

## PROFESSIONAL INFORMATION

### SCHEDULING STATUS:

**S3**

#### 1. NAME OF THE MEDICINE

LOXITRIN 60 mg film coated tablets

#### 2. QUALITATIVE AND QUANTITATIVE COMPOSITION

Each film coated tablet contains 60 mg raloxifene hydrochloride, equivalent to 56 mg raloxifene free base. Excipient with known effect: Each tablet contains sugar: lactose monohydrate 1,50 mg For the full list of excipients, see section 6.1.

#### 3. PHARMACEUTICAL FORM

Film coated tablet. White, elliptically tablets with dimensions: 12,6 mm± 0,1 mm, 6,6 mm± 0,1 and thickness 3,5 ± 0,2 mm.

#### 4. CLINICAL PARTICULARS

##### 4.1 Therapeutic indications

LOXITRIN is indicated for the prevention and treatment of osteoporosis in postmenopausal women. Clinical studies have shown a reduction in the incidence of non-traumatic vertebral fractures. The effects of LOXITRIN on the risk for extra-vertebral fractures are not known. To reduce the risk of development of invasive breast cancer in postmenopausal women with osteoporosis. The risk reduction is not applicable to oestrogen receptor negative (ER-) cancers and cancers of unknown oestrogen receptor status.

##### 4.2 Posology and method of administration

**Posology**  
The recommended dosage is one 60 mg LOXITRIN tablet daily by oral administration, which may be taken at any time of the day without regard to meals. Women receiving LOXITRIN should be given supplements of calcium if the daily intake is less than 800 mg per day.

##### **Elderly:**

No dose adjustment is necessary for the elderly.

##### **Hepatic impairment:**

LOXITRIN should not be used in patients with hepatic impairment (see section 4.3 and 4.4).

##### **Renal impairment:**

LOXITRIN should not be used in patients with severe renal impairment (see section 4.3).

##### **Paediatric population:**

LOXITRIN should not be used in children of any age. There is no relevant use of LOXITRIN in the paediatric population.

##### **Method of administration**

For oral use.

#### 4.3 Contraindications

- Hypersensitivity to raloxifene or to any of the excipients of LOXITRIN listed in section 6.1.
- Pregnancy and lactation (see section 4.6).
- Active or past history of venous thromboembolic events (VTE), including deep vein thrombosis, pulmonary embolism and retinal vein thrombosis.
- Hepatic impairment including cholestasis and liver cirrhosis.
- Severe renal impairment.
- Unexplained uterine bleeding.
- LOXITRIN should not be used in patients with signs or symptoms of endometrial cancer as safety in this patient group has not been adequately studied.

#### 4.4 Special warnings and precautions for use

Raloxifene, as in LOXITRIN is associated with an increased risk for venous thromboembolic events (see section 4.3). LOXITRIN should be discontinued in the event of an illness or a condition leading to a prolonged period of immobilisation. Discontinuation should happen as soon as possible in case of the illness, or from 3 days before the immobilisation occurs. Therapy should not be restarted until the initiating condition has resolved and the patient is fully mobile.

In a study of postmenopausal women with documented coronary heart disease or at increased risk for coronary events, raloxifene, as in LOXITRIN did not affect the incidence of myocardial infarction, hospitalised acute coronary syndrome, overall mortality, including overall cardiovascular mortality, or stroke, compared to placebo. However, there was an increase in death due to stroke in women assigned to raloxifene, as in LOXITRIN. The incidence of stroke mortality was 2,2 per 1000 women per year for raloxifene versus 1,5 per 1 000 women per year for placebo (see section 4.8). This finding should be considered when prescribing LOXITRIN for postmenopausal women with a history of stroke or other significant stroke risk factors, such as transient ischaemic attack or atrial fibrillation.

There is no evidence of endometrial proliferation. Any uterine bleeding during LOXITRIN treatment is unexpected and should be fully investigated (see section 4.3). The two most frequent diagnoses associated with uterine bleeding during raloxifene, as in LOXITRIN, treatment were endometrial atrophy and benign endometrial polyps.

