NEW PRODUCT NEWSLETTER

An overview of new products launched in 2nd Quadruple, 2025

Opsonin

Opsonin Pharma

Ideas for healthcare

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New Product Management
Opsonin Pharma Ltd.

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Abstract

Ferrous Ascorbate: Current Clinical Place of Therapy in the Management of Iron Deficiency Anemia

Narendra Malhotra, Alka Kriplani, Bhaskar Pal , Vidya Bhat , Onkar Swami.

Federation of Obstetrics and Gynaecology, India.

Iron deficiency anemia (IDA) is a major public health problem in India. Iron deficiency can easily be corrected with iron supplementations. Oral iron preparations are used for mild to moderate anemia and available for the supplementation of iron including ferrous sulfate, fumarate, gluconate, glutamate, succinate, and lactate, and the reference product of ferrous ascorbate. In clinical practice, ferrous ascorbate is the most widely prescribed oral iron supplement as it has a good efficacy and is well tolerated in both adults and children. Ferrous ascorbate has a better bioavailability, as high as 67%, and utilization of iron when compared to other iron preparations, including sucrosomial iron. Ferrous ascorbate lacks food interactions and can be administered without regard to food. Ferrous ascorbate is a stable chelate that does not dissociate in the gastrointestinal tract. Higher absorption of iron from ferrous ascorbate can be explained by the ascorbate component that prevents oxidation of the iron to a ferric state. A mean rise in hemoglobin (Hb) greater than 5.0 g/dL in 60 days and greater than 2.0 g/dL within 45 days is reported with once-daily therapy of ferrous ascorbate. Ferrous ascorbate is also efficacious for the prophylaxis of anemia in patients who undergo surgical procedures. Ferrous ascorbate is more effective than ferrous sulfate or carbonyl iron for the treatment of IDA. Thus, ferrous ascorbate has an important place in the clinical management of IDA in real-life scenarios.

Reference: Journal of South Asian Federation of Obstetrics and Gynaecology, Volume 13 Issue 3 (May–June 2021)

Abstract

Treatment of Peptic Ulcer Disease with Sucralfate.

Richard Hunt

Division of Gastroenterology, McMaster University Medical Center, Hamilton Ontario, Canada.

Sucralfate has been used widely for the treatment of peptic ulcer. Healing rates for duodenal ulcer range from 60 to 90% at 4-6 weeks and up to 90% at 12 weeks for gastric ulcer. The small number of maintenance trials suggest that relapse of duodenal ulcer is reduced comparably to H_2 receptor antagonists. There has been considerable interest in the possibility of lower relapse ratios after initial healing with sucralfate compared with H_2 receptor antagonists, but more studies of the possible mechanisms as well as larger trials are still needed to confirm these observations. controlled trials of pharmacotherapies for duo-denal ulcers show healing rates with sucralfate, 1 g qid, to be clearly superior to placebo at 4-6 weeks, with healing rates ranging between 60% and 90%. However, only half the trials showed significance-most commonly because of small numbers of patients enrolled in each arm of the study, resulting in a type II error.

Reference: The American Journal of Medicine Volume 91.

Opsonin Introduces

Zein Nanoparticle Technology With SUBA

Azonox® ULTRA

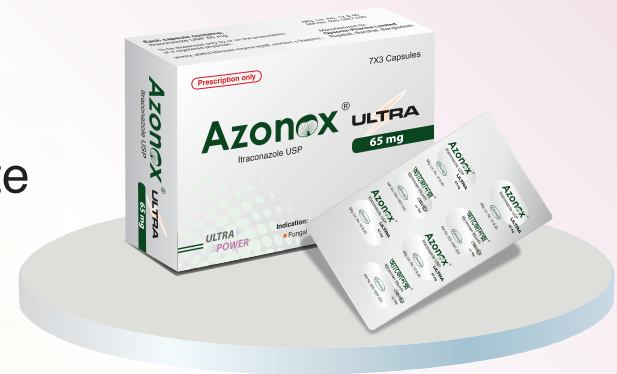
Itraconazole USP

1st TIME IN BANGLADESH

65 mg Capsule

Advance delivery, Maximum efficacy

- Absorption is more than SUBA
- Drug concentration is more in the site of infection than SUBA
- Can be taken with or without food



