Haxanit 1 g / 200 mg Gemcitabine 1 g/ 200 mg



GP Pharm

FORMULA

| HAXANIT 1 g. each vial contains: |
|----------------------------------|
| Gemotabine as hydrochloride) |

| Mannitot | |
|----------------|--|
| Codeum acetate | |

HAXANIT 200 mg, each wal contains

| Gemcitabine at hydrochlonde | 200 mg |
|-----------------------------|--------|
| Mannitol | 200 mg |
| Sodrum acetale | 12.5 m |

ATC code LOTBCOS

THERAPEUTIC ACTION: Antineoplastic

INDICATIONS

Breast cancer Elementables is indicated in combination with Pacificasel for the Beatment of patients with metastatic breast cancer, after the failure of a previous adjuvant chemotherapy that included antivacyclines, unless these had been clinically contraindicated.

Non-small cell lung cancer - Gemoitable is indicated in combination with (lisplatin for the treatment of patients with inoperable locally advanced (Stage IIIA or IIIB), or melastate (Stage IIIA or IIIB), or melastate (Stage III) and cancer.

Pancreatic Cancer - Gernorabine in indicated for treatment in patients with locally advanced Junesectable Stage III or Stage IIII or metastatic Stage IV adenocaronoma of the pancreas Gernotabine is indicated for patients who have jineviously been treated with S-FU.

Ovarian cancer Indicated in combination with carboplatin for recurrent epithelial avarian parcinoma in patients who have relapsed after at least six months from carboplatin treatment.

Bladder cancer In combination with cisolatin it is indicated for the treatment of bladder cancer.

CLINICAL PHARMACOLOGY:

Gemorabone acts specifically at the cellular phase, primarily billing cells underspoing DMs withhers is 5-has and also blocking the progression of cells through the CELL'S phase boundary. Gemerations (ididCL) is metabolized instacefularly by nucleoside sinks is a cative or undeside diphrophate (dridCDP) and triphing phase (ididCPP). The solitoxis action of gemorabane is attributed to a combination of two actions of diphrophate and nucleosides imphosphate. It leading to mibition of DMA synthesis.

First, Gemiciabine diphiosphale inhibits ribonucleotide reductase, which is solely responsible for catalyzing the reactions that deoximucleoside triphosphates generate for DNA synthesis, inhibition of this enzyme by the diphosphate nucleoside causes a reduction in deoxynucleoside concentrations in general, including dCTD.

Second, generatione triphosphate competes with dCTP for incorporation into ONA In this way, the reduction in the intracellular concentration of dCTP (by the

action of diphosphate enhances the incorporation of generalable triphosphate in DNA (self-potentiating)

After gemotabine is incorporated into DNA, an additional nucleotide is added to the growing strands of DNA. After this addition, there is essentially a complete inhibition in the subsequent synthesis of the

DNA DNA a-polymerase is fundamentally incapable of removing gemotabine and repairing the growing DNA strands (cover strand termination). In CEMT lymphobia stoid cells, gemotabine induces internucleosomal DNA fragmentation, one of the halfmarks of programmed cell death.

Human Pharmacokinetic: The disposition of gendiathere was studerd, according to published studies. In Spathers whom received a single whistion of [000 mg | mf | 30 mmutes of radiotabelled drug. Within a week; 92% to 98% of the dote was almost completely vectowered in the urner. Generatables | c10% and the mactive metabolishe of users[1,760-copy] 2.7%, uncominding (diffull), accounted for 95% of the exceeded dose. The metabolise did to also found in plasma. The binding of Genoralbane to plasma proteits on seligibles.

The half-life of gemotabane for short infusions ranged from 32 to 94 minutes, and the value for long infusions ranged from 245 to 638 minutes, depending on age and gender, reflecting a greater increase involume of distribution with more influsions long. Lower clearance is women and older patients results in higher gemortabine concentrations for any given coice.