The safety of LOXITRIN in patients with breast cancer or endometrial cancer has not been adequately studied. No data are available on the concomitant use of raloxifene, as in LOXITRIN, and medicines used in the treatment of early or advanced breast cancer. Therefore, LOXITRIN should be used for osteoporosis treatment and prevention only after the treatment of breast cancer, including adjuvant therapy, has been completed.

Raloxifene is metabolised primarily in the liver. Single doses of raloxifene, as in LOXITRIN, given to patients with cirrhosis and mild hepatic impairment (Child-Pugh class A) produced plasma concentrations of raloxifene which were approximately 2,5 times the controls. The increase correlated with total bilirubin concentrations. Therefore LOXITRIN is not recommended to be used in patients with hepatic insufficiency (see section 4.3). Serum total bilirubin, gamma-glutamyl transferase, alkaline phosphatase, ALT and AST should be closely monitored during treatment with LOXITRIN if elevated values are observed.

Limited clinical data suggest that in patients with a history of oral oestrogen-induced hypertriglyceridemia (>5,6 mmol/L), raloxifene, as in LOXITRIN, may be associated with a marked increase in serum triglycerides. Patients with this medical history should have serum triglycerides monitored when taking raloxifene LOXITRIN.

As safety information regarding co-administration of raloxifene as in LOXITRIN, with systemic oestrogens is limited, such use is not recommended.

LOXITRIN is not effective in reducing vasodilatation (hot flashes), or other symptoms of the menopause associated with oestrogen deficiency. It should only be used in post-menopausal women (absence of periods for 12 months).

Because of the indirect impact on serum testosterone levels and the potential ability for performance enhancement, raloxifene, as in LOXITRIN, is banned by the World Anti-doping Agency (WADA).

LOXITRIN contains lactose. Patients with rare hereditary problems of galactose intolerance, the Lapp lactase deficiency or glucose-galactose malabsorption should not take LOXITRIN.

#### 4.5 Interactions with other medicines and other forms of interaction

Raloxifene, as in LOXITRIN, should not be co-administered with cholestyramine (or other anion exchange resins), which significantly reduces the absorption and enterohepatic cycling of raloxifene.

Concurrent administration of either calcium carbonate or aluminium and magnesium-hydroxide containing antacids do not affect the systemic exposure of raloxifene, as in LOXITRIN.

Co-administration of raloxifene, as in LOXITRIN and warfarin does not alter the pharmacokinetics of either compound. However, modest decreases in the prothrombin time have been observed, and if LOXITRIN is given concurrently with warfarin or other coumarin derivatives, the prothrombin time should be monitored. Effects on prothrombin time may develop over several weeks if LOXITRIN treatment is started in patients who are already on coumarin anticoagulant therapy.

Raloxifene has no effect on the pharmacokinetics of methylprednisolone given as a single dose. Raloxifene does not affect the steady-state AUC of digoxin. The C<sub>max</sub> of digoxin increased by less than 5 %.

In clinical trials with raloxifene, as in LOXITRIN no interactions were noted with paracetamol, non-steroidal anti-inflammatory drugs (such as acetylsalicylic acid, ibuprofen, and naproxen), oral antibiotics, H1 antagonists, H2 antagonists, and benzodiazepines. No clinically relevant effects of the co-administration of the medicines on raloxifene plasma concentrations were identified.

No interaction was noted with vaginal oestrogen preparations in clinical studies of raloxifene, as in LOXITRIN. Compared to placebo there was no increased use in raloxifene treated patients.

Safety information regarding the concurrent use of LOXITRIN and systemic hormone therapy (oestrogen without progesterone) is limited. And therefore, concomitant use of LOXITRIN with systemic oestrogen is not recommended.

*In vitro*, raloxifene did not interact with the binding of warfarin, phenytoin, or tamoxifen.

