

SAGITTA Imatinib Mesilate

Saditta 100 mg hard cansules

Sagitta 400 mg hard capsules

Composition

Each 100 mg capsule contains: Active ingredients: 100 mg imatinib (as mesilate). Excipients: Capsule filling: Crospovidone (type A), Lactose monohydrate, Magnesium stearate. Capsule shell: Gelatin, Yellow iron oxide (E172), Titanium dioxide (E171), Red iron oxide (E172).

Each 400 mg capsule contains:

Each alou ng capsue contains: Active ingredients: 400 ng inatinb (as mesilate). Excipients: Capsule filing: Crospovidore (type A), Lactose monohydrate, Magnesium stearate. Capsule shell: Gelatin, Yellow (no noide (E172), Titanium dioxide (E171), Red iron oxide (E172).

Indications

Sagitta is indicated for the treatment of - Anult and paediatric patients with newly diagnosed Philadelphia chromosome (bcr-abl) positive (Ph+) chronic myeloid leukaemia COLL for whom bore marrow transplantation is not considered as the first line of treatment. Adult and paediatric patients with Ph+ CML in chronic phase after failure of interferon-alpha therapy, or in accelerated phase or

biasi crisis. Adult natients with newly diagnosed Philadelphia chromosome positive acute lymphoblastic leukaemia (Ph+ ALL) integrated with

chemotherapy. - Adult patients with relapsed or refractory Ph+ ALL as monotherapy. - Adult patients with mvelodvsolastic/mvelooroliferative diseases (MDS/MPD) associated with platelet-derived growth factor

Adult patients with myelodysplastic/myeloprosterative diseases (NuConnerU) associated with patients conner receptor (PDGFR) gene re-arrangements.
Adult patients with advanced hypereosinophilic syndrome (HES) and/or chronic eosinophilic leukaemia (CEL).
The effect of instituito on the outcome of bone marrow transplantation has not been determined.

Sagitta is indicated for

tumours (GIST). The adjuvant treatment of adult patients who are at significant risk of relapse following resection of Kit (CD117) positive GIST.

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The salphini beaments of alloc panets who are at agrinular inso to teaple during restance on An (Lo 11) powere sist.
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The dati and patients during the discretion of a surgery.

and progression-free publicity, the uncertainties of the progression of the progression-free publicity, the uncertainties of power takes in Physical Public Progression-free survival in adjuvent to the progression of the public Progression of the public

Dosage and Administration

ould be initiated by a physician experienced in the treatment of patients with haematological malignancies and

malignant sarcomas, as appropriate malignant sarcomas, as appropriate. The prescribed dose should be administered orally with a meal and a large glass of water to minimize the risk of gastrointestinal irritations. Doses of 400 mg or 600 mg should be administered once daily, whereas a daily dose of 800 mg should be administered

as 400 mg twice a day, in the morning and in the evening. For patients unable to swallow the capsules, their content may be dispersed in a glass of either still water or apple juice. Dosage in CMI

recommended dosage of Sagitta is 400 mg/day for adult patients in chronic phase CML, and 600 mg/day In adult patients: The recommended dosage of Sagitta is 400 mg/day for adult patients in chronic phase CML, and 600 mg/day for adult patients in accelerated phase or blast crisis.
Treatment duration: in clinical trials, treatment with inatinib was continued until disease progression. The effect of stopping

Teatment duration: In clinical traits, treatment with inatitio was continued until disease progression. The effect of stopping treatment after the achievement of a complete optopenetic response has no been investigated. - In chiefren: Dosing for chiefren should be on the basis of body surface area (mg/m²). The doses of 340 mg/m² day) is recommended for differen with chiefren place. All, and automod place CLM, inducto exceed the total dose of 080 mg). Treatment can be given as a once daily dose or alternatively the day dose may be split into two administrations -- one in the moming and There is no capacities with the treatment of chiefres below 2 years of age. In the absence of severe adverse dug reaction and severe non-takkenia-related neutropenia or thermotopopenia in the adverse dug reaction and severe non-takkenia-related neutropenia or thermotopopenia in the antalogical areponse sensition of the severe non-takkenia-related neutropenia or thermotopopenia in the absence of severe adverse dug reaction and severe non-takkenia-related neutropenia or thermotopopenia in the absence of severe adverse dug reaction and severe non-takkenia-related neutropenia or thermotopopenia in the absence of severe adverse dug reaction and severe non-takkenia-related neutropenia or thermotopopenia in adverse to compare the adverse dug reaction and severe non-takkenia-related neutropenia or thermotopopenia in the absence of severe adverse dug reaction and severe non-takkenia-related neutropenia or thermotopopenia in the adverse reactions and the severe provide the severe non-takkenia-related neutropenia or thermotopopenia in the adverse reactions adverse dug reaction adverse reactions and the dug reaction adverse the adverse dug adverse thermotopolia adverse reactions at higher dosages.