Oral Ivermectin

The Sure-Shot Alternative Option in Resistant Scabies Manifestation

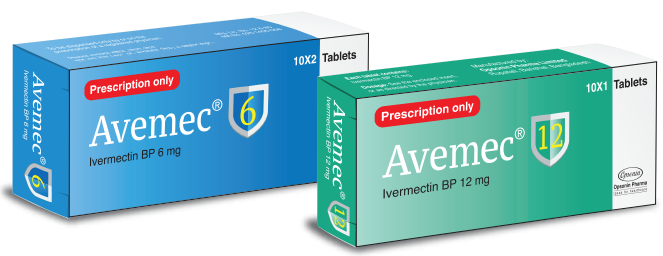
Opsonin Introduces

Avemec®

6 mg Tablet
12 mg Tablet

Ivermectin BP

Brings hope in parasitic infection



- Effective against resistant cases
- Reaches mites even in hidden areas
- Convenient for all ages

Abstract

A study to evaluate the efficacy of cranberry extract supplements in prevention of recurrent urinary tract infections in female patients.

Anju P. C, Syama Gopinath, John Wesley, Prasobh G. R

Department of Pharmacy Practice, Principal, Sree Krishna College of Pharmacy and Research Centre, Trivandrum, Kerala, India.

Recurrence of urinary tract infections (UTI) are either due to re infection or relapse. Overall likelihood of developing UTI is approximately 30 times higher in women than men due to their anatomical peculiarities. The objective was to evaluate efficacy of cranberry extract supplementations in prevention of recurrent UTI in female patients, assess the quality of life of patients, medication adherence of patients and effect of patient counselling. A prospective observational study was carried out for a period of 6 months and samples were taken from the Urology Department of Cosmopolitan Hospital, Trivandrum, Kerala. The selected patients were administered with cranberry extract supplements after their regular Antibiotic therapy and were observed for recurrence for a period of six months. Three follow ups were taken and the betterment was assessed using the score from prepared performance.84 patients were analysed and among them we observed and concluded that 86.9% of patients were free of recurrent infection. Study shows that E. coli was the commonest infectious organism causing UTI. In this study the most commonly observed symptom of UTI was lower abdominal pain and the most common co morbidity was DM. Through this study it was concluded that the cranberry extract supplements significantly reduced the recurrence of UTI in women. Since the antibiotic prophylaxis is having the risk of developing resistance and side effects, the cranberry extract supplements can be suggested as a best alternative to antibiotics in recurrent UTI prophylaxis.

For the effective and immediate management of Convulsive Status Epilepticus (CSE)

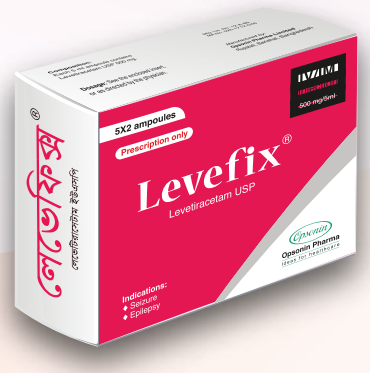
Opsonin Introduces

Levefix®

500 mg/5 ml
Injection

Levetiracetam USP

Ceases the sequence of Seizures



- Effective injectable in Convulsive Status Epilepticus (CSE) emergency
- Does not affect normal synaptic transmission
- Safe & well tolerated

Indicated for Parkinsonism & Extrapyramidal Symptoms

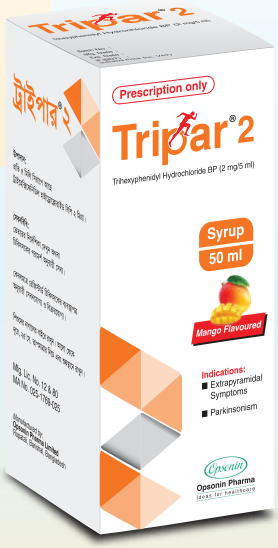
Opsonin Introduces

Tripar®

Trihexyphenidyl Hydrochloride BP

50 ml (2 mg/ 5 ml)
Syrup

Balances the Imbalances



- Fastest onset (one minute or one hour) and longer duration of action (12 hours)
- Reduces Hypersalivation in both children and adults
- Can be used as monotherapy or adjunct therapy for movement disorders

℞ Sialorrhea/ Drooling (Hypersalivation)

Abstract

Adjunctive Agent for Treating Scabies: In vitro Killing Activity of Permethrin and Tea Tree Oil on Sarcoptes scabiei Collected from Patients.

