DIROGIT®

COMPOSITION

INDICATIONS AND POTENTIAL USES

Adjuvant treatment of patients with colon cancer (Dukes' stage C) in whom monotherapy with fluoropyrimidines is indicated. First-fire therapy in patients with metastatic colorectal cancer either as monotherapy or is combination with oxalipatin (XELDX) with or without bevaciumab. Second fire therapy in patients with metastatic colorectal cancer is combination with oxalisating (XELDX) second fire therapy in combination with docatexel in patients with locally downood or metastatic breast cancer after failure of cycloxic cherroframpy with anthrespolines. First-line therapy in patients with locally advanced or metastic breast cancer after failure of cycloxic cherroframpy with anthrespolines. First-line therapy in patients with locally advanced or metastic breast cancer after failure of cycloxic cherroframpy with anthrespolines. First-line therapy in patients with locally advanced or metastic breast cancer after failure of cycloxic cherroframpy in patients with advanced or metastatic gastric cancer, esponded cancer or cencer of the gastroesphapeal junctori. *Normal closese*.

Normal dosage Dirogit tablets are to be taken with water within 30 minutes after a meal.

otherapy

Monotherapy: The recommended dose of Diropit in monotherapy is 1250 mg/m² administered twice delity (moming and evening): equivalent to a total delity dose of 2500 mg/m²) for 14 deys followed by a 7-day rest period. In combination with docetaxel, the recommended dose of Diropit is 1250 mg/m² twice delity for 14 days followed by a 7-day rest period, combined with docetaxel 75 mg/m² as a 1-hour intravenous influsion evens 3 weeks. This 3-weekly cycle should be continued with progression of the cancer is documented or intolerable dise effects necessitate casaation of treatment. Detailed information on the use of docetaxel and on administration of premedication is given

in the prescribing information for docetaxel.

In the prescribing information for obcolusion, in combination with oxaliplatin as a 130 mg/m² intravenous influsion over 2 hours, treatment with Ditrogit Following administration of coaliplatin as a 130 mg/m² intravenous influsion over 2 hours, treatment with Ditrogit 1000 mg/m² hold adaly is started on the same day and given over 2 weeks followed by a 7-day rest period. Detailed information on the use of oxaliplatin and on administration of premedication is given in the prescribing information

for oxalipletit. In combinetion with axatiplatin and bevacizumab Bevacizumab is administeried as a 7.5 mg/kg intravenous infusion over 30 to 90 minutes on day 1 of the 3-weeky cycle tolowed by oxaliplatin and Dirogit as described in the combination with oxaliplatin section. For detailed information, plasse refer to the prescribing information for Bevacizumab. The following tables show how here standard does and the induced does of Dirogit (see Dosage adjustment during treatment) are calculated for a 1250 mg/mt or 1000 mg/mt fasting does of Dirogit. In combination with oxaliplatin and spirablein

In comparation with comparation of the second secon n on oxaliplatin.

Table 1: Standard and reduced dose calculations according to body surface area for a Dirogit starting dose of 1250 Dose level 1250 mg/m² (twice daily)

1	Full dase 1250 mg/m ^e	Number of 500 mg Tablets and / or 150 mg per administration (each administration to be given morning and evening)		Reduced dose (75%) 950 mg/m ^r	Reduced dase (50%) 625 mg/m²
Body surface area (m²)	Dose per administration (mg)	150 mg	500 mg	Dose per administration (mg)	Dose per administration (mg)
< 1.26	1500	1.1	3	1150	800
1.27-1.38	1850	1	3	1300	800
1.39-1.52	1800	2	3	1450	950
1.53-1.66	2000		4	1500	1000
1,67-1.78	2150	1	- 4	1650	1000
1,79-1.92	2300	2	4	1800	1150
1.93-2.06	2500	-	5	1950	1300
2.07-2.18	2650	1	5	2000	1300
> 2.19	2800	2	5	2150	1450

	Full dase 1000 mg/m²	Number of 500 mg tablets and / or 150 mg per administration (tesch administration to be given morning and evening)		Reduced dose (75%) 750 mg/m²	Reduced does (50%) 500 mg/m ²
Body surface area (m*)	Done per administration(mg)	150 mg	500 mg	Dose per administration (mg)	Dose per administration (mg)
< 1.26	1150	1	2	BOO	600
1.27-1.38	1300	2	2	1000	600
1.39-1.52	1450	3	2	1100	750
1.53-1.60	1600	4	2	1200	800
1.87-1.78	1750	5	2	1300	800
1.79-1.92	1800	2	3	1400	900
1.93-2.06	2000		4	1500	1000
2.07-2.18	2150	1	4	1600	1050
>2.19	2300	2	4	1750	1000