at higher dosages. Dosage in Ph+ ALL

Dosage in Ph+ALL The recommended doed of Sagita is 600 mg/day for aduit patients with Ph+ALL Haematological experts in the management of this disease should supervise the therapy throughout all phases of care. Treatment should(ic) on the basis of the existing data, ination has been shown to be effective and safe when administered at 600 mg/day in combination with chemotherapy in the induction phase, the consolidation and maintenance phases of chemotherapy for adult patients with newly diagnosed Ph+ALL. The duration of Sagita therapy can vary with the treatment programme selected, but generally longer exposures is inrating have yielded better results. For adult patients with neighber of reflactory Ph+ALL Sagita montherapy at Good graders way.

ssion occurs Dosage in MDS/MPD

Dosge in mDJm and dose of Sagitta is 400 mg/day for adult patients with MDS/MPD. The recommended dose of Sagitta is 400 mg/day for adult patients with MDS/MPD. Treatment duration: In the only clinical trial performed up to now, treatment with imatinb was continued until disease progression. At the time of analysis, the treatment duration was a median et 47 months (24 days - 60 months).

At the time of analysis, the treatment duration was a modern or an introma year ways "Second and the second and

Dosage in GIST

pended dose of Sagitta is 400 mo/day for adult patients with unresectable and/or metastatic malignant GIST

The recommended dose of **Sagitta** is 400 mg/day for adult patients with unresectable and/or metastatic maignant (IST). Limited data sixts on the effect of dose increases from 400 mg to 600 mg rol 800 mg in patients progressing at the lower dose. Treatment duration: In clinical trials in GIST patients, treatment with **Sagitta** was continued until disease progression. At the time of analysis, the treatment duration was a median of 7 months (7 days to 13 months). The effect of stoppin treatment after achieving

The recommended dose of Saciita is 400 mo/day for the adjuvant treatment of adult patients following resection of GIST. Optimal treatment duration is not vet es lished. Length of treatment in the clinical trial supporting this indication was 36 month

Dosage in DFSP P dose of Sacitta is 800 mg/day for adult patients with DFSP.

Dose adjustment for adverse reactions

Non-hematological dovers reactions If a severe non-hematological adverse reaction develops with Sagitta use, treatment must be withheid until the event has resolved. Thereafter, treatment can be resumed as appropriate depending on the initial severity of the sever. Sagitta should be withheid on the several data and the

Haematological adverse reactions Dose reduction or treatment interruption for severe neutropenia and thrombocytopenia are recommended as indicated in the table below. Dose adjustments for neutropenia and thrombocytopenia:
 neutropenia and thrombocytopenia:

 ANC < 1.0 x 10⁹/l and/c

 I. Stop Sagitta until ANC ≥ 1.5 x 10⁹/l and platelets ≥ 75 x 10⁹/l.

 platelets < 50 x 10⁹/l

 2. Resume treatment with Sagitta at previous dose (i.e. before sever
 HES/CEL (starting dose 100 mg) dverse reaction). adverse reaction). I. Stop **Sagitta** until ANC ≥ 1.5 x 10⁹/I and platelets ≥ 75 x 10⁹/I. Chronic phase CML, ANC < 1.0 x 10⁹/l and/or MDS/MPD and GIST platelets < 50 × 10⁹/l . Resume treatment with Sagitta at previous dose (i.e. before s starting dose 400 mg) HES/CEL (at dose 400 mg) adverse reaction). 3. In the event of recurrence of ANC < 1.0 x 10⁹/l and/or platelets < 50 x 10⁹/l eat step 1 and resume Sagitta at reduced dose of 300 mg. Stop Sagitta until ANC ≥ 1.5 × 10⁹/l and platelets ≥ 75 × 10⁹/l. Resume treatment with Sagitta at previous dose (i.e. before s Paediatric chronic phase ANC < 1.0 x 10⁹/l and/ CML (at dose 340 mg/m²) platelets < 50 x 10⁹/l In the event of recurrence of ANC < 1.0 $\times 10^{9}$ /l and/or platelets < 50 $\times 10^{9}$ /l at step 1 and resume Sagitta at reduced dose of 260 mg/m Paediatric accelerated ^aANC < 0.5 x 10⁹/l and/or 1. Check whether cytopenia is related to leukaemia (marrow aspi phase CML and blast crisis platelets < 10 x 10⁹/l or biopsy). or biopsy). 2. If cytopenia is unrelated to leukaemia, reduce dose of **Sagitta** to 260 mg/m². 3. If cytopenia persists for 2 weeks, reduce further to 2000 mg/m². 4. If cytopenia pensists for 4 weeks and is still unrelated to leukaemia, stop **Sagitta** until ANC $\geq 1 \times 10^{9/1}$ and platelets $\geq 20 \times 10^{9/1}$, then resume tarting dose 340 mg/m

Adult nationts with CML in AANC < 0.5 x 10⁹/l and/or 1. Chack whather cytonenia is related to laukaemia (marrow senirate blast crisis (starting dos telets < 10 x 10⁹/ b) or biopsy).
c) If cytopenia is unrelated to leukaemia, reduce dose of Sagitta to 400 mg 3. If cytopenia persists for 2 weeks, reduce further to 300 mg. 4. If cytopenia persists for 4 weeks and is still unrelated to leukaemia, sto Sagitta until ANC $\ge 1 \times 10^{9}$ /l and platelets $\ge 20 \times 10^{9}$ /l, then resum
 sagatta timi rev. < 1 × 10 /n timi parements ≥ 20 × 10 /n, timi concentration</th>

 ANC < 1.0 × 10⁰/l and/ot 1. Slop Sagitta unil ANC ≥ 1.5 × 10⁰/l and platelets ≥ 75 × 10⁰/l.

 Jateletis < 50 × 10⁰/l

 2. Resume trainmint with Sagitta at 600 mg.

 10¹/l and/ot 1. Slop Sagitta unil ANC ≥ 1.5 × 10⁰/l and platelets ≥ 75 × 10⁰/l.

 2. Resume trainmint with Sagitta at 600 mg.

 10¹/l moder 1. Slop Sagitta unil ANC ≥ 1.5 × 10⁰/l and/or platelets < 50 × 10¹/l.

 2. In the event of recurrence of ANC < 1.0 × 10⁰/l and/or platelets < 50 × 10¹/l.
 DESP (at dose 800 mg) ANC = absolute neutrophil count a occurring after at least 1 month of treatment

Special populations

Special popurations Paediatric use: There is no experience in children with CML below 2 years of age. There is limited experience in children with Ph+ ALL and very limited experience in children with MDS/MPD and DFSP. There is no experience in children or adolescents with GIST and HES/CEL. ency: Imatinib is mainly metabolized through the liver. Patients with mild, moderate or severe liver dysfunction Hepatic insuffic

should be given the minimum recommended dose of 400 mg daily. The dose can be reduced if not tolerated Liver dysfunction classification: Liver dysfunction Total bilirubio: = 1.5 LILN

	ASI: >ULN (can be normal or <uln bilirubin="" if="" is="" total="">ULN)</uln>	
Moderate	Total bilirubin: >1.5–3.0 ULN AST: any	
Severe	Total bilirubin: >3–10 ULN AST: any	
N = upper limit of normal for the institution		

AST = aspartate aminotransferase

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Contraindications ersensitivity to the active substance or to any of the excipients listed above

Warnings and Precautions

Warnings and Precautions Sagitta shuld be taken with foad nad large glass of water to minimize the risk of pastrointestinal disturbances. When Sagitta is do-administered with other medicinal products, there is a potential for drug interactions. Hypothyrolism: Clinical cases of hypothyrolism have been reported in hyrolectomy patients undergoing levothyrodine replacement during treatment with inatini. Thyroid-simularity hormone (TSH) levels should be closely monitored in such patients. Hypothyrolisms and lever any service should be closely monitored in such patients.