The volume of distribution increased with the length of the infusion. The volume of distribution of germutabine was 50 L/m² after infusions lasting 470 minutes indicating that germutabine, after short infusions, is not extensively distributed to though

DOSAGE AND METHOD OF ADMINISTRATION

Gemcitabine is for intravenous use only. Adults

Pancrustic cancer Generalatine should be administered by intraversous infusion at a dose of 1000 mg Im³ for 30 minutes once a week for up to 7 weeks for until tensity necessitates a reduction or maintenance of the dose [i Gillowed by a week off 5,005 equent cycles should consist of injections once a week for 3 out of 4 consecutive weeks.

Dosage adjustment is applied based on the degree of hematological toxicity expenenced by the patient.

Non-small cell lung cancer. Gemotabine should be administered by intravensia mission at a disse of 1000 ling / m³ for 30 minutes once a week for 3 weeks for until footdry requires dose reduction or naintenance), followed by one week Rest. Then the 4-week cycle is repeated.

Dosage adjustment is applied based on the degree of hematological toxicity experienced by the patient

Breat Cancer - Germotabre should be administered intravenously at 1000 mg in fig. 30 minutes on days | 18, and 15 of each 21-day cycle. Pactacast should be indiministered at a dose of 175 mg / m¹ on day 1 as an intravenous influsion 3 hours prior to the germotation in illusion. Patients should be monitored before each dose with a complete blood courn including differential counts. Thereits should have an absolute granulocyte counts / in 1500 x 10° / 11 and a platefet county / ≡ 1000 x 10° / 11 and a platefet county / ≡ 1000 x 10° / 11 and a platefet county / ≡ 1000 x 10° / 11 and a platefet county / ≡ 1000 x 10° / 11 and a platefet county / ≡ 1000 x 10° / 11 and a platefet county / ≡ 1000 x 10° / 11 and a platefet county / ≡ 1000 x 10° / 11 and a platefet county / ≡ 1000 x 10° / 11 and a platefet county / ≡ 1000 x 10° / 11 and a platefet county / ≡ 10° / 11 and a platefet county / □ 10° / 11 and a platefet county / □ 10° / 11 and a platefet county / □ 10° / 11 and a platefet count

Overian Cancer Gemoitabine as intravénous infusion 100kl mg / m² over 30 Illimites on days 1 and 8 of each 21 day cycle Carboplatin AUC 4 should be applied after gemoitabline on day 1. Lyophilized Injectable - Intravenous Use
Argentine Industry - Sale under archived prescription

Dosage adjustment is applied based on the degree of hematological toxicity experienced by the patient

Bladder cancer = Germotabine should be administered intravenously at a dose of 1000 mg im² for 30 minutes on days 1, 8 and 15 of each 28-day cycle in combination with displatin. This is given 70 mg im² on day 1, followed by germotabine, or on day 2 of the 28-day cycle. The 4 week cycle should be repeated.

Dosage adjustment is applied based on the degree of hematological toxicity experienced by the patient

Dose Modifications Dosage adjustment is applied based on the degree of hematological toricity experienced by the patient Clearance in women and older patients is reduced and women were somewhat less likely to continue cycles failer.

Patients receiving gemortabine should be monitored prior to each dose with a complete blood count (IRC), including differential and platelet counts. If bone manow suppression is detected, therapy should be modified or suspended according to the guidelines in the table.

Dose reduction guidelines

| Absolute granul count (x10*) | ocyte Li | Platelet count (x 10°/L) | % of total dose |
|---------------------------------|-------------|--------------------------|-----------------|
| >/=1000 | y - | >/n100.000 | 100 |
| 500-999 | 0 | 50.000-99.000 | 75 |
| <500 | 0 | <50.000 | Sungered |

Laboratory evaluation of kidney and liver function, including serum and transammase clearance, should be performed before starting treatment and periodically thereafter. Gemotabine should be administered with caution in patients with evidence of renal or hepatic dysfunction.