Dosage adjustment during treatment

Possible side effects of Dirogit can be managed by symptomatic treatment and/or modification of the Dirogit dose (treatment interruption and/or dose raduction). Once the dose has been reduced, it should not be increased as a

Patients taking Diropit should be informed of the need to interrupt treatment immediately if moderate or severe side effects occur. Doese of Diropit omsted because of side affects are not replaced; instead, the patient should resume the originally patient treatment optim.

inally partners resument opum. ding on the severity of the side effects, the following dose modifications are recommended:

Table 3: Sun sary of dose adjustments of Dirogit

Toxicity NGIC grades		
Grade 2		(% of starting dose)
First appearance	Interrupt until resolved to grade 0-1	100%
Second appearance	Interrupt until resolved to grade 0-1	75%
Third appearance	Interrupt until resolved to grade 0-1	50%
Fourth appearance	Discontinue treatment permanently	-
Grade 3		
First appearance	Interrupt until resolved to grade 0-1	75%
Second appearance	Interrupt until resolved to grade 0-1	50%
Third appearance	Discontinue treatment permanently	
Grade 4		
First appearance	Discontinue treatment permanently or if physician deems it to be in the patients best interest to continue, interrupt until resolved to grade 0-1	-/50%
Second appearance	Carlos Carlos -	

enter white bearing neutrophil county of < 1.3 x10%, end/or pletelet counts of < 100 x 10%, sh mit Drogs, 1.3 white set of the set o

Innex view Diographical service and the service studied in patients with mild to moderate metastasis-pamment. The pharmacokinetics of Diogit were studied in patients with mild to moderate metastasis-every and the service studies and alkafue polynatiase. No doosge adjustment is required in these metastasion of Diogit should be interrupted if treatment-related elevations in billingho 14.3.0 at ULN of normal) or treatment-related elevations in hepatic aminotransferases (ALAT ASAT) of > 2.5 x ULN

occur. Treatment with Dirogit may be resumed when bilirubin decreases to < 3.0 xULN or hepetic aminotransferases decrease to < 2.5 xULN. No experience is available in patients with heputic impairment, in patients with mild to moderaite hepitic impairment, the used of capacitations should be catalwidth monitored: In patients with avaers hepatic impairment (Dhild Poigh C), Dirogit is contraindicated. Renal impairment, the patients with mider rain impairment (creatifine clearance 51-80 mitrini) no edulation in stanting Good in socialed. In patients with moderais renal impairment (creatifine clearance 50-80 mitrini) no adjustment in stanting Good in socialed to 15% of the recommended stating dose, in patients with severe renal monitories (Crimited and Contractions of the commended stating dose, in patients with severe renal monitories).

impairment (creatinine clearance < 30 mi/min) Dirogit is contraindicated. If the calculated creatinine clearance fails to

<30 milmin during-treatment, Dirogit should be stopped. Children and adolescents (under 18 years): No studies have been performed on the tolerability and efficacy of Dirogit in children and adolescents.

In Chicken and Automations. Eleven validate (Thies as exament-related alce effects were more hequent in the elderly (over 80 years) than in an eleven the second sequences and monitoring a scheder. In contractions with decision if it recommended that the Dirogit ose be reduced to 75% CONTRAINDICATIONS

Hypersentility to the active ingredient, to other fluoropyrimidines (fluorouracii (5-FU)) or to one of the excipients. Known dihydrapyrimidine dehydrogenase (DPD) deficiency. Pregnancy and lactation

Severe renal impairment (creatinine clearance under 30 mi/min).

Severe hepatic impairment (Child Pugh C).

ne or with chemically related substances, such as solvudine WARNINGS AND PRECAUTIONS

