 Package leaflet: Information for the user	 If you have had tuberculosis, tell your doctor. Your doctor will check for signs and symptoms of tuberculosis 	Tyenne will be given to you as a drip into a vein, by a doctor or a nurse. They will dilute the solution, set up the	 fluid reter increase
Tyenne 20 mg/mL concentrate for solution for infusion tocilizumab	before starting Tyenne. If symptoms of tuberculosis (persistent cough, weight loss, listlessness, mild fever), or any other infection appear during or after therapy tell your doctor immediately.	intravenous infusion and monitor you during and after the treatment. Adult patients with RA	 cough, sho low white (neutroper abnormal
	 If you have had intestinal ulcers or diverticulitis, tell your doctor. Symptoms would include abdominal pain 	The usual dose of Tyenne is 8 mg per kg of body weight. Depending on your response, your doctor may decrease	 increased low fibring
This medicine is subject to additional monitoring. This will allow quick identification of new safety information. You can help by reporting any side effects you may get. See the end of section 4 for how to report side effects.	 and unexplained changes in bowel habits with a fever. If you have liver disease, tell your doctor. Before you 	your dose to 4 mg/kg then increase back to 8 mg/kg when appropriate. Adults will be given Tyenne once every 4 weeks through a	blood clott Uncommon s These may aft
 Read all of this leaflet carefully before you are given this medicine because it contains important information for you.	 use Tyenne, your doctor may do a blood test to measure your liver function. If any patient has recently been vaccinated (either 	drip in the vein (intravenous infusion) over one hour. <u>Children with sJIA (aged 2 and over)</u> The usual dose of Tyenne depends on your weight.	 diverticulit stomach p red swoller high blood
 Keep this leaflet. You may need to read it again. If you have any further questions, ask your doctor or 	adult or child), or is planning a vaccination, tell your doctor. All patients, especially children, should be up- to-date with all their vaccinations before they start	 If you weigh less than 30 kg: the dose is 12 mg for every kilogram of body weight If you weigh 30 kg or more: the dose is 8 mg for every 	 stomach u kidney sto underactiv
 nurse. If you get any side effects, talk to your doctor or nurse. This includes any possible side effects not listed in this leaflet. See section 4. 	treatment with Tyenne, unless urgent treatment initiation is required Certain types of vaccines should not be used while receiving Tyenne	kilogram of body weight The dose is calculated based on your body weight at each - administration.	Rare side effe - These may affective • Stevens-Jo
In addition to this leaflet, you will be given a Patient Alert Card, which contains important safety information that	 If you have cancer, tell your doctor. Your doctor will have to decide if you can still be given Tyenne. If you have risk factors for heart disease such as 	Children with sJIA will be given Tyenne once every 2 weeks through a drip in the vein (intravenous infusion) over one hour.	to severe t • fatal allerg • inflammat
 you need to be aware of before and during treatment with Tyenne. What is in this leaflet	receiving Tyenne.	Children with pJIA (aged 2 and over) The usual dose of Tyenne depends on your weight. • If you weigh less than 30 kg: the dose is 10 mg for every	Very rare sid These may aft • low counts
 What Tyenne is and what it is used for What you need to know before you are given Tyenne How Tyenne is given Possible side effects 	 If you have moderate to severe kidney function problems, your doctor will monitor you. 	 kilogram of body weight If you weigh 30 kg or more: the dose is 8 mg for every kilogram of body weight The dose is calculated based on your body weight at each 	platelets ir • liver failur Children with
 For the store Tyenne Contents of the pack and other information 	 If you have persistent headaches. Your doctor will perform blood tests before you are given. 	administration. — Children with pJIA will be given Tyenne once every 4 weeks	In general, signature type to those seen more o
1. What Tyenne is and what it is used for	Tyenne, and during your treatment, to determine if you have a low white blood cell count, low platelet count or high liver enzymes.	through a drip in the vein (intravenous infusion) over one hour. Patients with CRS	lower white b Children with In general, sig
 Tyenne contains the active substance tocilizumab, which is a protein made from specific immune cells (monoclonal antibody), that blocks the action of a specific protein (cytokine) called interleukin-6. This protein is involved	Children and adolescents Tyenne is not recommended for use in children under 2	The usual dose of Tyenne is 8 mg for every kg of body weight if you weigh 30 kg or more. The dose is 12 mg for every kg of body weight if you weigh	type to those seen more o feeling sick (n
