8028792-9093

FILLIF ection I.P. PFS 300 mcg (Recombi lating Factor Injection (G-CSF))] mbinant Human Granulocyte

ony St COMPOSITION Each preliled syringe of 1.0 ml contains : Filgrantm Concentrated Solution I.P. 30 MIU (300 mcg)

Each prefilted syntage of 1 on contains : Fignatian Concentrates Solution (P. 20 SMI U(300 mcg)) DESCRIPTION Recombinant GC:051 Fignatian), the active impredent of FILLIE is a protein Recombinant GC:051 Fignation, the active impredent dot fill. It is inter-ted and active of para grassing the solution of the solution of the solution produced and accreted by various human blood on types. The protein atmulates is differentiation and profileration of buocopes stem colls into matter granulocptes. It is produced by a method based on tDNA technology, using bacteria (E-Coll as bot cells Recombined C-GSF has a molecular weight of 18796 distances. The protein this ain amino acid sequence that is identical to responsion for Coll. Emplication formula: Cagel has young Cago 9 Pharmacologic Effects of Recombined C-GSF has a constrained to CSF has pharmacologic Effects of Recombined C-GSF has a constrained to CSF has the constrained C-GSF has a constrained to CSF has the constrained to the constrained to CSF has a constrained to the theory of the constrained to the theory of the constrained to the constrained to the theory of the constrained to the theory of the constrained to the constrain

Sactoria (E.Coll) air host cells.Recombinant G-CSF has a molecular weight of 1379 database. The protein has an amine and sequence that is defined to the natural CSF reaces. The addition of an N-terminal methonis necessary templated tomatics (CSF reaces) and the addition of an N-terminal methonism necessary templated tomatics. Conf. Sactor, Sactor,

studies, which did not directly measure the incidence of infection, but which did measure increases in nearophils, support the fitticay of horizonthan G-CSF. Chemotherapy: Treatment with Recombinant G-CSF alignment production or Consolutions Chemotherapy. Treatment with Recombinant G-CSF alignment products or Chemotherapy of the measure into a support to the measure into a support of the m

afterence between the middlen AVET in the inter-optic softe and setting of the average and the soften and the s

Takes recovery and the second neutopenna with thever. A complete blood count (GSC) and patietiet count should be obtained prior to semendhersap, and who per viewek during Recombinant G-SSF Patients with Acade Myeloid Leukemia Receiving Induction or Consolidation Chemothersap. Recombinant G-SSF is indicated for reducing the time to neutrophil recovery and the duration of twost, following induction or consolidation chemothersapt treatment

Chemotherapy Recombinant C-CSF is indicated for freework, the duration of lever, following induction or consolidation chemowerk and character Patients Recoving Stare Marrow Transplant Recombinant G-CSF is indicated to reduce the duration of neutropenia and neutropenia-related chincal sepatient, e.g. letterin entropenia, in-patients with nonnyrelation magnancies underpoing mysicalations chemotherapy followed by obtained at a minimum of 3 times per vise following marrow infusion to monitor the recovery of marrow reconstitution. *Hanters Undergoing Prepheral Blood Progenito Cel Collection and Therapy* Recombinant C-SF is indicated for the mobilization of hematopoleic progenitor cells into the peripheral blood for collection by lausiphreesis. Michilization allows

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for the collection of increased numbers of progenitor cells capable of engraftment compared with collection by leukapheresis without mobilization or bone marrow

CONTRANSI. CONTRANDICATION - Hypersensitivity to the active substance or to any of the excipients. FILLIF should on the used to increase the dose of cytotoxic chemotherapy beyond established

not be Used to Increase we cannot be dongage regimens. FILLIF should not be administered to patients with severe congenital neutrop (Kostman's syndrome) with abnormal cytogenetics.

(Kostmark syndrome) was used **Mannick Reactions** Allergic-type reactions occurring on initial or subsequent treatment have been reported in < 1 in 4000 patients treated with Filgrastim. These have generally been characterized by systemic syndroms in revolving most of thesi (rada, uticaties, facial defamil, regrantary (investing, dynamil), and and/outsitudes for the systemic syndroms in a synthesis of the synthesis of course with the fact 30 minute, after administration of administrations, steroids, broncholditors, and/ce generative, Syndroms recurred in more than halt the patients who are exclusioned. Con FINC NUFTURE TEATL CASES, HAS BEEN REPORTED