Peak concentrations of raloxifene are reduced with co-administration with ampicillin. Since the overall extent of absorption and the elimination rate of raloxifene are not affected, LOXITRIN can be concurrently administered with ampicillin.

Raloxifene modestly increases hormone-binding globulin concentrations, including sex steroid binding globulins (SHBG), thyroxine binding globulin (TBG), and corticosteroid binding globulin (CBG), with corresponding increases in total hormone concentrations. There is no evidence that these changes affect concentrations of the corresponding free hormones.

#### 4.6 Fertility, pregnancy and lactation

##### Women of childbearing potential

LOXITRIN is only for use in postmenopausal women and must not be taken by women of childbearing potential. If LOXITRIN is used during pregnancy it may be associated with an increased risk of congenital defects in the foetus.

##### **Pregnancy**

LOXITRIN is contraindicated during pregnancy (see section 4.3). LOXITRIN must not be taken by women of child-bearing potential. Raloxifene, as in LOXITRIN may cause foetal harm when administered to a pregnant woman. If this medicine is used mistakenly during pregnancy or the patient becomes pregnant while taking it, the patient should be informed of the potential hazard to the foetus (see section 5.3).

##### **Breast-feeding**

LOXITRIN is contraindicated during lactation (see section 4.3). It is unknown whether LOXITRIN is excreted in human milk. A risk to newborns/infants cannot be excluded. Its clinical use, therefore, cannot be recommended in breast-feeding women. LOXITRIN may affect the development of the baby.

#### 4.7 Effects on ability to drive and use machines

Raloxifene has no or negligible influence on the ability to drive and use machines.

#### 4.8 Undesirable effects

##### a. Summary of the safety profile

The clinically most important adverse reactions reported in postmenopausal women treated with LOXITRIN were venous thromboembolic events (see section 4.4).

##### b. Tabulated summary of adverse reactions

System Organ Class	Frequency	Adverse Event
Blood and lymphatic system disorders	Less frequent	Thrombocytopenia
Nervous system disorders	Frequent	Headache, including migraine
	Less frequent	Fatal strokes
Vascular disorders	Frequent	Vasodilation (hot flushes)
	Less frequent	Venous thromboembolic events, including deep vein thrombosis, pulmonary embolism, retinal vein thrombosis, superficial vein thrombophlebitis, Arterial thromboembolic reactions
Gastrointestinal disorders	Frequent	Gastrointestinal symptoms such as nausea, vomiting, abdominal pain, dyspepsia
Hepato-biliary disorders	Frequent	Cholelithiasis
Skin and subcutaneous tissue disorders	Frequent	Rash
Musculoskeletal and connective tissue disorders	Frequent	Leg cramps
Reproductive system and breast disorders	Frequent	Breast symptoms such as pain, enlargement and tenderness
General disorders and administration site conditions	Frequent	Flu syndrome, Peripheral oedema
Investigations	Frequent	Increased blood pressure
	Frequency unknown	Increase in serum triglycerides, increases in AST and/or ALT, decrease in serum fibrinogen.

##### **Reporting of suspected adverse reactions**

Reporting suspected adverse reactions after authorisation of the medicine is important. It allows continued monitoring of the benefit/risk balance of the medicine. Healthcare professionals are asked to report any suspected adverse reactions to SAHPRA via the '6.04 Adverse Drug Reaction Reporting Form', found online under SAHPRA's publications: <https://www.sahpra.org.za/Publications/Index/8>

#### 4.9 Overdose

In some clinical trials, daily doses were given up to 600 mg for 8 weeks and 120 mg, for 3 years. No cases of raloxifene overdose were reported during clinical trials.

In adults, symptoms of leg cramps and dizziness have been reported in patients who took more than 120 mg as a single ingestion. In some cases, no adverse events were reported as a result of the overdose.

In accidental overdose in children younger than 2 years of age, the maximum reported dose was 180 mg. In children, symptoms reported included ataxia, dizziness, vomiting, rash, diarrhoea, tremor, and flushing, and elevation in alkaline phosphatase.