in inflammatory processes of the body, and blocking it can reduce the inflammation in your body. Tyenne helps to reduce symptoms such as pain and swelling in your	years of age. If a child has a history of macrophage activation syndrome, (activation and uncontrolled proliferation of	less than 30 kg. Tyenne can be given alone or in combination with corticosteroids.	Reporting of If you get any or nurse. This
joints and can also improve your performance of daily tasks. Tyenne has been shown to slow the damage to the cartilage and bone of the joints caused by the disease and to improve your ability to do normal daily activities.	specific blood cells), tell your doctor. Your doctor will have to decide if they can still be given Tyenne. Other medicines and Tyenne	Patients with COVID-19 The usual dose of Tyenne is 8 mg for every kg of body weight. A second dose may be required.	in this leaflet (see details b provide more
 Tyenne is used to treat adults with moderate to severe active rheumatoid arthritis (RA), an autoimmune disease, if previous therapies did not work 	Tell your doctor if you are taking any other medicines (or your child is, if they are the patient), or have recently taken any. This includes medicines obtained without a	If you are given more Tyenne than you should Since Tyenne is given by a doctor or nurse, it is unlikely that you will be given too much.	Ireland HPRA Pharma Website: www
 well enough. Tyenne is usually given in combination with methotrexate. However, Tyenne can be given alone if your doctor determines that methotrexate is inappropriate.	prescription. Tyenne can affect the way some medicines work, and the dose of these may require adjustment. If you are using medicines containing any of the following active substances, tell your doctor:	However, if you are worried, talk to your doctor. If you miss a dose of Tyenne Since Tyenne is given by a doctor or nurse, it is unlikely — that you will miss a dose. However, if you are worried, talk	UK Yellow Card S or search for Apple App Sto
 Tyenne can also be used to treat adults who have not had previous methotrexate treatment if they have severe, active and progressive rheumatoid arthritis. 	 methylprednisolone, dexamethasone, used to reduce inflammation simvastatin or atorvastatin, used to reduce cholesterol 	to your doctor or nurse. If you stop receiving Tyenne	5. How to s
• Tyenne is used to treat children with sJIA. Tyenne is used for children aged 2 years and over who have	 levels calcium channel blockers (such as amlodipine), used to treat high blood pressure theophylline, used to treat asthma 	You should not stop receiving Tyenne without discussing with your doctor first. If you have any further questions on the use of this	Keep Tyenne Do not use t stated on the
 — active systemic juvenile idiopathic arthritis (sJIA), an inflammatory disease that causes pain and swelling in one or more joints as well as fever and rash. Tyenne is used to improve the symptoms of sJIA and can be given	 warfarin or phenprocoumon, used as a blood thinning agents phenytoin, used to treat convulsions 	medicine, ask your doctor or nurse.	Store in a refr Keep the vial light.
 in combination with methotrexate or alone. Tyenne is used to treat children with pJIA. Tyenne 	 ciclosporin, used to suppress your immune system during organ transplants benzodiazepines (such as temazepam), used to relieve anxiety. 	4. Possible side effects Like all medicines, Tyenne can cause side effects, although not everybody gets them. Side effects could occur at least	6. Content
 is used for children aged 2 years and over with active polyarticular juvenile idiopathic arthritis (pJIA), an inflammatory disease that causes pain and swelling in one or more joints. Tyenne is used to improve the	Regarding vaccinations, please see the section on warnings above.	 up to 3 months after your last dose of Tyenne. Possible serious side effects: tell a doctor straight away. 	What Tyenne • The active Each 4 mL
symptoms of pJIA and can be given in combination with methotrexate or alone.	Due to lack of clinical experience, Tyenne is not recommended for use with other biological medicines for the treatment of RA, sJIA or pJIA.	These are common: they may affect up to 1 in 10 people Allergic reactions during or after infusion:	Each 10 (20 mg/ml Each 20
 Tyenne is used to treat adults and children aged 2 years and over with severe or life-threatening cytokine release syndrome (CRS), a side-effect in patients treated with chimeric antigen receptor (CAR) T-cell 	Pregnancy and breast-feeding Tyenne is not to be used in pregnancy unless clearly	 difficulty with breathing, chest tightness or light- headedness rash, itching, hives, swelling of the lips, tongue or face lf you notice any of these, tell your doctor immediately. 	 (20 mg/ml The other acid, sodi
 therapies used to treat certain types of cancer. Tyenne is used to treat adults with coronavirus 	necessary. Talk to your doctor if you are pregnant, may be pregnant, or intend to become pregnant. Women of childbearing potential must use effective	Signs of serious infections fever and chills 	acid (E507 injections.