WARNINGS AND PRECAUTIONS Dirogit should be prescribed only by a suitably qualified doctor with experience in the use of antheoplastic drugs. Since Dirogit stould be prescribed only by a suitably qualified doctor with experience in the use of antheoplastic drugs. Since Dirogit is usually taken at home, patients must be informed of the possible add enfects before starting theatment and specifically tool what to do should such effects occur. Patients monivog Dirogit should be classly monitared for siste effects. More used effects are revenuello and do not require permanent doces. The effect of the effects are revenuellos and do not require permanent block-intering of effects. And use defines an environment the endouge the doces and/oble ceretarily monitored and ediments, and/oble transformers. Sustaines, presents with severe diambas, ashould be ceretarily monitored and if they become dehydrater, dhould be given fluid and elactryling replacement. Standard nntidiament transment (i.e., g. bepramete) should be priver that and elactryling replacement. Standard nntidiament arbustions in the prevented or connected at the onset. Nauses, vamiling or diambas can replay interrupted and the dehydration connected. Treatment should not be defined in an elaborities and proceptating causes have been connected or controlled. Does modifications should be applied to the prevented or controlled. Does modifications as should be

precipitating causes have been corrected or controlled. Dose modifications should be applied for the precipitating adverser event as necessary. Mano-foot synchrome: Capacitabine can cause hand-foot synchrome (paimarplantar erythrodysesthesia or cherootherapy induced acail erythrama) with a servitivy of between 1 and 3. In patients on Capacitabine monotherapy, the median interval until find cocurrence is 72 dargs it (136 dargs). Hand-foot synchrome grade 1 is characterized by numbness, dyseathesiaupiaresthesia, ingling, snythema or paniess swelling of the hands and/or test. The symptoma do not interfere with normal daip activities. Grade 3 is defined as patient expline grade 1 is characterized by numbness, dyseathesiaupiaresthesia, ingling, snythema or paniess swelling of the hand-sot synchrome is defined as molist designamation, unceration, bisearing and server pain of the hands sendor feet and-loot synchrome is defined as molist the gatant to be unable to work or perform normal daily activities.

the patient to be unable to work or perform normal (dally adhivites. If yrate's 2 c3 hand-dots syndrome occurs, the Capeciables dote should be adjusted. The occurrance, in rare cases, of unexpected severe side effects (e.g. stomatine, slarihes, neutropenia, possibly associated with year and neutrobicity) during tratement with 5-FU has been attributed to reduced athydropyrimidine dataccased with tWH and reproducing control that the second seco capecitations use anould be carefully monitored in patients with mind to moderate tree optimization, regardness of the presence or absence of liver metastases. In patient with liver metastases and elevation in billuitan or other liver enzymes, Capecitable should be used with caution. Capecitable should be used with caution in patients with ree impairment. In patients with moderate renal impairment (nearining each clearings 03-60 million) is a platent with the grade 3 or 4 side effects was observed, as was also the case with 5-FU. In these patients Capecitable should be reduced to 75% of the recommended starting does.

The carabobic side effects observed ouring treatment with Capicitations, such as impocantial interactor, arging peofords, carabic arrifythmis, carabic errest, heat failure and ECG changes, are comparable to those of other fluorinated pyrindines. The incidence of such side effects is greater in patients with a fistory of contrary heart (baseac, Caulion must be exercised in patients with a history of even cardiac disease, arritythmis, and angina peotors, in eldery patients aged between 60 and 73e years threats the table to reverse flueting objection monotherapy the incidence of graterinistrial defects was aimmate to that the serveral patient population.

Among very elderly patients (80 years and older), there was a higher per cent incidence of revenable grade 3 or 4 gastrointestinal side effects such as cliarmen, nauses and vorniting. Evaluation of the safety data of patients aged > 60 years treated with the combination of Capecitables and docetaxel showd an increased incidence of treatment-related side effects compared with patients under 60 years. Early on of treatment may be necessary.

INTERACTIONS

Protein binding: Capecitabine plasma protein binding is low (54%)

Protein binding: Capecitabre plasma protein planning is low (94%). Interaction due to displacement of highly braitsh-band substances is therefore not to be expected. Courserin-type anticocoguiantis: Charges in coogulation parameters and/or bleeding have been reported in patients who took capacitabre to explaint with coursering who who want and phenprocourson (CVP2CB substrates). These undesirable effects appeared within a first of usys such as want in entraneous the capacitabre. In the loaded case within a work of usystemic of treatment with capecitabre. In the loaded case within a month of usystemic of treatment with capecitabre. In

a clinical interactions study, after a single 20 mg dose of warfarin, Capecitabine treatment increased the AUC of S-warfarin by 57%, with a 91% increase in INR.