There is no specific antidote for LOXITRIN. Treatment is symptomatic and supportive.

## 5. PHARMACOLOGICAL PROPERTIES

### 5.1 Pharmacodynamic properties

Category and class: A 21.13 Others  
Pharmacotherapeutic group: Selective Oestrogen Receptor Modulator, ATC code: G03XC01.  
Raloxifene is a non-steroidal benzoxazine derivative which acts as a Selective Oestrogen Receptor Modulator (SERM). The selective profile of raloxifene includes oestrogen agonist effects on bone and lipids and oestrogen antagonist effects in breast and uterine tissues.

**Skeletal effects:** Raloxifene reduces the resorption of bone and decreases overall bone turnover. In clinical trials in women who were 2 to 8 years postmenopausal, raloxifene 60 mg per day produced significant increases in bone mineral density (BMD) of hip and spine as well as total body mineral mass compared to placebo. Bone quality was maintained during these trials. Treatment with raloxifene for three years in postmenopausal women with a mean age of 66 years and with osteoporosis reduced the incidence of vertebral fractures.

**Effects on lipid metabolism:** In clinical trials, raloxifene decreased serum total cholesterol and LDL cholesterol without significant effects on serum total HDL cholesterol or triglycerides. Raloxifene increased serum HDL-2 cholesterol and apolipoprotein A1, while serum fibrinogen, apolipoprotein B and lipoprotein(a) were decreased.

**Effects on the endometrium:** Raloxifene was not associated with endometrial thickening (see section 4.4).

**Effects on breast tissue:** Raloxifene has no stimulatory effect on breast tissue. Across all placebo-controlled trials, raloxifene was indistinguishable from placebo with regard to frequency and severity of breast symptoms. A reduction in the risk to develop invasive breast cancer has been reported in postmenopausal women with osteoporosis who were treated with raloxifene. The reduction in the risk to develop breast cancer is not applicable to oestrogen receptor negative (ER-) cancers and cancers of unknown oestrogen receptor status.

### 5.2 Pharmacokinetic properties

**Absorption:** Approximately 60 % of an oral dose is absorbed. Pre-systemic glucuronidation is extensive. Absolute bioavailability of raloxifene is 2 %.

**Distribution:** Raloxifene is distributed extensively in the body. The volume of distribution is not dose-dependent.  
Raloxifene and the monoglucuronide conjugates are highly bound to plasma proteins, including both albumin and a-1-acid-glycoprotein.

**Metabolism:** Raloxifene undergoes extensive first pass metabolism to glucuronide conjugates. Raloxifene levels are maintained by enterohepatic recycling, giving a plasma half-life of 27,7 hours.

**Excretion:** The majority of a dose of raloxifene and glucuronide metabolites are excreted within 5 days and are found primarily in the faeces, with less than 6 % excreted in the urine.

##### **Special populations:**

**Renal insufficiency:** See 'Excretion' above.

##### **Hepatic insufficiency:**

Raloxifene is metabolised primarily in the liver. Safety and efficacy of raloxifene has not been studied in patients with impaired liver function. Raloxifene was studied as a single dose in patients with Child-Pugh Class A cirrhosis with a total serum bilirubin ranging from 10,3 to 34,2 µmol/L. Plasma concentrations were approximately 2,5 times higher than in controls and correlated with total bilirubin concentrations.

## 6 PHARMACEUTICAL PARTICULARS

### 6.1 List of excipients

Sodium starch glycolate,  
Citric acid monohydrate,  
Microcrystalline cellulose,  
Dibasic calcium phosphate,  
Poloxamer 407,  
Magnesium stearate,  
Titanium dioxide (E171),  
Lactose monohydrate,  
Hypromellose (E464) and  
Macrogol.

### 6.2 Incompatibilities

Not applicable.

### 6.3 Shelf life

36 months.

### 6.4 Special precautions for storage

Store below 25 °C.