registerent during treatment with matchs. Thropod-simulating terminon (15th) levels should be doubly monitored in such patients. Hepatotoxit/price in patients with begist dysfunction (mild, moderate or server), peripheral block counts and liver enzymes should be carefully monitored. When imatinio is combard with high dose discontegray regimens, transient liver toxicity in the form of transaminase elevation and without be carefully monitored. When imatinio is combard with high dose discontegray regimens, transient liver toxicity in the form of transaminase elevation and should be carefully monitored. When imatinio is combard with high dose discontegray regimens, transient liver toxicity in the form of transaminase elevation and should be carefully monitored in circumstances where imatini is combined with chemotherapy regimens also known to be associated with hepatic dysfunction. Field retention: Occurrences of severe fluid retention (glaural effusion, ceelema, pubmorary ceelema, asches, superficial loodema) patients and thespatic dysfunction the single or symptomed CAL patients lating instaits. Therefore, it is highly incommoded bit care and thespatic measures should be underlation. In direct traits, there was an increased incidence of these events in edder patients and thespatic measures should be underlation. In direct traits, there was an increased incidence of these events in edder and carding ensities with a carlies and bases or symptomic constants with an excellance or main fallare without be excelled and stead, cardingen is blocklet writhicular dysfunction have been associated with HES cell degranulation upport thesis intervents and steads, cardingen is blocklet writhicular dysfunction these been associated with HES cells, carliading support measures and a steads, and in patients with ADSMP associated with the second steads, carling support these associated with the second councel with associated on the intervention of basets in destription and indiamis with MSMP associated with the seco

In patients with impaired event function, imatch plasma exposure seems to be higher than that in patients with more an event incolor, morbally use an elevated patient event of the second plasma exposure seems to be higher than that in patients with more plasma that the second plasma event of plasma event of plasma events (b) an imatchib-chiefung portein, in these plateints. Platents with read impairment should be given the minimum starting dose. Patients with severe enail impairment should be treated with caulor. The dose can be reflexed in to tolerated.

with caution. The dose can be reduced if not tolerated. Paediatric population: There have been case reports of growth retardation occurring in children and pre-adolescents receiving matrich. The long-term effects of probage freetment with installable on proven in equifaren are unknown. Therefore, dose monitoring of provide in the strength of the strength

Pregnancy There are limited data on the use of imatinib in pregnant women. Studies in animals have however shown reproductive toxicity and

There are inlined data on indicate on indication if pregnant working: Source and an indication of the potential risk for the focus is unknown. Sagitta should not be used during pregnancy unless learly mouse toxicity and during pregnancy, the patient must be informed of the potential risk to the focus. Women of childhearing potential must be advised to use effective contraception during treatment.

Women of childbearing potential must be advised to use effective contraception during treatment. Breast-feeding There is limited information omatinb distribution on human milk. Studies in two breast-feeding women revealed that both imatinb and is active metabolic can be distributed into human milk. The milk plasma ratio studied in a single patient was determined to be 0.5 for imatinb and 0.9 for the metabolite, suggesting greater distribution of the metabolite in to be milk. Considering the contrained to be advised and the metabolite and the matakonite and the milk plasma ratio studied in a single patient was expected to be low (~10% of a threspecial dose). However, since the effects of low-dose exposure of the infant to imatinb are unknown, women taking imatinb advised to the treast-ede

Driving and Using Machines

ience undesirable effects such as dizziness, blurred vision or somnolence durin ents should be advised that they may experience undesira tment with imatinib. Therefore, caution should be recomme

Uncerstratile Ettects Patients with advector stages of analoguencies may have numerous confounding medical conditions that make causality of advector reactions difficult to assess due to the variety of symptoms related to the underlying disease, its progression, and the co-administration of numerous medicinal products. In clinical tratis in CNL, drug discontinuation for drug-related adverse reactions was observed in 2.4% of newly disposed patients, 4% of patients in the chronic phase affect faulure of intefferon therapy, 4% of patients in the chronic phase affect faulure of intefferon therapy drug of 5% to 16.4% of patients in a line interferon therapy. In cliST the study drug was discontinued for drug-related the advector reactions wave similar to al interferon therapy.