Patients taking coumarin-type anticoagulants (incl. acenocoumarol) concomitantly with cap regularly monitored for changes in coagulation parameters (thromboplastin time or INR) and the anticoagulant dose

adjusted accordingly. Phenytoin: increased plasma concentrations of phenytoin (a CYP2C9 substrate) have been observed during Phenytoki: Increased plasma concentrations of phenytoin (a CYPPC0 substrate) have been observed during concentrate use of Capeotable with phenytoin. Paliestins taking phenytoin concomitative with Capeotable is been equipled with the second secon ried out: Caution is

capecitabine should be avoided.

supersame should be evolve. Decensoring-backary is have a samining the effects of Capacitable on the pharmacokinetics of docetaxel and pacitized and vice versa showed the pharmacokinetics of docetaxel or paditaxel (C_{max} and AUC) to be unsitted by Capacitables and the pharmacokinetics of 3 O-DPL to be unsitted by Societaxel or paditaxel.

Capacitatione and the pnarmacokinetics of 3-tr-trist to exinatected by acceleration and the pnarmacokinetics of acceleration and the international structure of the pharmacokinetics of capacitatione and its metabolities. However, laucovorin has an effect on the pharmacokynamics of capacitables and the intokicity of capacitable may be lorecased by leasoworin: the maximum liberated does of capacitables and the laboration the intermittent regiment is 3000 mg/m² per day, whereas it is only 2000 mg/m² per day when capacitables is combined with leucovorin (30 mg with a onally tw

Brivudine and analogues: Capecitable must not be used in combination with brivudine, an irreversible inhibitor u dihydropyrtmidine dehydrogenase (DPD), or with chemically related substances such as scrivudine, as inhibition at hiv enzyma can hianahly the toxicity of capacitable with potentially feat consequences. In addition, an hianah of at least 4 works must be observed between treatment with hinduraline or chemically related aubtances such as sortvudine and the start of capecitablee therapy

Oxallplatin: No clinically significant differences in exposure to capecitabine or its metabolites, tree platinum or total platinum occurred when capecitabine was administered in combination with oxallplatin with or without bevacizumab PREGNANCY AND LACTATION

No studies have been conducted on the use of Capacitables in pregnant women. In reproductive toxicology studies in animals, capacitables administration caused entrolycletably and teralogenicity. These results are to be expected with Bucropyrinding derivatives. It must be assumed entrolycletables of Dirogs during preparatory may damage the Imministry framework in the second state of pregnant while neceving treatment with Diropit. Women and men receiving treatment with Diropit about employ contraceptive measures. It is not known whether Diropit is excreted in breast milk. In a study in which, sucking mice were given a single oral does of Capecitablee, significant amounts of capecitablee metabolities were detected in milk. Breastleeding should therefore be avoided during treatment with Capecitable. Effects on ability to drive and use machinee

Effects on addity to drive and use machines Droph my cause distances, their and uses an advances. These effects may impair the ability to drive and use machines. UNDESINAB-is interactions in the second structure interaction of the ability to drive and use machines. UNDESINAB-is interaction of the second structure interaction of the second structure



Table 2: Standard and reduced dose calculations according to body surface area for a Dirogit

no dose of 1000 mg/m³

meczions Common: Herpes simplex infections, minopharyngitis, oral candidiasis. Rare: Local and lethal systemic infections (bacterial, viral or fungal etiology), sepsis.

Immunsystem

Common, mostly in combination with exellplatin: hypersensitivity reactions

Common, mostly in combination with the takeness, trypter and the second grade 3/4 3%).

Common: granulocytopenia

Lommon: granuocytopenia. Metaboliam and nutrition disordera Wey common: anomski (R-31 % grade 3/4 %), hyperglycemia (40%, grade 3/4 6.9%), hypocakosmia (13.2%, grade 3/4 0.8%), hyponatemia (12.5%, grade 3/4 0.41%), reduced appentia (5-10%). Germon: hyperuclamina, hypotakosmia, defydration, weight loss.

Common: hypercalcemia, h Psychiatric disturbances

non: Depression

Nervous system

Nervous system Wery common, mainly in combination with cxaliplatin, docetaxel or cisplatin with or without epirubicin: taste diautranoa (0-15%, grade 344 <1%); parenteelessie (0-37%, grade 346 -04%), peripheral neurosathy (<1-83,7%, grade 346 -05%), peripheral sensory neuropathy (<1-18%, grade 346 -02%), dysgessie (4-12%, grade 344 <1%), fautopathy (0-14%, grade 346 -02%), dysdemiae (0,13%, grade 346 -03%), handbarte (5-12%, grade 344 <1%), fautopathy (0-14%, grade 346 -02%), dysdemiae (0,13%, grade 346 -03%), handbarte (5-12%, grade 344 <1%), fautopathy Common: isoemai, lettargy, hypoesthesia, hyperesthesia. Most cases of parenthesia fave documed in resociation with the hand-foot syndrome. Uncommon: Encephalogathy, contusion, cerebellar symptoms such as ataxia, dysanthia. Impaired balance and another taste.

abnormal coordination. Eyes

Very common, mostly in combination with docetaxel: increased lear secretion (12%). Common: conjunctivitis, eye irritation, blurred vision.