Instructions for use | handling: The recommended diluent for the reconstitution of Germiculains is 93% Sodium Chlodie (Injection without preservatives. Due to solidably considerations, the maximum concentration for germicalme at reconstitution is 40 mg/ ml. Reconstitution at concentration greater than 40 mg / ml. can result in incomplete dissolution and should be avoided.

To reconstitute, add Sm. of 0.9% Sodium (Notine solution for injection for the 200 mg valar of 3 mg. of 0.9% Sodium (Notine) for invection for the 10 ground provided of the 10 mg value of 10 mg valar of 3 mg value of 10 mg value of

Reconstituted genotiabilities a clear colonies solution. After reconstitution with 0.9% Sodium Chloride, the pH of the resulting solution is within 2.7 to 3.3. Parenteral drugs should be visually impacted to see if they have particulate matter in suspension, before administration, whenever the solution and the container allows: if particulate matter is found, a should not be administered.



When prepared according to directions, gemotabline solutions are stable for 24 hours at controlled room temperature of 20-25 °C. Discard unused portions. Gemotabline solutions

Reconstituted products should not be refrigerated, as crystallization may occur

The compatibility of gemotabine with other drugs has not been studied. No incompatibilities have been observed with infusion bottles or polyviryl chloride badi and administration sets.

Procedures for the proper handling and disposal of anticancer drugs should be observed.

CONTRAINDICATIONS:

Gerni tabini is contrained rated in those patients with known hypersenvironty to the drug.

WARNINGS:

Prolonged influsion time and increased dose frequency have been shown to increase foxicity.

Germitabine can suppress bone marrow function a manufested by leukopenia, thrombocytopenia, and anemia, and myelosuppression is usually the dose-tarriting to licity.

PRECAUTIONS:

Laboratory tests. Patients receiving gemoitabline should be monitored prior to eath dose with a complete blood count (CBC), including differential and platelet counts. The suspension or modification of therapy should be considered when drug-induced spinal depression is detected.

Laboratory tests of lodney and liver function should be performed before starting treatment and periodically thereafter

Pediatric patients. The effectiveness of gemeirabine in pediatric patients has not been demonstrated.

Patients with imparied renal or hepatic function. Generatabne should be used with caution in patients with imparied hepatic function or with pre-existing impaired renal function. Generatabne has not been studied in patients with significant hepatic or renal impairment.

Pregnancy and breast-feeding-Pregnancy Category. Gemorabine may cause fetal harm when administered to pregnant women. Its use in lactation stage should be avoided due to the potential harm to the infant.

Carcinogenesis, mutagenesis, damage to fertility. Gemotabine has shown reversible dose effects on male fertility in animals, but not on female fertility. There are no long-term studies evaluating the carcinogenic potential of gemotabine.

Effects on the ability to operate machinery. Patients should be advised of the population that generabline may cause mild to moderate drowsiness.

INTERACTIONS

Concurrent radiation therapy (or less than 7 days apart. Associated toxicity depends on many factors, but clinical studies suggest that generatione has a radiosensity pine effect.

Sequential radiation therapy (more than "days apart). There is no data to indicate increased toology when generatables is administered more than 7 days apart after radiation therapy. However, soft casse injuries associated with the simultaneous or non-use of generatables have been reported.

ADVERSE REACTIONS

General A Ru-like-silness has been reported. The most commonly reported symptoms are fever headache, back pain, thills, myalgia, asthenia, and amore na The following symptoms are also commonly reported, cough, thai illi, malake, sweating, and insomnia. Anaphylactoid reactions have been reported very wirequently.

Radiation toxicity has been reported (see interactions section

Hematologic: As gemotabline is a bone marrow suppressant, anemia, leukopenia, and thrombocytopenia may occur as a result of gemotabline administration. Febrie neutropenia is also commonly reported.