interply and 5% of blast certify patients after failure of interferon therapy. In GIST the study drug was discontinued for drug-related between reactions. In 4% of patients. The adverse reactions were similar in all indications, with the exceedions. Turker was more mechanisappreciation to truth the exceedions. Turker was more mechanisappreciation in CML. The adverse reactions were similar in all indications, with the exceedions. Turker was more mechanisappreciation to the mechanisa of the contrast of the CH based. GI and turnout levels () patients of the contrast of the CH based. GI and turnout levels () patients of the contrast mechanism and some factors and some firme factors of the CH based. GI and turnout levels () patients of the form of transammases the mechanism of the contrast of the CH based. GI and turnout levels () patients of the form of transammases and were described primarly as periods and or lover first to be contrast. However, these contrast were trained in the form of transammases and were described primarly as periods and or tower first ocetamis, However, these contrast and the source of the GI based adverse reactions were metal neurosci. Displant () adverse addition as plant efficients on sources, these contrast in the form of transammases and were described primarily as periods and the second sources. However, contrast levels of the GI base called in a solution adverse addition and the second of the gine source is a fluid relation. These reactions and used base many be contrast, and the displant employing and with diverse and the signal of the signal was adverse to addition and the signal and the signal of the signal adverse additions, compariso and were described primary as plant efficiency were additional to the signal and the signal and the signal adverse addition. These reactions and the signal adverse control in the signal affinition compariso are defined as and the following convention: very common (211/10), entities and by flequencost, respond a sinter blanks, by specifi on the si

Infections and infestations Herpes zoster, herpes simplex, nasopharyngitis, pneumonia¹, sinusitis, cellulitis, upper

		respiratory tract intection, initidenza, unitary tract intection, gastroentenus, sepsis
rate	Rare:	Fungal infection
m2	Blood and lymphatic system disorders	
	Very common:	Neutropenia, thrombocytopenia, anaemia
stop	Common:	Pancytopenia, febrile neutropenia
ıme	Uncommon:	Thrombocythaemia, lymphopenia, bone marrow depression, eosinophilia, lymphadenopathy
	Rore:	Heamolytic engemie

Metabolism and nutrition disorders ised appetite, hypophosp peruricaemia, hypercalcaemia, hyperglycaemia, hyponatraemi Hyperkalaemia, hypomagnesaemia Psychiatric dis libido decreased, anxiety Nervous system disorders raesthesia taste disturbance h Migraine, somnolence, syncope, peripheral neuropathy, memory impairment, sciatica leg syndrome, tremor, cerebral haemorrhage Eye disorders Eyelid oedema, lacrimation increased, conjunctival haemorrhage, conjunctivitis, dry eye, blurred visio Evel chatter our pole orbital parterna science haemorrhage, retinal haemorrhage, blepharitis, macular oedema Cataract, glaucoma, papilloedema sorders Ear and labyr Vertigo, tin Cardiac disorder Palpitations, tachycardia, cardiac failure congestive3, pulmonary oedema Arrhythmia, atrial fibrillation, cardiac arrest, myocardial infarction, angina pec Vascular disorders⁴ Flushing, haemorrhage Hypertension baematoma peripheral coldness hypotension Raynaud's Respiratory, thoracic and mediastinal disorders ysphoea, epistaxis, cough Pleural effusion⁵, pharyngolaryngeal pain, pharyngitis Pleuritic pain, pulmonary fibrosis, pulmonary hyperten; Gastrointestinal disorders usea, diarrhoea, vomiting, dyspepsia, abdominal pain⁶ Flatulence, abdominal distension, gastro-oesophageal reflux, constipation, dry mouth, gastritis Stomatitis, mouth ulceration, gastrointestinal haemorrhage⁷, eructation, melaena, oesophagitis asciles, gastric ulcer, haematemesis, cheilitis, dysphagia, pancreatitis Colitis, ileus, inflammatory bowel disease Henatobiliary dis orders Increased hepatic enzymes Hyperbilirubinaemia, hepatitis, jaundic Hepatic failure⁸, hepatic necrosis Skin and subcutaneous tissue disorders Periorbital oedema, dermatitis/eczema/rasl ruritus, face oedema, dry skin, erythema, alopecia, night sweats, photosensitivity reactio Rash pustular, contusion, sweating increased, urticaria, ecchymosis, increased tendency to ruise, hypotrichosis, skin hypopigmentation, dermatitis exclutative, onychoclasis, folliculitis, etechice postraisis nurriums skin hypernimmentation hullous enurions Acute febrile neutrophilic dermatosis (Sweet's syndrome), nail discolou oedema, rash vesicular, erythema multiforme, leucocytoclastic vasculit syndrome, acute generalised exanthematous pustulosis (AGEP) Musculoskeletal and connective tissue disorders cle spasm and cramps, i pint and m Muscular weakness, arthritis, rhabdomvolvsis/mvopath Renal and urinary disorders Synaecomastia, erectile dysfunction, menorrhagia, menstruation irregular, sexual dysfunction igple pain, breast enlargement, social oedema semorrhagic corrus intermitmeander of a second sec Reproductive system and breast disorders General disorders and administration site conditions

