serum immunoglobulins Rituximab induces B-cell depletion in about 70-80 % of patients, but was associated with decreased serum immunoglobulins only in a minority of patients.

Localised candida infections as well as Herpes zoster were reported at a higher incidence in the rituximab-containing arm of randomised studies. Severe infections were reported in about 4 % of patients treated with rituximab monotherapy. Higher frequencies of infections overall, including grade 3 or 4 infections, were observed during rituximab maintenance treatment up to 2 years when compared to observation. There was no cumulative toxicity in terms of infections reported over a 2 year treatment period. In addition, other serious viral infections either new, reactivated or exacerbated, some of which were fatal, have been reported with rituximab treatment. The majority of patients had received rituximab in combination with chemotherapy or as part of a haematopoetic stem cell transplant. Examples of these serious viral infections are infections caused by the herpes viruses (Cytomegalovirus, Varicella Zoster Virus and Herpes Simplex Virus), JC virus, JC virus, JC virus, JC virus, JC virus, Corgressive multiflocal leukoencephalopathy (PML)) and hepatitis C virus. Cases of fatal PML that occurred after disease progression and retreatment have also been reported in clinical trials. Cases of hepatitis B reactivation, have been reported, the majority of which were in patients receiving rituximab in combination with cytotoxic chemotherapy. In patients with released/refractory of which were in patients receiving rituximab in combination with cytotoxic chemotherapy. In patients with released refractory of the patients with pre-existing Kaposi's sarcoma has been observed in rituximab-exposed patients with pre-existing Kaposi's sarcoma. These cases occurred in non-approved indications and the majority of patients were HIV positive.

Haematologic adverse reactions
In clinical trials with rituximab monotherapy
patients and were usually mild and reversible.
Incurrence of the patients. D
2 %, grade 3/4) and neutropenia (1/1% vs.
During the treatment course in studies with rituximab in combination with chemotherapy, grade 3/4 leucopenia (R-CHOP)
8 % vs. CHOP 79 %, R-FC 23 % vs. FC 12%), neutropenia (R-CVP 24 % vs. CVP 14 %; R-CHOP 97 % vs. CHOP 88 %,
R-FC 30 % vs. FC 19 % in previously untreated CLL), pancytopenia (R-FC 3 % vs. FC 1 % in previously untreated CLL) were susually reported with higher frequencies when compared to chemotherapy alone. However, the higher incidence of neutropenia in patients treated with rituximab and chemotherapy alone. However, the higher incidence of neutropenia in patients treated with rituximab and chemotherapy alone. Studies in previously untreated and relapsed/refractory CLL have established that in up to 25 % of patients treated with R-FC neutropenia was prolonged (defined as neutrophil count remaining below 1x10⁹) between day 24 and 42 after the last dose) or occurred with a late onset (defined as neutrophil count remaining below 1x10⁹) letter than 42 days after last dose in patients with no previous prolonged in the reaction of rituximab were reported. In the CLL first-line study, Binet stage C patients experienced more adverse events in the R-FC arm compared to the FC arm (R-FC 83 % vs. FC 71 %). In the relapsed/refractory CLL study grade 3/4 thrombocytopenia was reported in 11 % of patients in the R-FC group.

In studies of rituximab in patients with Waldenstrom's macroglobulinaemia, transient increases in serum IgM levels have been observed following treatment initiation, which may be associated with hyperviscosity and related symptoms. The transient IgM Increase usually returned to at least baseline level within 4 months. 4 weeks, haematological abnormalities occurred in a minority of

Although ritusimab is not myelosuppressive in monotherapy, caution should be exercised when considering treatment of patients with neutrophils < 1,5 x 10⁹/l and/or platelet counts < 75 x 10⁹/l as clinical experience in this population is limited. Ritusimab has been used in 21 patients who underwent autologous bone marrow transplantation and other risk groups with a presumable reduced bone marrow function without inducing myelotoxicity.

Regular full blood counts, including neutrophil and platelet counts, should performed during rituximab therapy.

Infections
Serious infections, including fatalities, can occul during therapy with rituximab (see SIDE EFFECTS). Ritumab should not be administered as an IV infection (see CONTRAINDICATIONS) or severely immunocompromised patients (e.g. where levels of CD4 or CD8 are very low).

Medical practitioners should exercise caution when considering treatment, as appropriate.

Phenomocystis jiroveci pneumonia (PCP) prophylaxis is recommended for patients with granulomatosis with polyangilits or increase usuany returned to at least subsenie level with mituximab made following BLITZIMA treatment, as appropriate.

Special populations

Elderly
No dose adjustment is required in elderly patients (aged >65 years).

Paedalaric population

The sefley and efficacy of BLITZIMA in children below 18 years has not been established. No data are available. Infections (see CONTRAINDICATIONS) or severely immunocompromised patients (e.g. where levels of CD4 or CD8 are very low).

