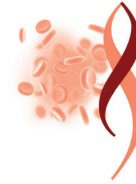


Dear Fellow CML Patient:



The Chronic Myelogenous Leukemia
Society of Canada
La Société de la Leucémie Myéloïde
chronique du Canada

This chart contains a comprehensive list of all known drugs and food that have the potential to interact with Tyrosine Kinase Inhibitors such as Gleevec®, Sprycel® and Tascigna®. It is always very important to make sure your doctor knows what other drugs you may be taking other than your primary drug to treat your CML. Inadvertently combining TKI's with any of the food or drugs on this list may have some consequences such as preventing you responding to drug therapy and/or experiencing additional side effects. Please bring this chart with you on your next doctor's visit and review the list with your doctor if you have any concerns.

1 POTENTIAL TO PROLONG THE QT INTERVAL

Anti-arrhythmic drugs

Amiodarone
Disopyramide
Procainamide
Quinidine
Sotalol

Other drugs

Chloroquine
Halofantrine
Clarithromycin
Haloperidol
Methadone
Anthracycline *(at cumulative high-dose)*

2 POTENTIAL TO INCREASE PLASMA CONCENTRATIONS*

CYP-3A4 inhibitors ▲

Antifungals

Ketoconazole
Itraconazole
Fluconazole
Voriconazole
Terbinafine

Antibiotics *(macrolides)*

Erythromycin
Clarithromycin
Troleandomycin
Telithromycin

Antibiotics *(Fluoroquinolones)*

ciprofloxacin

norfloxacin

Antivirals

Atazanavir
Indinavir,
Nefazodone
Nelfinavir

Ritonavir,
Saquinavir
Delavirdine

Antidepressants

Fluvoxamine
Nefazodone
Norfluoxetine)

Antineoplastics

Vinblastine

Vincristine

Vinorelbine

Doxorubicin

Others

Isoniazid

Diltiazem

Mifepristone

Cimetidine *H2 Receptor Antagonists*

Ranitidine *H2 Receptor Antagonists*

Quinidine *H2 Receptor Antagonists*

Amiodarone *H2 Receptor Antagonists*

3 POTENTIAL TO DECREASE PLASMA CONCENTRATIONS*

CYP-3A4 inducers ▼

Glucocorticoids

Dexamethasone

Antibiotics

Rifampin
Rifabutin

Antivirals

Efavirenz
Nevirapine
Etravirine

Anticonvulsants

Carbamazepine
Phenytoin

Barbiturates

Phenobarbital

Oral Hypoglycemics

Pioglitazone
Troglitazone

4 DRUGS WHOSE PLASMA CONCENTRATIONS MAY BE AFFECTED (INCREASE) ▲

Benzodiazepines	Calcium Channel Blockers	Antineoplastics
Alprazolam	Amlodipine	Taxol
Diazepam	Diltiazem	Vincristine
Midazolam	Felodipine	Irinotecan
Triazolam	Nifedipine	Others
Immunomodulators	Verapamil	Tamoxifen
Cyclosporine	HMG-COA Reductase Inhibitors	Warfarin
Tacrolimus	Atorvastatin	Sildenafil
Sirolimus	Lovastatin	Methadone
Prokinetic	Simvastatin	Clopidogrel
Cisapride	Oral Contraceptives	Dextromethorphan
Antihistamines	Analgesics	Trazodone
Chlorpheniramine	Acetaminophen	Quetiapine
	Codeine	

5 DRUGS WHOSE PLASMA CONCENTRATIONS MAY BE AFFECTED (DECREASE) ▼

Levothyroxine

6 VACCINES ^{1,2}

Flu vaccine or any other

(Interferon-inducer)

During the immediate period following vaccines administration:

1. Patient antibody response to a vaccine may be decreased.

2. Immunization of patients on Gleevec should be done with extreme caution and not with live virus vaccine.

7 HERBAL PRODUCTS INTERACTIONS

(Decrease)▼

St. Johns Wort

(Increase)▲

Kava-kava (*Piper methysticum*)

Goldenseal (*Hydrastis canadensis*)

Cat's claw (*Uncaria tomentosa*)

(Increase)▲

Black cohosh (*cimicifuga racemosa*)

Milk Thistle (*Silymarin*)

Valerian root (*Valeriana officinalis*)

8 HERBAL PRODUCTS MAY EITHER (INCREASE OR DECREASE)▲▼

More studies are needed to determine the exact effects. Do not consume large quantities of these herbals.

Ginkgo (*Gingko biloba*)

Garlic (*Allium sativum L.*)

Saw palmetto (*Serenoa repens*)

Siberian ginseng (*Eleutherococcus senticosus*)

Teas (*dandelion, peppermint, chamomile*)

Green Tea (*camellia sinensis*)

Ginseng (*Panax spp*)

Dong quai (*Angelica sinensis*)

Glucosamine chondroitin

Genistein (*isoflavinoid*)

9 FOOD THAT MAY INCREASE TKI PLASMA ▲ (blood serum levels)

Star Fruit

Piperince

Grapefruit

Pomegranate

Seville Oranges

Blood Oranges

Cafestol (*found in high concentrations in unfiltered coffee drinks*)

This chart has been compiled with the collaboration of the medical departments at both Bristol Myers Squibb and Novartis Oncology.

It was reviewed by our Medical Advisors and Patient Advisory Board Members, and will be updated on a regular basis.

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