luid retention and oedema, fa Veakness, pyrexia, anasarca, chills, rigor Chest pain, malaise Investigations Weight increased Weight decreased Blood creatings increased blood creating phosphokingse increased blood lactate debudro reased, blood alkaline phosphata

Presentative are apported most commonly in patients with transformed CML and in patients with GIST. Headache was the most common in GIST patients. On a patient-year basis, cardiac events including congestive heart failure were more commonly observed in patients with andromed CML has in patients with concerc CML. Blood amylase increased

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Nervous system disorders

IOL NITOWIT.	Gerebrai dederita			
Eye disorders				
lot known:	Vitreous haemorrhage			
Cardiac disorders				
lot known:	Pericarditis, cardiac tamponade			
Vascular disorders				
lot known:	Thrombosis/embolism			
Respiratory, thoracic and mediastinal disorders				
lot known:	Acute respiratory failure ¹ , interstitial lung disease			
Gastrointestinal disorders				
lot known:	Illeus/intestinal obstruction, tumor haemorhage/ tumor necrosis, gastrointestinal perforation ²			
are	diverticulitis			
Skin and subcutaneous tissue disorders				
lot known:	Palmoplantar erythrodysesthesia syndrome			
lot known:	Lichenoid keratosis, lichen planus			
lot known:	Toxic epidermal necrolysis			
Musculoskeletal and connective tissue disorders				
lot known:	Avascular necrosis/hip necrosis			
lot known:	Growth retardation in children			
Reproductive disorders				
ery rare	Haemorragic corpus luteum/ Haemorragic ovarien cyst			
Neepleen benign muchignent and uponceified (including sucto and netupo)				

alignant and unspecified (including cysts and polype oplasm benign i Tumor lysis syndrome Not known:

Fatal cases have been reported in patients with advanced disease, severe infections, severe neutropenia and other seriour trointestinal perforation have been reported

² Some fault cause of gastrolitestinal perforation have been reported Laboratory test abnormalities: Heenatology: In CAL, cytopenias, particularly neutropenia and thrombcotypenia, have been a consistent finding in all studies, with the suggestion of a higher frequency of pinds 2 rol neutropenias (ANC < 10 x 10⁴)) and thrombcotype-inas (platel courts) of a higher frequency of grade 3 or 1 neutropenias (ANC < 10 x 10⁴)) and thrombcotype-tical solution of the strengestic solution of a higher insteal artist and accelerated plates (554-65⁴) and 44-55⁴, for neutropenia and thrombcotypenia, respectively) as compared to newly diagnosed patients in chronic phase CAL (16 X⁴) with resubstrengestic and thrombcotypenia, in evely diagnosed chronic phase CAL (16 X⁴) and the neutropenia and thrombcotypenic, lineady diagnosed chronic phase CAL (16 X⁴) and the neutropenic and thrombcotypenic episodes usually ranged from 2 to 3 weeks and from 3 to 4 weeks, respectively.