Method of administration

The prepared BLITZIMA solution should be administered as an IV infusion through a dedicated line. It should not be administered as an IV infusion through a dedicated line. It should not be administration with chemotherapy, the report of a fitual with rituximab should avoid exposure of patients with a history of recurring or chronic infections or with underlying conditions which may further predispose patients to serious infection, see CNTRAINDIC ATIONS). Patients who develop evidence of seve

Neurologic disorders

During the treatment period (induction treatment phase comprising of R-CHOP for at most eight cycles), four patients (2 %) treated with R-CHOP, all with cardiovascular risk factors, experienced thromboembolic cerebrovascular accidents during the first treatment cycle. There was no difference between the treatment groups in the incidence of other thromboembolic events. In contrast, three patients (1,5 %) had cerebrovascular events in the CHOP group, all of which occurred during the follow-up period. In CLL, the overall incidence of grade 3 or 4 nervous system disorders was low both in the first-line study (4 % R-FC, 4 % FC) and in the relapsed/refractory study (3 % R-FC, 3 % FC). Cases of posterior reversible encephalopathy syndrome (RPLS) have been reported. Signs and symptoms included visual disturbance, headache, seizures and altered mental status, with or without associated hypertension. A diagnosis of PRES/RPLS requires confirmation by brain imaging. The reported cases had recognised risk factors for PRES/RPLS, including the patients' underlying disease, hypertension, immunosuppressive therapy and/or chemotherapy.

Gastrointestinal perforation in some cases leading todeath has been observed in patients receiving rituximab for treatment of non-Hodokin's lymphoma. In the majority of these cases, rituximab was administered with chemotherapy.

IgG levels
In the clinical trial evaluating rituximab maintenance treatment in relapsed/refractory follicular lymphoma, median IgG levels were below the lower limit of normal (LLN) (< 7 g/l) after induction treatment in both the observation and the rituximab groups. In the observation group, the median IgG level subsequently increased to above the LLN, but remained constant in the rituximab group. The proportion of patients with IgG levels below the LLN was about 60 % in the rituximab group throughout the 2 year treatment period, while it decreased in the observation group (36 % after 2 years). A small number of spontaneous and literature cases of hypogammaglobulinaemia have been observed in paediatric patients treated with rituximab, in some cases severe and requiring long-term immunoglobulin substitution therapy. The

Skin and subcutaneous tissue disorders
Toxic Epidermal Necrolysis (Lyell Syndrome) and Stevens Johnson Syndrome, some with fatal outcome, have been eported very rarely. Patient subpopulations - rituximab monotherapy Elderly patients (≥ 65 years):

The incidence of ADRs of all grades and grade 3 /4 ADR was similar in elderly patients compared to younger patients (<

Bulky disease
There was a higher incidence of grade 3/4 ADRs in patients with bulky disease than in patients without bulky disease
(25,6 % vs. 15,4 %). The incidence of ADRs of any grade was similar in these two groups.

The percentage of patients reporting ADRs upon re-treatment with further courses of rituximab was similar to the percentage of patients reporting ADRs upon initial exposure (any grade and grade 3/4 ADRs).

Elderly patients (≥ 65 years)

The incidence of grade 3/4 blood and lymphatic adverse events was higher in elderly patients compared to younger

Patient subpopulations - rituxima b combination therapy

Summary of the safety profile (granulomatosis with polyanglitis and microscopic polyanglitis) In the clinical trial in granulomatosis with polyanglitis and microscopic polyanglitis, 99 patients were treated with rituximab (375 mg/m², once weekly for 4 weeks) and glucocorticoids (see Pharmacodynamic properties).

The ADRs listed In Table 1 were all adverse events which occurred at an Incidence of ≥ 5 % in the rituximab group. Table 1: ADRs occurring at 6-months in ≥ 5 % of patients receiving rituximab, and at a higher frequency than the comparator group, in the pivotaliclinical study

Body system Adverse reaction Infections and infestations Urinary tract infection Bronchitis Herpes zoste Immune system disorders etabolism and nutrition disorde 5% Psychiatric disorders Nervous system disorders 10 % Tremor Vascular disorders 12 % 5 % Flushing 12 % Cough 11 % Epistaxis 6 % Gastrointestinal disorders Dyspepsia Skin and subcutaneous tissue disorder Muscle spasms Musculoskeletal pai General disorders and administration sita condition 16 % Peripheral oedema 6 %

Description of selected adverse drug reactions considered to be infusion-related by investigators in the safety population. Ninety-nine patients were treated with rituximat and 12 % experienced at least one IRR. All IRRs were CTC Grade 1 or 2. The most common IRRs included cytokine release syndrome, flushing, throat irritation, and tremor. Rituximat was given in combination with intravenous glucocorticoids which may reduce the incidence and severity of these events.

Infections
In the 99 rituximab patients, the overall rate of infection was approximately 237 per 100 patientyears (95 % CI 197-285) at the 6-month primary endpoint. Infections were predominately mild to moderate and consisted mostly of upper respiratory tract infections, herpes zoster and urinary tract infections.
The rate of serious infections was approximately 25 per 100 patient years. The most frequently reported serious infection in the rituximab group was pneumonla at a frequency of 4 %.