Very rare: Lacrimal duct stenosis has been observed in the post marketing phase

Common: myocardial ischemia/infarction.

Uncommon: Heart failure, cardiomyopathy, sudden cardiac death, tachycardia, atrial arrhythmias including atrial fibrillation, ventricular extrasystoles

Vessels

Very common: hypertension ((mainly in combination with bevacizumab): <1-12%, grade 3/4 <1-3%), lower imb edema (mainly in combination with docetaxe): 4-14%), thromboembolism (13.3%, mainly in combinatin with cist tin with cisplatin plus epirubicin). Respiratory organs

Very comm on: pharyngeal dysesthesia (0-13%, grade 3/4 0-2%), sore throat (mostly in combination with docetaxel: 11%, grade 3/4 2%).

Common: dysprea, epistuxis, cough, pharyngolaryngeal paln, minorrhea, dysphonia. Gastrointestinal disturbances

Caesronimestmai dasuroancee Www.common. diamine (255-49%, grade 3/4 5-22%), nauses (33 - 82.1%, grade 3/4 2-11.4%), voniting (14-82.1%, grade 3/4 2-11.4%), atomatis (12-30,1%, grade 3/4 <-1-4%, in combination with donekaele 07%, grade 3/4 18%), abdominal pain (16-25%, grade 3/4 2-7%), considerion (16-16%, grade 3/4 <-1-4%), synppsis (6-12%, grade 3/4 <1%).

Common: upper abdominal pain, mouth dryness, flatulence, oral pain, gastritis, maisise Uncommon: esophagilis, duodenitis, colliis, gastrointestinal bleeding.

Ciricolarian Balanagina, Judean III., Collar, gasa Cirina and Deban y. Hepatobiliary Wary common: Elevation in ASAT (25.1-28.7%, grade 3/4 0.3-07%). ALAT (16.7-27.2%, grade 3/4 0.4-1.3%), bilindrin (38.9-50.3%; grade 3/4 15.3-18.6%), alkaline phosphatase (26-27.2%; grada 3/4 0-0.1%). atic impairment, cholestatic hepatitis.

Very rane: He Skin

Very common: hand-foot syndrome or palmai-plantar anythrodysesthesia (22-63%, grade 34 4-26%), dematilis (-1-10%, grade 34 <1%), nail changes (1-14%, grade 34 0-2%, is g. nail disc onycholysis), alopedia (mainly in combination with docetaxel or cisplatin with or without epinubicar; 1-34 0-47.4%). rubicin: 1-82.51%, grade

Common: dry skin, rash, erythema, piomentation disturbancies, pruritus, localized extelliation, skin fissures Lourinno: up saint react systemitic pysettelaaion oostindandes pronuer Volatized ooreitant, seri resoures, Lourinno: by biotenalityt verdone, radiation recali phenomenon, extolative dematitis, lichy erythema, brittle natis, nati dystrophy. Mucculosketetal system

Very common: pain in the limbs (mostly in combination with exalipitatin: 0-10%, grade 3/4 < 1%), myalola (14%, very common: paint new more investigent companies in the combination with de grade 3/4 2%), arthraigila (1%, grade 3/4 1%), all mostly in combination with de Common: limb pain, back pain, rigor, pain in jaw. Kidneys and urinary tract

Very common: Elevation in serum creatinine (9.8-13.8%, grade 3/4 D-0.4%). Reproductive system and breast

non: Breast pain.

Ear and inner out

Common: vertico

General disorde

Very common: exhaustion (15-24 %, grade 3/4 0-3%), pyrexia (4-21%, grade 3/4 1%), asthenia (4-23%, grade 3/4 1/4), asthenia (4-23%, grade 3/4 2-7%), fatigue (17-36%, grade 3/4 2-7%), in combination with crapterin or oxaliptatin with or without epilub nation with cisplatin or oxaliplatin with or without epirubicin: 15-96.1%, grade 3/4 < 1-24.9%). se, pain, heat intolerance, letha

Common: Pyrexia, mak OVERDOSAGE

The symptoms of acute overdose are nausea, vomiting, diarmes, inflammution of muccus membranes The symptoms of the second overclose of the second se second sec