### 6.5 Nature and contents of container

LOXITRIN is packed in transparent PVC/PE/PVDC blister with aluminium foil. The blister strips are packed in cartons.

Pack sizes:  
7, 14, and 28 film coated tablets.  
Not all packs and pack sizes may be marketed.

**6.6 Special precautions for disposal and other handling of the product**  
No special requirements.

## 7. HOLDER OF CERTIFICATE OF REGISTRATION

Trinity Pharma (Pty) Ltd

106, 16th Road,  
Midrand,  
1686,  
South Africa.

## 8. REGISTRATION NUMBER(S)

LOXITRIN: 49/21.13/0673

## 9. DATE OF FIRST AUTHORISATION/RENEWAL OF THE AUTHORISATION

26 June 2022

## 10. DATE OF REVISION OF THE TEXT

N.A

## PROFESSIONELE INLICHTING

### SKEDULERINGSSTATUS:

**S3**

#### 1. NAAM VAN DIE MEDISYNE

LOXITRIN 60 mg filmbedekte tablette

#### 2. KWALITEITIEVE EN KWANTITATIEWE SAMESTELLING

Elke filmbedekte tablet bevat 60 mg raloksifeenhydrochloried, gelykstaande aan 56 mg raloksifeen vrye basis.  
Hulpstof met bekende effek:  
Elke tablet bevat suiker: laktosemonohidraat 1,50 mg  
Vir die volledige lys van hulpstowwe, sien afdeling 6.1.

#### 3. FARMASEUTIESE VORM

Filmbedekte tablet. Wit, elliptiese tablette met demensies: 12,6 mm± 0,1 mm, 6,6 mm± 0,1 en dikte 3,5 ± 0,2 mm.

#### 4. KLINIESE BESONDERHEDE

##### 4.1 Terapeutiese indikasies

LOXITRIN word aangedui vir die voorkoming van osteoporose in postmenopousale vroue. Kliniese studies het 'n verminderde insidensie van nie-traumatese vertebrale frakture aangetoon. Die effekte van LOXITRIN op die risiko vir ekstra-vertebrale frakture is nie bekend nie. Om die risiko van indringende borskanker te verminder by postmenopousale vroue met osteoporose. Die risikovermindering is nie van toepassing op estrogenreceptor-negatiewe (ER-) kankers en kankers van onbekende estrogenreceptorstatus nie.

##### 4.2 Posologie en metode van toediening

**Posologie**  
Die aanbevole dosis is een 60 mg LOXITRIN tablet daagliks met orale toediening, wat enige tyd van die dag geneem mag word sonder inagneming van maaltye. Vroue wat LOXITRIN ontvang, moet kalsiumaanvullings ontvang indien die daaglikse inname minder is as 800 mg per dag.

##### **Bejaardes:**

Geen dosisaanpassing by bejaardes is nodig nie.

##### **Hepatiese inorkting:**

LOXITRIN moet nie by pasiënte met hepatese inorkting gebruik word nie (sien afdeling 4.3 en 4.4).

##### **Renale inorkting:**

LOXITRIN moet nie by pasiënte met erge renale inorkting gebruik word nie (sien afdeling 4.3).

##### **Pediatriese populasie:**

LOXITRIN moet nie by kinders van enige ouderdom gebruik word nie. Daar is geen relevante gebruik van LOXITRIN in die pediatriese populasie nie.

##### **Metode van toediening**

Vir orale gebruik.

#### 4.3 Kontraindikasies

- Hipersensitieweit teenoor raloksifeen of enige van die hulpstowwe van LOXITRIN gelys in afdeling 6.1.
- Swangerskap en laktasie (sien afdeling 4.6)
- Aktiewe- of geskiedenis van vorige veniese tromboëmbolie insidente (VTI), insluitend diepvena-trombose, pulmonêre embolisme en trombose van die retinae vene.
- Hepatiese inorkting, insluitend cholestase en lewersirroose.
- Erge renale inorkting.
- Onverklaarbare uteriene bloeding.
- LOXITRIN moet nie by pasiënte met tekens of simptome van endometriële kanker gebruik word nie, aangesien die veiligheid in hierdie pasiënt groep nie voldoende bestudeer is nie.