Inchrogradia, Some reactions accurred on initial exposure. Reactions tended to cocar with the Net 30 minutes and examinisation of antibitation intermediation occurred in most cases after administration of antibitationics, steroids, broncholitators, and/or genephine. Symptoms recurred in more than half the patient who were realised and the symptoms recurred in more than half the patient who were realised and the symptoms recurred in more than half the patient who were realised and the symptoms recurred in more than half the patient who were realised and the symptoms recurred in more than half the patient who were realised and the symptoms recurred in more than half the patient who were realised and the symptoms of the symptoms of the patient of the symptoms of the symptoms of the symptoms of the patient of the symptoms and the symptoms of the symptoms of the symptoms of the symptoms and the symptoms of the symptoms of the symptoms of the symptoms and the symptoms of the symptoms of the symptoms of the symptoms and the symptoms of the symptoms of the symptoms of the symptoms and the symptoms of the symptoms of the symptoms of the symptoms and the symptoms of the symptoms of the symptoms of the symptoms and the symptoms of the symptoms of the symptoms of the symptoms and the symptoms of the symptoms of the symptoms of the symptoms and the symptoms of the symptoms of the symptoms of the symptoms and the symptoms of the symptoms of the symptoms of the symptoms and the symptoms of the symptoms of the symptoms of the symptoms and the symptoms of the symptoms of the symptoms of the symptoms and the symptoms of the symptoms of the symptoms of the symptoms and the symptoms of th

Teaching consistence Precautions: General Simultaneous Use with Chemotherapy and Radiation Therapy Trybacking and therapy have not Lobe stabilized. Expense and anotherapy have therapy and therapy have not Lobe stabilized. Expense and anotherapy have precautions and therapy have not Lobe stabilized. Expense and anotherapy have there is a dimension of cyclosic chemotherapy. A for Recombinant G-CSF riterocorreal or with micropic C or with mybo suppressive does of antimetabo-there such as 67 shources and a for the combinent G-CSF riterocorreal or with micropic C or with mybo suppressive does of antimetabo-there such as 67 shourcal evidences are lacking for effects. Similarly, there are lack of evidences for safety and efficacy of Recombinant G-CSF (Figurstim) and enters receiving concreter diadiation therapy should be avoided. Potential Effect on Malignant Cells Recombinant G-CSF (Figurstim) is a growth factor that prinarily simulates neurophili. However, the possibility that Recombinant G-CSF (Figurstim) can act organized and the dots of Record G-CSF (Figurstim) extense and be do not applicated attences in remains and a disease-free, or coveral aurival. The safety of Recombinant G-CSF (Figurstim) is disease-free, or coveral aurival. The safety of Recombinant G-CSF (Figurstim) is disease-free, or coveral aurival. The safety of substable PEPC, tunco coll may be triased throm the maximum autobase process and the safety and substable respondent the data available are incortable. Neuro politicated internet Resolution that discusted free dots of the discusted and the internet and substable Department and the safety of the discusted and the linear and substable Department and the safety of the discusted and the linear and substable and the safety of the discusted and the linear and substable and the safety of the discusted and the linear and substable and the safety of the discusted and the linear and substable and the safety of the discusted and the linear and substable and the safety of

subsequently collected in the leukaphenesia product. The effect of reinfusion of unor cells nano been well studied, and the limited data available an **Leukocytosis**. **Construction of the cells of the second studied second studied and the limited data available and textocytosis**. **Construction of the construction of the second studied second studied stud**

Therefore, the premature diacontinuation of reconstructions of the operation of the time of recovery from the expected neutrophil nadir, is preserving not recommended in the superiod neutrophil nadir, is the although the time of recovery from the expected neutrophil nadir, is preserved to the superiod neutrophil ne

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abated when the ANC decreased. Many patients were able to continue Recombinant G-CSF (Figusatim) at a reduced does. Monitoring of bone density may be indicated in patients with underlying osteoportic home diseases with Recombinant G-CSF (Figusatim) for more than 6 months. Recombinant G-CSF (Figusatim) contains softbul Patients with re-hereditary problems of fuctose inibierance should not take this medicine. Laboratory Monitoring Algorizations Recombined participation and the state of the CBC and patients Recombined be obtained prior to cherotherapy. And at A CBC and patient count should be obtained prior to cherotherapy.