PROPERTIES AND EFFECTS

Processor is and service is Mechanism of action/pharmacodynamics Capacitabine is a fluoropyimicine carbamise for onal use and belongs to the group of lumor-activated and lumor-astective cytostatics. In the final step preferencesity in the tumor, into the till and tilladi (cotoxic), but is converted by three entrymatic steps), the final step preferencesity in the tumor, into the

exterioxic active substance 5-FU.

the S-FU

cytoloxic active substance 5-FU. 5-FU i hibits cell division by blocking DNA synthesis (enzyme inhibition), resulting in the formation of structural defective RNA (incorporation of 5-FU), which directly affects protein blocynthesis. The formation of 2-FU hom phosphorylase. This keeps the burden on healthy lissue due to systemic 5-FU to a minimum. The stepwise phosphorylase. This keeps the burden on healthy lissue due to systemic 5-FU to a minimum. The stepwise occentration of the uncorrected the concentration in the surrounding, tissue was 3.2 featible than in norm tissue. After oral administration of capecitables to 5-FU lises to higher concentrations in thuror (tasket han in Norm tissue. After oral administration of capecitables to patients with colorectal cancer (n = 6) the ratio between the 5-The ratio between the 5-FU concentration in the surrounding, tissue was 3.2 featiblesen 0.2 and 8.0, The ratio between the 5-FU concentration in the surrounding table 0.1 between 0.3 and 25.0, The ratio between the 5-FU concentration and plesma was 0.9 (Detween 3.0 and 25.6). The thymiling phosphorylase concentration was determined and found to be around four times higher in primary octen tumor in the surver out the torm oral the termined and found to be around four times higher in primary octen tumors the surververter optimised and found to be around four times higher in primary octen tumors tumors than

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In terms of progression-line and overall survival. A pre-specified primary exploratory analysis showed the treatment subgroup XELOX + bevadzumäb to be equival to the treatment subgroup FOLFOX4 - bevadzumab in terms of median progression: Free survival (hazard ratio to the treatment subgroup FOLFOX4 - bevadzumab in terms of median progression: Free survival (hazard ratio 1.01 [97.5% CI 0.84-1.22]). The median follow-up particle at the time of the primary analysis in the intent to-treat

14/1 [Jr.3% G] 0.84-1 22]. The median sum-system of a total of 627 patients with metastatic coloradal cancer in a randomized multicantric study (N016967) performed in a total of 627 patients with metastatic coloradal cancer who had previously meavied inhouses and a flucropyrimiline-containing regimen as first-line therapy, no significant differences were found between XELOX and FOLFOX-4 in terms of progression free or overall aurival. The median differences were found between XELOX and FOLFOX-4 in terms of progression free or overall aurival. The median differences were found between XELOX and FOLFOX-4 in terms of progression free or overall aurival. The median Combination therapy - Second-finant terms pix this Capecitable were and docetaxel in focally advanced or metastatic breast cancer. In a phase II study, 205 patients were treated with capecitable (1250 mg) m³ twice daily

for 3 weeks followed by a one week treatment break) plus dooetazel (75 mg/m⁴ as an 1 hour intravenous infusion every 3 weeks) after failore of an anthracycline-containing chemotherapy regimen. 256 patients realived doortaxel alone (100 mg/m⁴ as an 1 hour intravenous infusion every 3 weeks). The survival fails on combination manay with coentaxel was algolicantly higher (42 days vs. 352 days with doottaxel alone; p = 0.0126). The overall mapone rate in the all -randomized population (investigator isseessment) was 1.9% on capecitation + doottaxel vs. 39 (** on doottaxel alone (p = 0.058). The median time to disease progression or death on capecitables + sloostaxel (186 days) was significantly longer (p < 0.0001) than with doottaxel (78 days). Combination therapy - Esophagel Eancer, cancer of the gastroesophagel (unction and gastric cancer in a motionized on the slow phase) il slow (FREA-2), 100 patients with slowanod or metastical exophagel cancer, cancer of the gastroesophageal junction or gastic cancer was treated with one of the four following triple combinations for a very 3 weeks and capecitatione 4 continuous inhubion or ECX = epirubician, cancel in dire SDI (** 0.000) than with 5-FU (200 or mg/m² days as a bolus on day t every 3 weeks), on ECX = epirubician, cancel continuous inhubion or ECX = epirubician, cancel contexted co on day 1 every 3 weeks and capocitation (625 mg/m² fixed adity with no treatment break) or EOF = epirobicin and catalitation with S-FU (200 mg/m² daity as a continuous instaino) re ECX = epirobicin , cisplatet (60 mg/m²) as a tec-hour influxion on day 1 every 3 weeks and capocitations 825 mg/m² twice daity with no treatment break) or ECF = epinobicin, cisplator with S-FU (200 mg/m²) daity as a continuous influxion). With regard to the primary analysis in the per-protocol population showed non-interiority for capocitabine. w 5-FU-based arms (inazard ratio 0.86, 95% C1 0.80-0.99) and for oxaliplatin vs. sieplatin-based arms (inazard ratio 0.22, 95% C1 0.80-1.03). Median overall survival of the per-protocol population set of sinomita in the specifiabine-based arms vs. 8.6 monites in the 5-FU-based arms, and 10.0 monites in the cisplatin based arms vs. 10.4 monites in