Dr. Aslan Yürekli

Kuşadası Public Hospital, Clinic of Dermatology, Aydın, Turkey.

Recently, there has been a serious increase in cases of scabies. The number of patients who do not benefit from the current treatment agents is also quite high. There are publications showing that scabies mites are permethrin-resistant and ivermectin. The treatment with scabicides usually lasts for several hours and usually the treatment is repeated for at least another time, which reduces the patient's compliance with the treatment, especially in pediatric patients where the toxic effects of the products are more pronounced. Therefore there is a need for treatment modalities that are less toxic to humans. To observe the in vitro effect of tea tree oil (TTO) on S. scabiei and to compare it with those of permethrin. Scabies specimens were removed from the patient and examined using a digital microscope. Parasites that were not damaged during sampling, and showed full motion were included in the study. No treatment was applied to the patients before removal of the mites. A total of 40 parasites were included in the study, with 10 parasites in each group. Immersion oil was applied to the control group, 5% permethrin to the first treatment group, while 5% and 25% TTO were used for the second and third study groups. The mean survival time (ST) of scabies mites in the 5% permethrin group was 350 ± 31.3 min, while this for 5% TTO group 180 ± 15.1 min and 120 ± 13.3 min in the 25% TTO group. The mean ST of the sarcoptes in the control group was 2.820 ± 90 min. The mean ST between the control, permethrin and TTO groups was statistically significant ($p = 0.03$). ST between 5% and 25% TTO groups was also statistically significant ($p = 0.04$). There were no statistical differences between permethrin and 5% or 25% TTO. Tea tree oil has an acaricidal effect on S. scabiei. Although not used as the treatment of choise, it can be used as a supportive agent. Since it shows an acaricidal effect within a short time, it could be used as a shampoo or shower gel to enhance the acaricidal activity of another scabicide.

Opsonin Introduces

New Pack Size

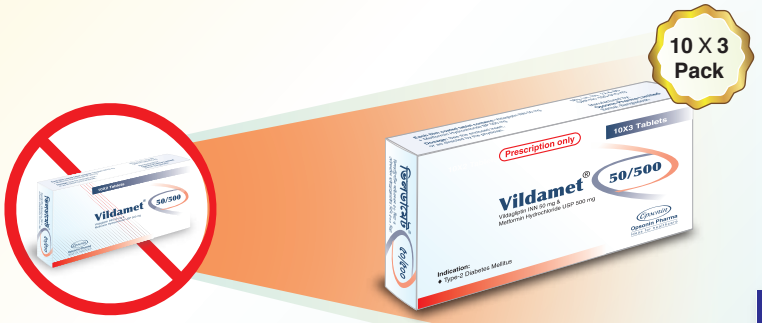
Antidiabetic

Vildamet®

50/500 mg Tablet

Vildagliptin + Metformin HCl

The novel combination therapy to achieve glycemic target



Indication Type-2 Diabetes Mellitus

Opsonin Introduces

Antihypertensive

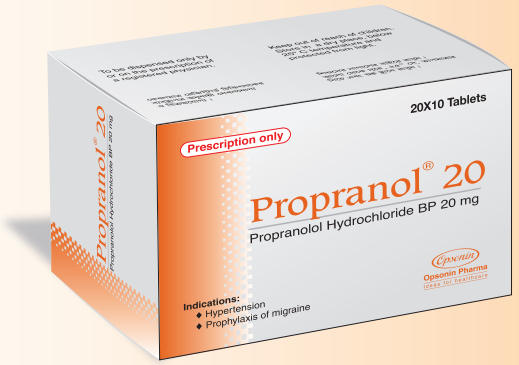
Propranol®

10, 20 & 40 mg
Tablet

Propranolol Hydrochloride BP

Tested & Trusted β - blocker

- First-line prophylactic medication for migraine
- Drug of choice in portal hypertension
- Effectively reduces anxiety



Abstract

Spinosad topical suspension (0.9%): a new topical treatment for scabies.

Dr. Deepani D Fernando

Infection and Inflammation Program, QIMR Berghofer Medical Research Institute, Brisbane, Australia.