has awants can usually be managed with either a reduction of the does or an interruption of treatment with Senitts, but can in These events can usually be managed with enter a reduction of the dose of an interruption of treatment with sagitta, our can in rare cases leads to permanent discontinuation of treatment. In paediatric CML patients the most frequent toxicities observed were grade 3 or 4 cytopenias involving neutropenia, thrombocytopenia and anaemia. These generally occur within the first several

rapy. w Severe elevation of transaminases (<5%) or bilirubin (<1%) was seen in CML patients and was usually managed Biochemistry: Severe elevation of transaminases (5%) of bilirubin (5%) was seen in CML patients and was usually managed with dose reduction of interruption (the meadin duration of these exploseds was approximately on every). Treatment was discontin-ued permanently because of liver laboratory abnormalities in less than 1% of CML patients. In CIST patients (study 5222), 6.8% of grade 3 or 4 ALT (labinine aminicharatirese) elevations and 4.8% of grade 3 or 4ALT (aspantas famoltransferses) elevations are were observed. Bilirubin elevation was balow 3%. There have been cases of cytolycic and chelstatic hepatitis and hepatic failure, in some of them outone was fatal, including one patient on high does paracetament.

Expensive with doses higher than the recommended therapetic dose is immed, isolated cases or immunit overdose have been recorded sontaneously and in the literature. In the event of overdose the patient should be observed and appropriate symptomatic

reatment given. Generally the reported outcome in these cases was "improved," or "recovered". Events that have been reported at

Nann popuration 200 to 1600 mg (duration varying between 1 to 10 days): Nausea, vomiting, diarrhoea, rash, erythema, oedema, sweiling, fatigue, nuscle spasms, thrombocytopenia, pancytopenia, abdominal pain, headache, decreased appetite. 800 to 3200 mg (sa high as 3200 mg daily for 6 days): Weakness, myalaja, increased creatine phosphokinase, increased bilrubin,

astromesumal pain. 3400 mg (single dose): One case reported in the literature of one patient who experienced nausea, vomiting, abdominal pain

revuentic population One 3-year-old male exposed to a single dose of 400 mg experienced vomiting, diarrhoea and anorexia and another 3-year-old male exposed to a single dose of 980 mg dose experienced decreased white blood cell count and diarrhoea.

male exposed to a single dose of 980 mg dose experienced decreased while blood cell court and diarmose. Interractions Active substances that may increase imatimb plasma concentrations: Substances that might the cyclotrome P450 isoectryme CVP3A4 activity (e.g. ketoconazole, itraconazole, erythromych, clarithromych) could decrease metabolism and increase imatinb concentrations. There was a significant increase in exposure inamito (the mean Cmax and AUC of mainto nee by 26% and 40%, respectively) in healthy subjects when I was co-doministered with a single dose of ketoconazole (a CVP3A4 inhibitor). Caution should be taken when administering Sagitta with inhibitors of the CYP3A4 family.

CYP3A4 tamity. Active substances that may decrease imatinib plasma concentrations: Substances that are inducers of CYP3A4 activity could increase metabolism and decrease imatinib plasma concentrations.

Co-medications which induce CYP3A4 (e.g. dexamethasone, phenytoin, carbamazepine, rifampicin, phenobarbital, fosphenytoin, primidone or Hypericum perforatum, also known as St. John's Wort) may significantly reduce exposure to Sagitta, potentially

processing the provide table is the Previous of the method of the processing of the provide the processing of the provided of the provided table. It previous the the method is a strategies of the provided table is the provided table of the pr

imbiblions, i.e. statins, etc.). Institub also inhibits CVP2C9 and CVP2C19 activity in vitro. PT prolongation was observed following co- administration with warfain. When giving coursarins, short term PT monitoring is therefore necessary at the start and the end of **Sagitta** therapy and when attering the does. Alternatively, the use of two molecular weight hepsin should be considered.

were suerung use dose. Attentistevy, me use or two molecular weight heparts should be considered. In two inastilish hists the cytochrome P460 isservine CVP205 activity at concentrations similar to those that affect CVP3A4 activity. Instith at 400 mg two calaly had an inhibitory effect on CVP205 mediated metoprolion metabolism, with metoprolol Cmax and AUC being increased by approximately 235. Co-seministration of Sagiltar auxil CVP2D6 substrates, such as metoprolol, does not seem to be a risk factor for drug- drug interactions and dose adjustment may not be necessary.