Gastrointestinal: Abnormalities in liver function tests are very common, but these are usually mild, not progressive and rarely need to stop treatment However, gementabline should be used with caution in patients with impaired liver function.

Nausea and sometimes accompanied by voniting occur frequently. This adverse effect it rarely dose-limiting, and is easily manageable with standard antiemetic

Diarrnea and stomatitis have also been frequently reported

Mepatobiliary: Liver function tests with abnormalities that include increases in the level of aspartate ammotransferase (ACT) alarme ammotransferase (ACT) against a glutarry) transferase (GGT) alkaline phrisphatase, and bilinuban have been reported rarely.

Fever: The total incidence was 41%. This contrasts with the 16% infection rate. This suggests that gemortabline produces fever in the absence of infection. The fever was almost always associated with infection with the influenza wirus.

Renal: Moderate proteinuria and hematuria have been reported frequently.

Respiratory: Dyspinea has been frequently reported. Bronghospasm has been reported analy after gementabline influsion interstitial pneumonitis has been

reported very infrequently.

Puln onary effects, sometimes severe (such as pulmonary edema, intestitial innovaments, or adult respiratory distress conforme in association with

preumonits, or adult respectory distress syndrome in association with gemotiabine therapy if these effects develop consideration should be given to discordinuation of Gemotiabine treatment

Early use of supportive measures can improve the condition.

Gentro-urinary: Clinical findings consistent with Hemolytic Uremic Syndrome have been rarely reported in patients receiving genotabine.

Gemortabine should be discontinued at the first symptoms of any microangiopathuc endence of hemolytic anemia, such as a rapid fall in hemoglobin concomtant with thombacytopenia, elevated secum bilinubin, serum creationine, use a nitrogen, or LDH. Rental failure may not be reversible even with discontinuation of the early and dishabin and be required.

Cardiovascular: Edenia / peripheral edema has been frequently reported. A few makes will hypotension have been reported. Myocardial infarction, congestive heart failure, and arrhythma have been reported, but there is no clear evidence that permotibline causes cardiac foundly. Vascular, Very rarely clinical signs of peripheral vasculitis and gangrene have been reported

Skin and appendages. Rash has been observed, frequently associated with riching.

The rash is usually mild. Alopeda lusually minimal hair loss) has also been reported hequently. Very rarely severe skin reactions including peeling and rash, have been reported.

OVERDOSE:

There is no antidote for genorablene overdose. The main toroctives that were observed were imperious pression, parasetises and severe vails when, a single dose as high as $5.7 g / m^2$ was administered by IV influsion over 30 minutes every two weeks to some patients in a Philas 1 study. Suspected newtoous, the particular observation of the particular objects of the particular ob

In the event of an overdose, go to the mearest Hospital or contact the Poison Control Centers.

Diai 011 if you reside in the interior of the country | 011 | -4962-2247 or i011 | -4962-6666

R. Gutierrez Children's Hospital Sanchez de Bustamante 1399 C.A.B.A.

Specialized care for adults:

011) 48(II 5555 Fernandez Hospital, Cervino3356 C.A.B.A. Hospital A. Posadas (011 -4654-6648 / 4658-7777*

PRESENTATION:

HAXANIT 200 mg Containers containing 1 ampoule vial

HAXANIT 1 g Containers containing 1 ampoule vials.

CONSERVATION

Store at room temperature and humidity between 15 | 30° C (59° - 86° F)

Do not refrigerate. After adding the diluent solution, it can be stored for 24 hours at room temperature. Do not refingerate after reconstitution. THE UNUSED TRACTION MUST BE DISCARDED.

This medicine must be used exclusively under a medical prescription and cannot be repeated without a new prescription.

KEEP OUT OF THE REACH OF CHILDREN

MEDICINAL SPECIALTY AUTHORIZED BY THE MINISTRY OF HEALTH CERTIFICATE N°55 445

If you have any questions, call 0800-777 0018



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