Malignancies

The Incidence of malignancy in ituximab treated patients in the granulomatosis with polyangitis and microscopic polyangitis clinical study was 2,00 per 100 patient years at the study common closing date (when the final patient had completed the follow-up period).

On the basis of standardised incidence ratios, the incidence of malignancies appears to be similar to that previously

increase. Just a diverse reactions in a case of approximately 273 per 100 patient years (95 % CI 349-470) at the 6 month primary oint. The rate of serious cardiac events was 2,1 per 100 patient years (95 % CI 3-15). The most frequently reported is were tachycardia (4 %) and atrial fibrillation (3 %) (see WARNINGS AND SPECIAL PRECAUTIONS).

Neurologic events

Cases of posterior reversible encephalopathy syndrome (PRES) reversible posterior leukoencephalopathy syndrome (RPLS) have been reported in autoimmune conditions. Signs and symploms included visual disturbance, headache seizures and altered mental status, with or without associated hypertension. A diagnosis of PRES/RPLS require confirmation by brain Imaging. The reported cases had recognised risk factors for PRES/RPLS, Including the patients underlying disease, hypertension, immunosuppressive therapy and/or chemotherapy. Hepatitis B reactivation
A small number of cases of hepatitis B reactivation, some with fatal outcome, have been reported in granulomatosis with polyangiitis and microscopic polyangiitis patients receiving rituximab in the post-marketing setting.

Hypogammaglobulinaemia
Hypogammaglobulinaemia
Hypogammaglobulinaemia (IgA, IgG or IgM below the lower limit of normal) has been observed in granulomatosis with polyangilitis and microscopic polyangilitis patients treated with rituximab. At 6 months, in the active-controlled, randomised, double-blind, multicentre, non-inferiority trial, in the rituximab group, 27 %, 58 % and 51 % of patients with normal immunoglobulin levels at baseline, had low IgA, IgG and IgM levels, respectively compared to 25 %, 50 % and 46 % in the cyclophosphamide group. There was no increased rate in overall infections or serious infections in patients with low IgA,

Neutropenta
In the active controlled, randomised, double-blind, multicentre, non-inferiority trial of rituximab in granulomatosis with polyangilitis and microscopic polyangilitis, 24 % of patients in the rituximab group (single course) and 23 % of patients in the cyclophosphamide group developed CTC grade 3 or greater neutropenia. Neutropenia was not associated with an observed increase in serious infection in rituximab treated patients. The effect of multiple rituximab courses on the development of neutropenia in granulomatosis with polyangilitis and microscopic polyangilitis patients has not been studied in clinical trials.

Skin and subcutaneous tissue disorders
Toxic epidermal necrolysis (Lyell's Syndrome) and Stevens Johnson Syndrome, some with fatal outcome, have been

KNOWN SYMPTOMS OF OVERDOSAGE AND PARTICULARS OF ITS TREATMENT KNOWN SYMPTOMS OF OVERDOSAGE AND PARTICULARS OF ITS TREATMENT
Limited experience with doses higher than the approved dose of intravenous rituximab formulation is available from clinica
trials in humans. The highest intravenous dose of rituximab tested in humans to date is 5 000 mg (2 250 mg/m²), tested in
a dose escalation study in patients with CLL. No additional safety signals were identified.
Patients who experience overdose should have immediate interruption of their influsion and be closely monitored.
In the post marketing setting five cases of rituximab overdose have been reported. Three cases had no reported adverse
event. The two adverse events that were reported were flu-like symptoms, with a dose of 1,8 g of rituximab and fatal
respiratory failure, with a dose of 2 g of rituximab.

BLITZIMA 100 mg: Clear, colourless, type I glass vial with a chlorobutyl rubber stopper and an aluminium seal with a yellow filp-off cap. Pack of 2 vials...

BLITZIMA 500 mg: Clear, colourless, type I glass vial with a chlorobutyl rubber stopper and an aluminium seal with a dark grey filp-off cap. Pack of 1 vial.

STORAGE INSTRUCTIONS
Store at 2 °C to 8 °C.
Keep the container in the outer carton in order to protect from light.
Diluted product

Diluted product
The prepared infusion solution of rituximab is physically and chemically stable for 24 hours at 2 °C to 8 °C and subsequently 12 hours at room temperature (not more than 30 °C).
From a microbiological point of view, the prepared infusion solution should be used immediately. If not used immediately, in-use storage times and conditions prior to use are the responsibility of the user and would normally not be longer than 24 hours at 2 °C to 8 °C. Unless dilution has taken place in controlled and validated aseptic conditions.

KEEP OUT OF REACH OF CHILDREN.

REGISTRATION NUMBERS

IDENTIFICATION

NAME AND BUSINESS ADDRESS OF THE HOLDER OF THE CERTIFICATE OF REGISTRATION

adcock ingram **3** DATE OF PUBLICATION OF THE PACKAGE INSERT OO HEALTHCARE

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