



SPMC Verapamil Tablets BP 40 mg

PRESENTATION:

Verapamil Tablets BP 40 mg,

Bulk pack -500'S & 1000 tablets,

Pink, circular, Biconvex Film coated tablets impressed "SPMC" on either side of a central division line on the reverse. Each tablet contains 40 mg of Verapamil Hydrochloride BP.

ACTION:

Verapamil inhibits entry of Ca ions into the slow channels or select voltage-sensitive areas of vascular smooth muscle and myocardium during depolarization. It relaxes coronary vascular smooth muscle and coronary vasodilation, increases myocardial oxygen delivery, and slows automaticity and AV node conduction.

INDICATIONS AND DOSE:

Treatment of supraventricular arrhythmias

Adult: 40–120 mg 3 times a day

Angina

Adult: 80–120 mg 3 times a day

Hypertension

Adult: 240–480 mg daily in 2–3 divided doses

Prophylaxis of cluster headache (initiated under specialist supervision)

Adult: 240–960 mg daily in 3–4 divided doses

SIDE EFFECTS:

GENERAL SIDE-EFFECTS

Common or very common

Hypotension

Frequency not known

Atrioventricular block. extrapyramidal symptoms. gynecomastia. Stevens- Johnson syndrome. vertigo

SPECIFIC SIDE-EFFECTS

Common or very common

With intravenous use Bradycardia

Frequency not known

With intravenous use Cardiac arrest. hepatic impairment. hyperhidrosis. myocardial contractility decreased. nervousness. seizure

Frequency not known

With oral use Abdominal discomfort.

alopecia. Arrhythmias arthralgia.

constipation. erythromelalgia. fatigue.

galactorrhoea . heart failure. ileus. muscle

weakness. tinnitus. tremor

HEPATIC IMPAIRMENT:

Dose adjustments with oral use Manufacturer advises dose reduction

CAUTIONS:

Acute phase of myocardial infarction (avoid if bradycardia, hypotension, left ventricular failure) . first degree AV block. neuromuscular disorders

CAUTIONS, FURTHER INFORMATION

Elderly Prescription potentially inappropriate (STOPP criteria) in patients with NYHA Class III or IV heart failure (May worsen heart failure). See also Prescribing in the elderly

CONTRAINDICATION:

Cardiogenic shock, hypotension (systolic pressure <90 mmHg), marked bradycardia, uncompensated heart failure, 2nd- or 3rd-

degree AV block (unless pacemaker is fitted), sick-sinus syndrome, severe ventricular dysfunction, atrial flutter or atrial fibrillation and accessory bypass tract (e.g., Wolff-Parkinson-White, Lown-Ganong-Levine syndromes).

PREGNANCY:

May reduce uterine blood flow with fetal hypoxia. Manufacturer advises avoid in first trimester unless absolutely necessary. May inhibit labour.

BREAST FEEDING:

Amount too small to be harmful.

DRUG INTERACTIONS:

May increase plasma level with CYP3A4 inhibitors (e.g., erythromycin, ritonavir), cimetidine. May decrease plasma level with CYP3A4 inducers (e.g., rifampicin), phenobarbital, sulfinpyrazone. Increased risk of bleeding with aspirin. May increase bradycardic and hypotensive effect with telithromycin. Increased AV blocking effect with clonidine. May increase plasma level of cardiac glycosides (e.g., digoxin, digitoxin), β -blockers (e.g., propranolol, metoprolol), α -blockers (e.g., terazosin, prazosin), immunosuppressants (e.g., sirolimus, ciclosporin, tacrolimus, everolimus), lipid lowering agents (e.g., lovastatin, simvastatin, atorvastatin), colchicines, quinidine, carbamazepine, imipramine, glibenclamide, doxorubicin, midazolam, buspirone, almotriptan, theophylline. May potentiate hypotensive effect with diuretics, antihypertensives, vasodilators. May increase neurotoxic effect of lithium.

FOOD INTERACTION:

Increased plasma levels with grapefruit juice. May increase plasma level of alcohol. Decreased plasma levels with St John's wort.

MONITORING PARAMETERS:

Monitor BP, heart rate, ECG, LFTs (periodically).

OVERDOSAGE:

Symptoms:

Bradycardia, hypotension, conduction abnormalities, hyperglycaemia, hyperkalaemia, metabolic acidosis, renal dysfunction, seizures, impaired conduction, ECG changes, arrhythmias, shock, altered mental status, cardiac arrest.

Management:

Symptomatic and supportive treatment. Place patient Trendelenburg's position and admin IV fluids. Hypotension may be treated with IV Ca salts or vasopressor agent. Bradycardia or fixed 2nd- or 3rd-degree AV block may be treated with norepinephrine, IV atropine, isoproterenol, Ca salt or a temporary cardiac pacemaker. Consider endoscopy in cases of large overdoses.

STORAGE:

Keep tightly closed in cool and dry place. Store below 30°C. in the original package in order to protect from light and moisture.

Keep all medicines away from children.

Manufactured by:
State Pharmaceuticals Manufacturing Corporation
No.11, Sir Jone Kotalawala Mawatha, Kadawala Estate, Ratmalana, Sri Lanka.