 disease 2019 (COVID-19), receiving systemic corticosteroids and requiring supplemental oxygen or ——mechanical ventilation.	contraception during and up to 3 months after treatment. Stop breast-feeding if you are to be given Tyenne, and talk	 mouth or skin blisters stomach ache 	Regarding so sodium'' abov
2. What you need to know before you are given Tyenne	to your doctor. Leave a gap of at least 3 months after your last treatment before you start breast-feeding. It is not known whether Tyenne passes into breast milk.	 Signs and symptoms of liver toxicity These may affect up to 1 in 1000 people tiredness, abdominal pain, jaundice (yellow discolouration of skin or eyes) 	What Tyenne Tyenne is a concentrate is Tyenne is sup
 Tyenne must not be given 	The data available so far does not suggest any effect on fertility from this treatment.	If you notice any of these, tell your doctor as soon as possible.	20 mL conce contains 1 vial Not all pack s
 ingredients of this medicine (listed in section 6). if you have an active, severe infection. If any of these applies to you, tell the doctor or nurse giving you the infusion. 	Driving and using machines This medicine can cause dizziness. If you feel dizzy, do not drive or use machines.	 Very common side effects: These may affect more than 1 in 10 people upper respiratory tract infections with typical symptoms 	Marketing Au For EU: Fresenius Kab Else-Kroener-
 Warnings and precautions Talk to your doctor or nurse before you are given Tyenne.	Tyenne contains sodium This medicine contains 34.8 mg sodium per maximum dose of 1200 mg. Take this into account if you are on a low-sodium diet. However, doses below 800 mg of this	such as cough, blocked nose, runny nose, sore throat and headache high blood fat (cholesterol) levels.	61352 Bad Ho Germany
 If you experience allergic reactions such as chest tightness, wheezing, severe dizziness or light- headedness, swelling of the lips or skin rash during or after the infusion, then tell your doctor immediately. 	medicine contain less than 23 mg sodium, so they are essentially sodium free.	Common side effects: These may affect up to 1 in 10 people • lung infection (pneumonia) • shingles (herpes zoster)	For GB: Fresenius Kab Cestrian Cour Eastgate Way
 If you have any kind of infection, short- or long- term, or if you often get infections. Tell your doctor 	3. How Tyenne is given This medicine is subject to restricted medical prescription	 cold sores (oral herpes simplex), blisters skin infection (cellulitis) sometimes with fever and chills rash and itching, hives 	Runcorn, Che United Kingdo
immediately if you feel unwell. Tyenne can reduce your body's ability to respond to infections and may make an existing infection worse or increase the chance of getting a new infection.	by your doctor.	 allergic (hypersensitivity) reactions eyelinfection (conjunctivitis) headache, dizziness, high blood pressure mouth ulcers, stomach pain 	Manufacture Fresenius Kab Hafnerstrasse

etention (oedema) in the lower legs, weight		**
shortness of breath ite blood cell counts shown by blood tests penia, leucopenia) al liver function tests (increased transaminases)		اللافي Sterile concentrate to to the focult formatic formation for the concentrate formation for the formation formation formation for the formation for th
ed bilirubin shown by blood tests involved in lotting).		Tyenne' 20 mg/mL Sterile concentrate tocilizumab
n side effects: affect up to 1 in 100 people ulitis (fever, nausea, diarrhoea, constipation, h pain)		
llen areas in the mouth ood fat (triglycerides) h ulcer	This leaflet was	last revised July 2023.