Neolaín ovaligiatin-based - arms. Neolaín ovaligiatin-based - arms. Neolaín ovariall survival was 11.2 vs 9.3 months on EOX vs. EOF and 9.9 vs. 9.9 months on ECX vs. ECF. Median

progression-free survival was 7.0 (EOX), 6.5 (EOF), 6.7 (ECX) and 6.2 (ECF) months; with corre odine manonta

progression-free survival was 7.0 (EDX), 6.5 (EDF),8.7 (ECX) and 8.2 (ECF) months; with corresponding response initials of 47,9%,4.2%, 4.6.%, and 4.0.7%. Monotherapy - Third line therapy with Capacitabine in locally advanced or metastatic. Breast cancer (after earlier treatment with taxines and anthracyclines are contraindicated) in two phase II studies, a total of 236 smalle patients were treated with capacitabine (1280 mg/m² two daily for 2 weeks tollowed by a week net period). The response raise were 30% (Inst study) and 25% (second study). The average time to progression of the disease was 93 and 98 days and average survival was 384 and 373 days. StatastacTourceTrDS PHARMACOKINETICS

PHARMACOKINETICS The pharmacokinetics of capacitabline have been evaluated over a dose range of 502-3614 mg/mVday. The parameters of capacitabline and the metabolities 5"-decay-5-flucrocyclidine [5"-DFC14] and 5"-decay-5 flucrocyclidine (5"-DFL91) measured on days 1 and 14 were similar. The AUC of 5-FU was 30%-55% higher on day 14 but did not increase subsequently (day 22). At therapeutic doses, the pharmacokinetics of capacitabline and its metabolitas we dose-proportional, except for 5-FU.

Absorption

Assurption Cally administered capecitables is rapidly and completely absorbed through the intestinal muccise as the intact molecule. This is followed by rapid metabolism. Administration with food decreases the rate of capacitable absorption, but has only a sight effect on the area under the curve (AUC) of 5" DFUR, and on the AUC of the subsequent metabolite 5-FU.

aubsequent metabolite 9-FU. After a dose of 1250 mg/m² or day 14 (taken with lood), the pask, plasma concentrations, (C_w in µg/m) for capeotables 5-DFCR, 5-DFUR, 5-FU and α-fluoro 8-telinine (FBAL, metabolite of 5-FU) were 4.47, 3.05, 12.1, 0.95 and 5.46 respective). The time to pask plasma concentration (T_w h) was 1.50, 2.00, 2.00, and 3.34. The AUC_w - values in µg/hm² were 7.75, 7.24, 246, 2.03 and 363. The plasma AUC for 5-FU atter administration of capeotables is some 8-22 times lower than after an intravenous bolus of 5-FU (dose; 600 mg/m²).

in vitro studies with human plasma have shown that capecitabine, 5'-OFCR, 5'-OFUR and 5-FU are respectively 54%, 10%, 82% and 10% bound to protein, principally albumin Metabolism

eeracoursen Cappolabre is first melabolised by hopolic carboxylesterases to 5" discay 5 fluorocytichire (5"DFCR). This is then converted to 5"-discay- 5 fluorourdine (5"-DFCR) by cyldimo elearninase, which is principally located in the liver and timor tassuse. Twither catalytic activation of 5"-DFUR to 5-FU, meladato by tymoride prosphorykaes, takas place

tumor tissues. Further catalytic activation of 5-DPUR to 5-FU, mediated by themidine phosphorylaxe, takes place primarily in the jumor tissue and in the liver. Except for 5-FU, no cytotoxicity was demonstrated in vitro for the metabolites of capacitables. 5-FU is turber catacolized by the enzyme dihydrographimidine dehydrogeness (DPO) to the much toxic dihydro-5-fluorourcal (FUH2). The dihydrographimidinase enzyme charaves the primidine ring to form 5-fluoro-unscipopolos and (FUH2). Finally, Fauntidiopropolase (denours FUH4) on follows (Faultine (FBAL) which is accessed in the unine. Dihydrographimidiae dehydrogenesse (DPO) sciPHIV is the rate-limiting step Deficiency in DPD. can result in increased toxicity of capecitabline ET.