Scabies is a highly contagious skin disease caused by the parasitic mite Sarcoptes scabiei. There is no vaccine and for the past 30 years, the first line treatments have been topical permethrin and oral ivermectin. These drugs target mainly the parasite nervous system, killing only the motile stages. As they lack ovicidal activities, repeat treatments are required to achieve complete cure. Incompliance to repeat treatments causing prolonged drug usage has contributed to emerging drug resistances. In addition, they are not appropriate for all patient categories, specifically for infants and young children or pregnant and breast feeding women. Consequently, new single-dose scabicides are urgently needed. Areas covered: In 2021, spinosad, a drug previously used to treat head lice, was approved by the US FDA as a topical scabies treatment. Here the pharmacology, clinical efficacy, and tolerability of this drug are discussed. Expert opinion: As the first single-dose scabicide, the formulated 0.9% topical Spinosad solution shows significant efficacy, little systemic absorption, and no serious adverse reactions, making it a promising treatment for classical scabies in patients older than four years.

Reference: Expert Review of Anti-infective Therapy. 2022 Sep 2;20(9):1149-54.

Abstract

Role of short-acting nitroglycerin in the management of ischemic heart disease.

Dr. William E Boden

Albany College Pharmacy and Health Sciences, Albany, NY, USA.

Nitroglycerin is the oldest and most commonly prescribed short-acting anti-anginal agent, however, despite its long history of therapeutic usage, patient and health care provider education regarding the clinical benefits of the short-acting formulations in patients with angina remains under-appreciated. Nitrates predominantly induce vasodilation in large capacitance blood vessels, increase epicardial coronary arterial diameter and coronary collateral blood flow, and impair platelet aggregation. The potential for the prophylactic effect of short-acting nitrates remains an under-appreciated part of optimal medical therapy to reduce angina and decrease myocardial ischemia, thereby enhancing the quality of life. Short-acting nitroglycerin, administered either as a sublingual tablet or spray, can complement anti-anginal therapy as part of optimal medical therapy in patients with refractory and recurrent angina either with or without myocardial revascularization, and is most commonly used to provide rapid therapeutic relief of acute recurrent angina attacks. When administered prophylactically, both formulations increase angina-free walking time on treadmill testing, abolish or delay ST segment depression, and increase exercise tolerance. The sublingual spray formulation provides several clinical advantages compared to tablet formulations, including a lower incidence of headache and superiority to the sublingual tablet in terms of therapeutic action and time to onset, while the magnitude and duration of vasodilatory action appears to be comparable. Furthermore, the sublingual spray formulation may be advantageous to tablet preparations in patients with dry mouth. This review discusses the efficacy and utility of short-acting nitroglycerin (sublingual spray and tablet) therapy for both preventing and aborting an acute angina attack, thereby leading to an improved quality of life.

Reference: NCBI; PMC US National Library of Medicine, National Institute of Health. August 2015.

Opsonin Introduces

New pack size

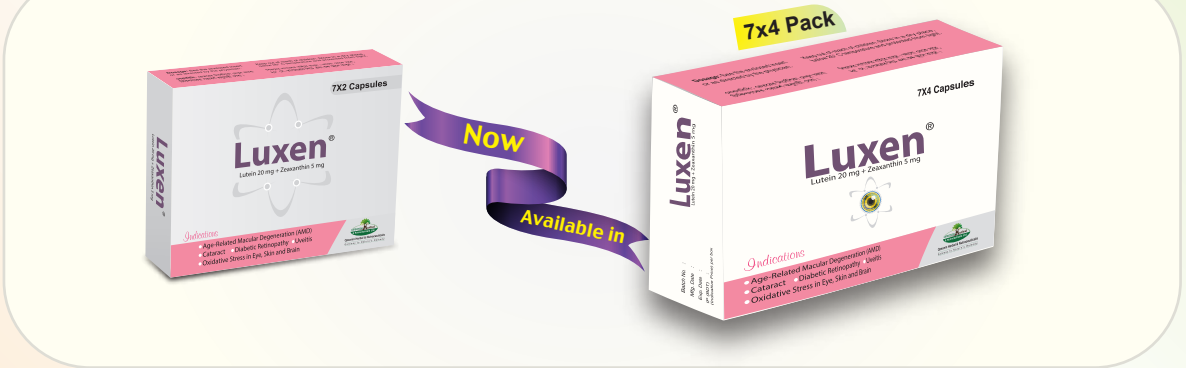
Luxen®

Lutein 20 mg + Zeaxanthin 5 mg

Capsule

INSTA ZORB Technology

1st time in Bangladesh



Indication: Age-related Macular Degeneration (AMD), Cataracts, Diabetic retinopathy etc.