stones ctive thyroid. effects:	European Medicir	tion on this medicine is available on the nes Agency website:
affect up to 1 in 1000 people -Johnson syndrome (skin rash, which may lead re blistering and peeling of the skin) ergic reactions (anaphylaxis [fatal])	-http://www.ema.e The following ir professionals on	formation is intended for healthcare
nation of the liver (hepatitis), jaundice side effects: affect up to 1 in 10000 people ints for white blood cells, red blood cells and s in blood tests lure	Parenteral med visually for part to administration colourless to pale	dilution prior to administration icinal products should be inspected ticulate matter or discolouration prior n. Only solutions which are clear and yellow and free of visible particles should a sterile needle and syringe to prepare
vith sJIA side effects in sJIA patients were of a similar ose in adults with RA. Some side effects were often: inflamed nose and throat, diarrhoea, – e blood cell counts and higher liver enzymes. vith pJIA side effects in pJIA patients were of a similar	Withdraw a vol chloride 9 mg/m for injection from volume of Tyenn dose, under ase Tyenne concentra	d CRS adult patients (≥ 30 kg) ume of sterile, non-pyrogenic sodium L (0.9%) or 4.5 mg/mL (0.45%) solution m a 100 mL infusion bag, equal to the e concentrate required for the patients ptic conditions. The required amount of ate (0.4 mL/kg) should be withdrawn from d in the 100 mL infusion bag. This should
ose in adults with RA. Some side effects were e often: inflamed nose and throat, headache, ((nausea) and lower white blood cell counts.	be a final volume invert the infusio	e of 100 mL. To mix the solution, gently n bag to avoid foaming.
of side effects any side effects, talk to your doctor, pharmacist	Use in the paedi	
This includes any possible side effects not listed flet. You can also report side effects directly s below). By reporting side effects you can help pre information on the safety of this medicine.	Withdraw a vol chloride 9 mg/m for injection from volume of Tyenn dose, under aser	CRS patients \geq 30 kg ume of sterile, non-pyrogenic sodium L (0.9%) or 4.5 mg/mL (0.45%) solution m a 100 mL infusion bag, equal to the <u>e concentrate required for the patients</u> ptic conditions. The required amount of ate (0.4 mL/kg) should be withdrawn from
rmacovigilance ww.hpra.ie	the vial and place be a final volume	d in the 100 mL infusion bag. This should e of 100 mL. To mix the solution, gently n bag to avoid foaming.
d Scheme Website: www.mhra.gov.uk/yellowcard for MHRA Yellow Card in the Google Play or	sJIA and CRS pa	
Store	chloride 9 mg/m for injection fro volume of Tyenn dose, under asep Tyenne concentra the vial and place	ume of sterile, non-pyrogenic sodium L (0.9%) or 4.5 mg/mL (0.45%) solution m a 50 mL infusion bag, equal to the e concentrate required for the patients otic conditions. The required amount of ate (0.6 mL/kg) should be withdrawn from ed in the 50 mL infusion bag. This should e of 50 mL. To mix the solution, gently
he carton refrigerator (2°C - 8°C). Do not freeze.		n bag to avoid foaming.
ial in the outer carton in order to protect from nts of the pack and other information	chloride 9 mg/m for injection fro volume of Tyenn	ume of sterile, non-pyrogenic sodium L (0.9%) or 4.5 mg/mL (0.45%) solution m a 50 mL infusion bag, equal to the e concentrate required for the patients
ine contains ive substance is tocilizumab. mL vial contains 80 mg tocilizumab (20 mg/mL). 0 mL vial contains 200 mg tocilizumab /mL).	Tyenne concentra the vial and place be a final volum	atic conditions. The required amount of ate (0.5 mL/kg) should be withdrawn from ad in the 50 mL infusion bag. This should e of 50 mL. To mix the solution, gently n bag to avoid foaming.
/mL). 20 mL vial contains 400 mg tocilizumab /mL).	Tyenne is for sing	
er ingredients are L-arginine, L-histidine, L-lactic odium chloride, polysorbate 80, hydrochloric 507) and/or sodium hydroxide (E524), water for ns.		uct or waste material should be disposed — with local requirements.
sodium, please see section 2 "Tyenne contains		
a concentrate for solution for infusion. The e is a clear and colourless to pale yellow liquid. supplied as vials containing 4 mL, 10 mL and ncentrate for solution for infusion. Each pack vial and multipacks contain 4 (4 packs of 1) vials. k sizes may be marketed.		
Authorisation Holder		
Kabi Deutschland GmbH er-Strasse 1 Homburg v.d.Hoehe		
Kabi Limited ourt /ay, Manor Park :heshire, WA7 1NT gdom		
Irer Kabi Austria GmbH sse 36 8055 Graz Austria		

	i 	
 i 	i 	
		FRESENIUS KABI