Pnarmacooynamics imitalib is a protein tryssine kinase inhibitor which potently inhibits the Bor-Abl tyrosine kinase at the in vitro, cellular and in vivo levels. The compound selectively inhibits proliferation and induces apoptosis in Bor-Abl positive cell lines as well as fresh leukaemic cells from Philadephia chromosome positive CML and acute (hympholastic leukaemia (ALL) patients.

Cost and in macepanel domains bound one and cost of minimum and the analysis of the second of the

patrometical atronal tunor (GIST) calls, which express an activity of a matter. Constitution activation of the PDGP nexper-or the Ab profet hypothes knases as a consequence of this on to diverse patrice professions or constitutive production of PDGF have been implicated in the pathogenesis of MDS/MPD, HES/CEL and DFSP.

The pharmacokinetics of imatinib have been evaluated over a dosage range of 25 to 1000 mg. Plasma pharmacokinetic profiles were analyzed on day 1 and on either day 7 or day 28, by which time plasma concentrations had reached steady state.

Absorption Maan absorption binavailability for imatinible 98%. There was binb between nation variability in plasma imatinib ALIC levels after an Mean absolute bockvariability for instantio is 95%. There was high detween patient variability in passing instantio AUC revers after an oral dose. When given with a high fat meal, the rate of absorption of imatinib was minimally reduced (11% decrease in Cmax and prolongation of tmax by 1.5 h), with a small reduction in AUC (7.4%) compared to fasting conditions.

At clinically relevant concentrations of imatinib, binding to plasma proteins was approximately 95% on the basis of in vitro experiments, mostly to albumin and alpha-acid-glycoprotein, with little binding to lipoprotein.

Biotransformation The main circulating metabolite in humans is the N-demethylated piperazine derivative, which shows similar in vitro potency to the

parent. The plasma AUC for this metabolite was found to be only 16% of the AUC for imatinib. The plasma protein binding of the N-demethylated metabolite is similar to that of the parent compound.

/ days in faeces (68% of dose) and urine (13% of dose). Unchanged imatinib accounted for 25% of the dose (5% urine, 20% fae

the remainder being metabolities. Plasma pharmacokinetics Following oral administration in healthy volunteers, the 1% was approximately 18 h, suggesting that once daily dosing is appropriate. The increase in mean AUC with increasing dose was linear and dose proportional in the range of 25–1000 mg imatihub after oral administration. There was no change in the kinetics of imatihub on repeated dosing, and accumulation was 1.5–2.5-fold at steady state when dosed once daily.

tassed on population predmissionneits analysis in Cuut, patientilis, there was a sinual metic of age on the Voume or distanciation (12) distances of maintaine the sub-transfer of the su

A in adult patients, imainto was rapidly absorbed after oral administration in paediatric patients in both phase II and phase II studies. Dosing in children at 260 and 340 mg/m²/day achieved the same exposure, respectively, as doses of 400 mg and 600 mg in adult patients.

The comparison of AUC_{DOAD} on day's and day's at the 340 mg/mr/day dose tevel revealed a 1.r-roue usug bountmanned repeated once-adity dosing. Organ function inpairment Institution as the metabolises are not excreted via the kidney to a significant extent. Patients with mild and moderate impairment of rend function appear to have a higher plasma exposure than patients with normal renal function. The increase is approximately 15 to 2-fold, corresponding to a 15-bold deviation of plasma APC, to which institution binds strongly is not a constrained on the strength of the strong of the strength of the

auents. parison of AUC_{40.241} on day 8 and day 1 at the 340 mg/m²/day dose level revealed a 1.7-fold drug accumulation after

very of compound(s) after an oral C14-labelled dose of imatinib, approximately 81% of the dose was recovered within

ion pharmacokinetic analysis in CML patients, there was a small effect of age on the volume of distribution (12%

. ses higher than the recommended therapeutic dose is limited. Isolated cases of imatinib overdose have been

Overdosage

Adult population

lifferent dose ranges are as follows

Paediatric population

nhibitors, i.e. statins, etc.).

Pharmacodynamics

Pharmacokinetics

Population pharmacokinetics

Pharmacokinetics in children

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Absorption

Distribution

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For

Presentation

pyrexia, facial swelling, decreased neutrophil count, increased transaminases. 8 to 10 g (single dose): Vomiting and gastrointestinal pain have been reported.