heredatary problems of fuctors intelerance should not take this mean... Laboratary Montonia Cancer Patients Receiving Myolosuppressive Chemotherapy A CSC and plasmic torum should be obtained profit to develoption (Figuration) and a CSC and plasmic torum should be obtained profit to develoption (Figuration) therapy. Following cytobics: chemotherapy, the naturchall nadir occurred earlier during cycles when Recombined CSCF (Figuration) as datariserted, and WSC differentials demonstrated a let thit, including the appearance of promy-sologen and myolobials. In advantation, the during on the seven enurportune was reduced, and was followed by an accelerated in covery in the neutropil in counts. Herapert CSCR and platelet counts are incommended (at least 3 times per week) following marrow transplantation. Patients With Severe Chronic Rectorgenia During the initial 4 weeks of Recombinant G-SSF (Figuration) as dated and unify the 2 weeks (Toborgen gray does adjustmict, a CSC with infliented and plate CSC with differential and platelet counts are included by an emotioning with regular CISCs (a. e. a clinically indicated but at least quarterly) is recommended. Addionality for the patients whold be performed throughout the during the regular CISCs (a. e. a clinically indicated but at least quarterly) is recommended. Addionality for the patients whold be performed throughout the during the first ward therapient. Thereafter, (f. thickes) stable, counts along the throughout the during the regular CISCs (a. e. divide) indicated but at least quarterly is recommended. regular CE Additional and cytog treatment. During clir

ical trials, the following laboratory results were reported:

arrig cincula traits, the following laboratory results were reported: Cyclic fluctuations in the neutrophic loants were Requery reported in patients with congenital or discpatric neuropenia after initiation of Recombinant G-CSF (Rignastim) therapy. Platelet counts were generally at the upper limits of normal prior to Recombinant G-CSF (Rignastim) therapy. With Recombinant G-CSF (Rignastim) therapy, platelet counts decreased but usually remained within normal limits.

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Blood and Lymphatic	Very Common	Anaemia, Splenomegaly System Disord
	Common	Thrombocytopenia, Spleen disorder, Leukocytosis
Metabolism and Nutrition disorders	Very common	Blood alkaline phosphatase increased, Blood lactate dehydrogenase increased, Aspartate aminotransferase increased, Blood unic acid increased, Blood glucce decreased, Hyperuricemia
	Common	Anorexia
Nervous system disorders	Common	Headache
Vascular disorders	Rare	Angiopathy
Respiratory, thoracic and mediastinal disorders	Very common	Epistaxis
	Common	Cough, Pharyngolaryngeal pain
	Very rare	Lung infiltration
Gastrointestinal disorders	Very common	Nausea, Vomiting
	Common	Constipation, Diarrhoea
Hepatobiliary disorders	Very common	Gamma-glutamyl transferase increased
	Common	Hepatomegaly
Skin and subcutaneous tissue disorders	Common	Alopecia, Rash, Cutaneous vasculitis
Musculoskeletal and connective tissue	Very Common	Musculoskeletal pain
disorders	Common	Osteoporosis
Renal and urinary disorders	Very rare	Urine abnormality
	Uncommon	Haematuria, Proteinuria
General disorders and administration site conditions	Common	Fatigue, Asthenia, Mucosal inflammation, Chest pain, Injection site pain
	1 le common	Dala

Uniting Raandonized clinical titlas, platests secolving cytotoxis chemotherapy and plasebo or drug reported nauses and vorming, alopscia, diarrhosa, titgue, ancrexis, muccali inflammation, headenko, cuoyh, raik, ches plan, asthreia, pharngolavngeal pain, contalgation and pain with equal frequency in both the group. There have been reports of GVH and statilistic an platests receiving G-25F after allogeneic borne mirrow transplantation. Vascular disorders, socialistical in platest sudergoing bind, does chemotherapy followed by autologous borne marrow transplantation. Wascular disorders, for example, and the statistical statistical statistical statistical telefor dematosis), pulmorary codema, lung inflintes, hypersensitivity reaction (marbyhasm, raik, nuticaria, angioedema, dispones, hypotenion), fosialet cases of sloke cell otises in patients with socke cell disease, pseudogout, antyfrinta, psetchie, translution reaction, hypertension, peritorinits, capillary leak syndrome vere reported.

syndrome were reported. **Dest Marketing Experience:** Splenic rupture, acute respiratory distress syndrome, alveolar haemorrhage and hemotrysis, sickle cell crises, cutaneous vascuitis, sweets syndrome (acute tebrile neutrophilic dermitasis) have been reported. **DVERDOSAGE**