Opsonin Relaunched

For the effective management of Schizophrenia, Bipolar Disorder, Psychoses, Nausea and Vomiting…

Opsonil®

Chlorpromazine Hydrochloride BP 100 mg

50 mg, 100 mg Tablet &
50 mg Injection

- An ideal choice for the treatment of Schizophrenia, Bipolar disorder
- Reduces Psychoses effectively
- Effective in Nausea & Vomiting
- Can be used as an anxiolytic

1st time in Bangladesh

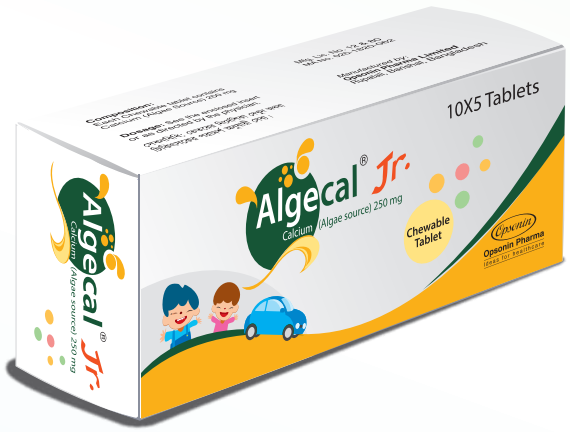
AMERICAN STANDARD CALCIUM IN BANGLADESH

Algecal® Jr.

Chewable Tablet

Calcium (Algae source) 250 mg

Build Strong Foundations for a Healthy Future



Indications

- Rickets
- Osteomalacia
- Osteogenesis
- Brain development

Dosage guideline

One tablet once or twice daily or as directed by the physician.

- 1st time in Bangladesh, Pure Plant source American Standard Calcium
- Only calcium that does not cause hyperacidity & constipation
- Rich in minerals (73 trace minerals with 12 essential bone building minerals)

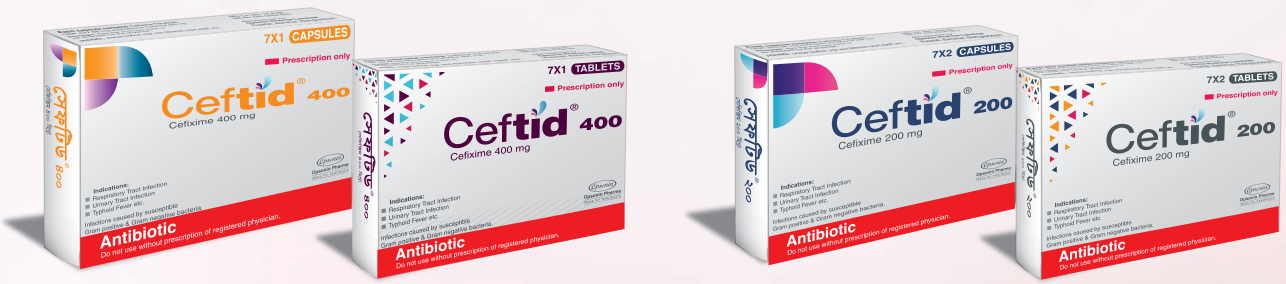
For complete family protection against bacterial infections

Opsonin Introduces

Ceftid®

Cefixime

Combats Infection With Trusted Safety & Efficacy



Smarter Technology for better quality of Cefixime

STATE of the Art Dedicated Cephalosporin Unit which ensures- Contamination free product

UHLMAN BEC 500
World's Latest Blister Packaging Machine from **Germany**

ROMACO MACOFAR MT 6
World's Latest Powder Filling Machine from **Italy**

Moreover

- Ideal option for Switch Therapy
- Truly once or twice daily dose
- USFDA Pregnancy Category B
- Can be given from 6 months of age

We extend our sincere gratitude for your continued support and partnership in our journey of success. We remain committed to strengthening this valued relationship. Wishing your continued prosperity, growth and new opportunities ahead.

Mohammad Abdul Momen Talukder
Director, Sales & Marketing

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Ideas for healthcare

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