Imminution The elimination half-life of capecitabine and its metabolities 5'-DFCR, 5'-DFUR 5-FU and FBAL is 0.85, 1, 11, 0.88. 0.76 and 3.23 hour respectively. The cape Istered dose) capecitabine (2.9%), 5"-DFCR (7.2%), 5"-DFUR (11.1%), 5-FU (0.54%) and FBAL (57%). Fecal excretion is minimal (2.6%). Pharmacokinetics in special patient populations

Patients with hepatic impairment due to liver metastases Califically reputer the second of the bioexitivation or pharmacokinetics of capecitabine were observed in cancer patients with mile to moderate hepatic impathment due to fiver metastasse. No pharmacokinetic data are available on patients with severe hepatic impatiment.

Patients with renal impairment

macokinetic study in cancer patients with mild to severe renal impairment, there was no evidence of any In a phan

In a prestinacionesis balory in carker paeses with risk to service inter automation, it are want as extension of any affect of creativities desarrance on the phermacokinesis of the interact substance of S-PUL It was observed that creatinine clearance influences the systemic availability of S-DFLR (25% increase in AUC in association with a 50% reduction to readinize clearance) and of FBA 50% reduction in creatinine clearance). The matabolite FBAL has no antiproliferative activity

Elderly patients

Based on the population pharmacokinetic analysis, which included patients with a wide range of ages (27 to 86 taseed on the population pharmacoveries analysis, which inducate parameters when a warning on agency or to so years) and molecular 254 (46%) planting aged 14 sea 55 years, age hance in fillance on the pharmacolivities of 5° JCPUI and 5-PU, The AUC of FBAL; increased with age (20% increase in age results in a 15% increase) in the AUC of FBAL; This increase is probably due to a change in randi function.

here are no data on the pharmacokinetics in child

Kinetics in special populations

Manufactured by: The Arab Pharmaceutical Manufacturing Co. Ltd., Sahab - Jordan For HIKMA Pharmaceuticals, Aminan - Jord

Kneacs in special populations A population pharmacokinetic analysis was carried out after Capacitabline treatment of 505 patients with colo suncer dosed at 1250 me/m² twice daily. Gender, presence or absence of liver motastases at the start of trea A population praimacontratic analysia was cannot our aliano trajectore of liver motastasses at the start of treatm cannor dised at 1250 mg/m² m/sec daily. Gender, presence or advances of liver motastasses at the start of treatm Karnotsky index, total bilindin, serum abumin, ABAT and ALAT had no alatistically significant influence on the pharmacohinetus of 5-DFUR_5-FU and FBAL.

PRECLINICAL DATA

ore Beld w 30*C PRESENTATION

Film Con

Reproduction The administration of capacitable to female mice resulted in impaired fertility; in a 13-week study in male mice, atrophic and degenerative changes to the reproductive organs were observed. In both cases the findings were revenable after a treatment-fee informat. Use other (uncorportimidines, capacitable also showed embryclettial and teratogenic effects (class effect).

PhESta National The Statest Section 2014 and Section 2014

A medicament is a product which affects your health, and its consumption contrary to instructions is dangerous.
Follow the doctor's prescription atricity the method of use and the instructions of the pharmacist who solt the medicament.
The doctor and the pharmacist are expents in medicine, this benefits and take.
Do not by yourable interrupt the period of these prescribed for you.
Do not provide interrupt the period prescription without consulting your doctor.

Keep medicament out of the n

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Film coating: opadry II pink (hypromellose, telc, titanium dioxide, ferric oxide red and ferric oxide yello Council of Arab Health Ministers, Union of Arab Pharmacists THIS IS A MEDICAMENT

This medicine should not be used after the expiry date (EXP) shown on the pack. STORAGE CONDITIONS

Coppositable was not mutagenic in vitro in bacteria (Ames test) or mammalian calls (V79/HPRT) or in vito in the mouse miconucleus test. However, like other nucleoside analogues, capecitables was classogenic in human lymphocyta under in vitro conditions. SPECIA, REMARKS Stability