OVENDOSAGE In cancer patients receiving Recombinant G-CSF (Figurasim) as an adjunc myelosuppressive chemotherapy, I is recommended, to avoid the potential of decressive lexicotosis, that Recombinant G-CSF (Figurasim) therapy discontinued if the ANC surpasses 10,000mm² after the chemotherapy-indus ANC main has counted. Doese of neutromation G-CSF (Figurasim) in necessa the AND beyond 10,000mm² may not result in G-SF (Filippasim) in beetift. The mainternum betared doese of Recombinant G-SF (Filippasim)

not been determined. Patients in the BMT studies neovied up to 138 mogRegidary without toxic effects, although there was a talamining of the does response once above daily does of greater than 10 mogRegidary. In comparison patients recording mylexappressive Chernohemany, daconfunation of Recorribant C-CSF (Figuration) therapy usually reaction to a 50% does not contain an exception term of the structure of the s

therapy should be discontinued. If the AVCs supposes 10000mm⁻¹ after the expected characterizing-induced neutrophi nadir. Cancer Patients Receiving Bone Marrow Transplant The economicade does of FLLI-Hooling BMT is 10 mocklogidar given as an IV inducen of 4 or 24 hours, or as a continuous 24-hour SC inducen. For patients and errorstand characterizing and the state of the state of the state and errorstand characterizing and the state of the state of the state and errorstand characterizing and the state of the state of the state and errorstand characterizing and the neutrophic state of the state and errorstand characterizing and the neutrophic state of the state Absolute Neutrophil Count Recommendant G-SF (Figgrastim)

olute Neutrophil Count	Recombinant G-CSF (Filgrastim) Dose Adjustment
n ANC > 1000/mm ³ consecutive days :	Reduce to 5 mcg/kg/day*
C remains > 1000/mm ³ more consecutive days	Discontinue Recombinant G-CSF (Filgrastim)

Whe for 3 then

If AN for 3

If ANC decreases to < 1000/mm³ Resume at 5 mcg/kg/day

If ANC decreases to < 1000mm³ Resume at 5 mcg/sg/day * If ANC decreases to < 1000mm³ at any time during the 5 mcg/sg/day administration, Reschonland C-SCF (Figustion) should be increased to 10 mcg/sg/day, and the Bacows they all them back and them back and the second should be all them back and the parameterized data of theorethical C-SF (Figustion) the during the monitorial of PBC to 10 mcg/sd/day SC, ether as a bolis or a continuous influence. It is commond data theorethical C-SF (Figustion) the during the monitorial administration. Reference and the combined C-SF (Figustion) the during the monitorial administration of Recombined C-SF (Figustion) the given backgaber-esis. Athrough the optimal during to 10 cm 20 ms (Figustion) the during the administration of Recombined C-SF (Figustion) the given backgaber-tees on days 5, 6, Figustion the given and C-SF (Figustion), and Recombined C-SF (Figustion), and Recombinent C-SF (Figustion), and Recombined C-SF (Figustion) the given backgaber-times platent who divertica a WMC acum (Figustion) the considered of the considered to C-SF (Figustion) the diventities of the the considered of the considered of C-SF (Figustion) the diventities of the the considered of the constant of C-SF (Figustion) the diventities of the the considered of the collected cells.

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Inne DO NOT DILITE WITH SALINE AT ANY TIME: PRODUCT MAY PRECIPITATE USE IN PREGNANCY, NURSING MOTHER, USE IN CHILDREN AND OLDER PATIENTS Pregnancy Category C Recombinat CoSF (Figrastim) has been shown to have adverse effects in

Provide the second s

at birm, and a signity reduced 4-day survival rate. **Nursing Mothers**. It is not known whether Recombinant G-CSF (Filgrastim) is excreted in human milk. Because many drugs are excreted in human mik, caution should be exercised if Recombinant G-CSF (Filgrastim) is administered to a nursing woman.

Because many drugs are excerted in human mik, caution should be exercised if Recombard CGS (Figuratin) is administend to a numiny ownen. Bedinizi Usa. Comparing aground the comparing the provided of the second second

Geriatric Use No overall diffe Geriatric Use. No overall differences in safety or effectiveness were reported between these subjects and younger subjects during clinical trials. EXPRIV DAT: Do not use later than the date of expiry.

Do not use later than the date or expr.y. STORAGE Store between 2-8°C. Protect from light. Do not freeze or shake. Keep out of reach of children. Do not use if particulate matter is present PRESENTATION FILLIF is available as 300 mcg/1.0 ml PFS for S.C.f.V. use

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Manufactured by : Intas Biopharmaceuticals Ltd. Piot No. 423/P/A,G.I.D.C., Sarkhej-Bavla Highway, Moraiya Tal: Sanand, Ahmedabad-382 210, India

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