#### 4.4 Spesiale waarskuwings en voorsorgmaatreëls vir gebruik

Raloksifeen, as in LOXITRIN word geassosieer met 'n verhoogde risiko van tromboëmbolie insidente (sien afdeling 4.3). LOXITRIN moet nie gebruik word in geval van siekte of 'n beskadig wat lei tot 'n verlengde periode van immobilisering. Staking moet plaasvind so gou as moontlik tydens siekte, of 3 dae voor immobilisasie begin. Behandeling moet nie hervat word totdat die insidierende toestand opgeluk het en die pasiënt weer volledig mobil is nie.

In 'n studie van postmenopousale vroue met gedokumenteerde koronêre hartsiektes of 'n verhoogde risiko van koronêre insidente, het raloksifeen, soos in LOXITRIN, nie die voorkoms beïnvloed van mio-kardiale infarctie, gehospitaliseerde akute koronêre sindroom, algehele mortaliteit, insluitend algehele kardiovaskulêre mortaliteit, of beroerte, in vergelyking met placebo, nie. Daar was egter 'n toename in die sterftes as gevolg van beroerte by vroue wat aan raloksifeen, soos in LOXITRIN, gealkoer was. Die insidensie van beroerte mortaliteit was 2,2 per 1 000 vroue per jaar vir raloksifeen teenoor 1,5 per 1 000 vroue per jaar vir placebo (sien afdeling 4.8). Hierdie bevinding moet oorweeg word wanneer LOXITRIN voorgeskryf word by postmenopousale vroue met 'n geskiedenis van beroerte of ander beduidende beroerte-risikofaktore, soos kortstondige iskremie aanval of atriale fibrillasie. Daar is geen bewyse van endometriële proliferasie nie. Enige uteriene bloeding tydens LOXITRIN behandeling is onverwags en moet net volle ondersoek word (sien afdeling 4.3). Die twee mees algemeenste diagnoses wat geassosieer word met uteriene bloeding tydens raloksifeen, soos in LOXITRIN, behandeling is endometriële atrofie en benignie endometriële polipe.

Die veiligheid van LOXITRIN by pasiënte met borskanker of endometriële kanker is nie voldoende bestudeer nie. Geen data is beskikbaar oor die gesamentlike gebruik van raloksifeen, soos in LOXITRIN, en medisyne wat gebruik word vir die behandeling van vroeë of gevorderde borskanker nie. Dus, LOXITRIN moet gebruik word vir osteoporose-behandeling en -voorkoming slegs nadat die behandeling van borskanker, insluitend aanvullende terapie, voltooi is.

Raloksifeen word hoofsaaklik in die lewer gemetaboliseer. Enkel dosisse raloksifeen, soos in LOXITRIN, gegee aan pasiënte met sirose en ligte hepatese inorkting (Child-Pugh klas A) het plasmakonsentrasies van raloksifeen geproduseer wat ongeveer 2,5 keer die van die kontroles was. Die toename het gekor-releer met totale bilirubinkonsentrasies. Daarom word LOXITRIN nie aanbeveel om gebruik te word by pasiënte met hepatese ontoereikendheid nie (sien afdeling 4.3). Serum totale bilirubien, gammaglut-a-mieltransferease, alkalienfosfatase, ALT en AST moet noukeurig gemonit word tydens behandeling met LOXITRIN indien verhoogde waardes waargeneem word.

Beperkte kliniese data stel voor dat by pasiënte met 'n geskiedenis van orale estrogen-geïnduseerde hipertiglyceridemie (>5,6 mmol/L), raloksifeen, soos in LOXITRIN, geassosieer kan word met 'n duide-likse toename in serum trigliesterid. Pasiënte met hierdie mediese geskiedenis se serum trigliesterid moet gemonit word wanneer raloksifeen, LOXITRIN geneem word.

Aangesien veiligheidsinligting rakende die gesamentlike toediening van raloksifeen, soos in LOXITRIN, met sistemiese estrogene beperk is, word sodanige gebruik nie aanbeveel nie.

LOXITRIN is nie effektief in die vermindering van vasodilatatie (swam gloede) of ander simptome van menopause wat geassosieer word met estrogenontekort nie. Dit moet slegs gebruik word in postmenopou-sale vroue (afwesigheid van maandstondes vir 12 maande).

Vanweë die indirekte impak op serum testosteroonvlakke en die potensieël vermoe om 'n mens beter te laat presteer, word raloksifeen, soos in LOXITRIN, deur die **Wêreld Anti Doping Agentskap** (WADA) verbied.

LOXITRIN bevat laktose. Pasiënte met seldsame oorerflikke probleme van galaktose-onverdraagsaam-heid, die Lapp-laktase tekort of glukose-galaktose wanabsorpsie moet nie LOXITRIN neem nie.

#### 4.5 Interaksie met ander medisyne en ander vorme van interaksie

Raloksifeen, soos in LOXITRIN, moet nie saam met cholesteroltram (of ander anioon-uitruilingsharse), wat die opname en enterohepatese sirkulasie van raloksifeen aansienlik verminder, toegedien word nie.

Gelyktydige toediening van kalsiumkarbonaat- of aluminium- en magnesiumhidrosied-bevattende teen-suurmiddels, beïnvloed nie die sistemiese blootstelling van raloksifeen, soos in LOXITRIN, nie.

Gesamentlike toediening van raloksifeen, soos in LOXITRIN en warfarin verander nie die farmakokine-tika van enige van die samestellings nie. Daar is egter matige afnames in die protrombientyd waargee-nem, en indien LOXITRIN gelyktydig met warfarin of ander kumarinderivatie gegee word, moet die pro-trombientyd gemonit word. Effekte op protrombientyd kan oor 'n paar weke ontwikkel indien LOXITRIN behandeling begin word by pasiënte wat reeds op kumarin-antikoagulanterapie is.

Raloksifeen het geen effek op die farmakokinetika van metielprednisoloon wat as 'n enkele dosis gegee word. Daar is geen effek op die farmakokinetika van metielprednisoloon wat as 'n enkele dosis gegee word. Raloksifeen beïnvloed nie die gelykvlak AOK van digoksin nie. Die K<sub>max</sub> van digoksin het met minder as 5 % gestyg.

In kliniese proewe met raloksifeen, soos in LOXITRIN was daar geen interaksies waargeneem met parasetamol, nie-steroidale anti-inflammatoriese middels (soos aasietisaliselsuur, ibuprofen en naproksen), orale antibiotika, H1 antagoniste, H2 antagoniste en bensodiazepiene nie. Geen klinies relevante effekte van die gelyke toediening van hierdie medisyne op die plasmakonsentrasies van raloksifeen was geïden-tifiseer nie.

Geen interaksie was opgemerk met vaginale estrogenpreparate in kliniese studies van raloksifeen, soos in LOXITRIN, nie. In vergelyking met placebo, was daar geen toenemende gebruik by pasiënte wat met raloksifeen behandel was nie.

Veiligheidsinligting rakende die gelyktydige gebruik van LOXITRIN en sistemiese hormoonterapie (estrogene sonder progesteron) is beperk. En daarom word gelyktydige gebruik van LOXITRIN met sistemiese estrogene nie aanbeveel nie.

*In vitro* het raloksifeen geen interaksie met die binding van warfarin, fenitoin of tamokifeen gehad nie.

Piekkonsentrasies van raloksifeen word verminder met die gesamentlike toediening van ampicillin. Aange-sien die algehele omvang van absorpsie en die eliminasietyempo van raloksifeen nie beïnvloed word nie, kan LOXITRIN gelyktydig met ampicillin toegedien word.