



Life Science LTD

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England E149TS - UK
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Innovations for Life



For effective treatment of allergic rhinitis

Rx **Intranase**™

FLUTICASONE PROPIONATE 50mcg AQUEOUS NASAL SPRAY

Well tolerated & safe
in children above 4 years

The ace that keeps rhinitis away

Effective agent for the treatment of allergic & non-allergic rhinitis²

Proven efficacy in the regression of nasal polyps & also as adjuvant to polypectomy to prevent nasal polyp recurrence

Indications:

- ▶ Nasal symptoms of seasonal and perennial allergic and nonallergic rhinitis in adults and pediatric patients 4 years of age and older.
- ▶ Vasomotor rhinitis
- ▶ Symptomatic relief of nasal polyposis
- ▶ Prevention of nasal polyposis after polypectomy

Ref:
2. Drugs 1997; 53(5): 885-907



Intranase-AZTM

Nasal Spray

Azelastine Hydrochloride 140mcg + Fluticasone Propionate 50mcg

Effective treatment for

- Nasal congestion
- Runny/itching/stuffy nose
- Sneezing
- Seasonal allergies

According to ARIA guidelines

Intranase-AZ[®] (antihistmine+ corticosteroid) is recommended all the stages of AR treatment



Innovations for delivering solutions

THE BENEFITS OF CONVENIENCE AND PRODUCT INTEGRITY

- APTAR valve ensures international standard of drug delivery
- Innovative and patient-focused drug delivery solutions for your prescription medicines.
- **Intranase** provides full protection of the content, and most important for the final user, is easy to use and highly convenient.
- **Intranase** offers protection of sensitive ingredients, avoidance of any contamination, and better hygiene.
- Innovation at the core, driving patient-focused drug delivery solutions

Schematic drawing of the OSD during actuation depicting the opening of the tip seal



Coming from **US FDA** Approved
Manufacturing Plant

Clearing the airways...

Rx

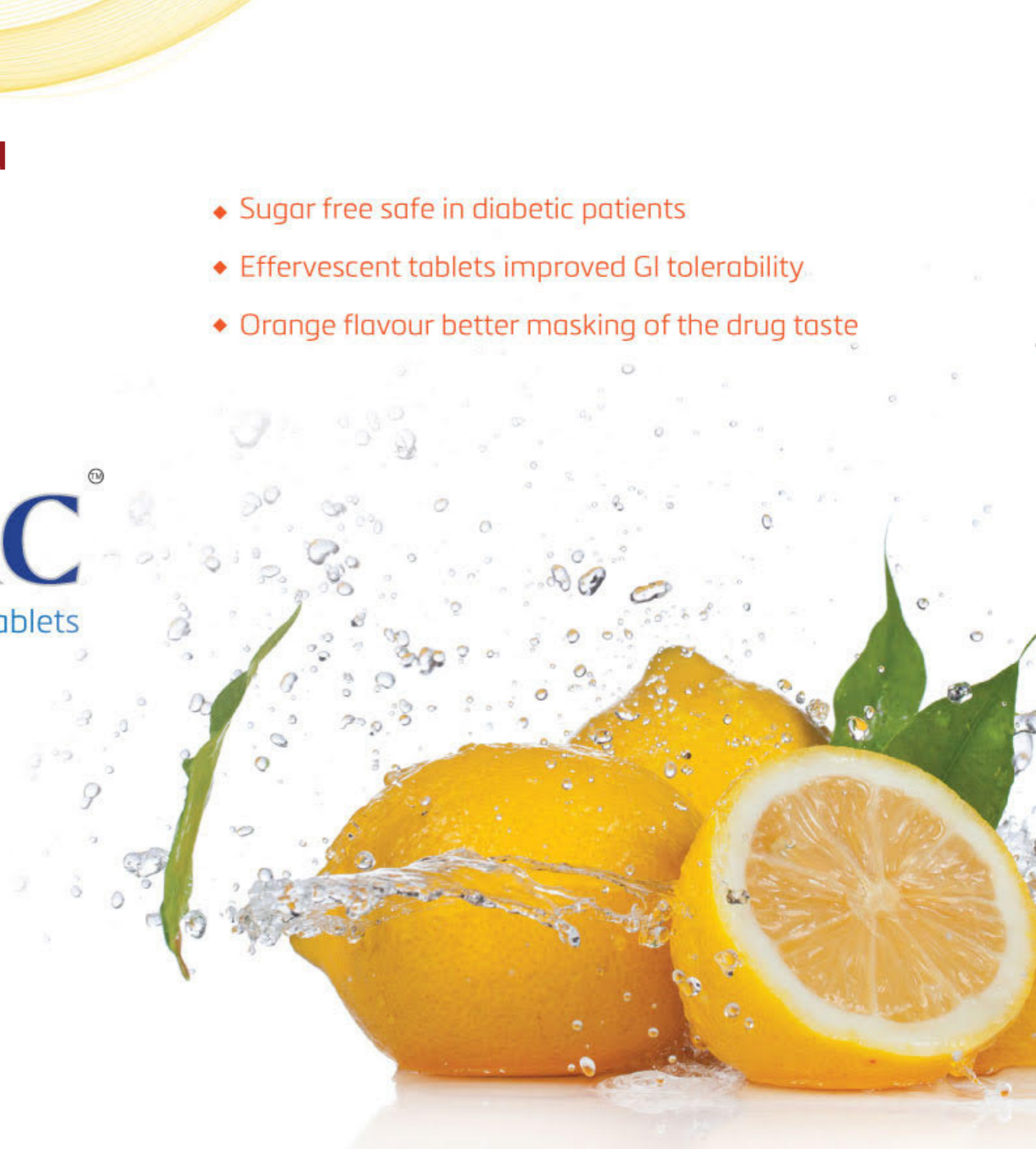
Clear NAC[®]

N Acetylcysteine 600mg

Effervescent tablets

- ◆ Superior Mucolytic
- ◆ Indian clinical experience
- ◆ Better Compliance
- ◆ Potent antioxidant

- ◆ Sugar free safe in diabetic patients
- ◆ Effervescent tablets improved GI tolerability
- ◆ Orange flavour better masking of the drug taste



In Seasonal AR, Perennial AR and AR coexisting with Asthma

R_x

Polyleuk[™]

Montelukast 10 mg + Levocetirizine 5 mg Tablets

Non - Steroidal

Ideal dual controller

Combination of Montelukast with levocetirizine provides

- Faster onset of action and immediate relief from symptoms
- Tackles leukotriene and histamine - induced inflammation effectively
- Safe and well-tolerated
- Seasonal Allergic Rhinitis
- Perennial Allergic Rhinitis
- Allergic Rhinitis co-existing with Asthma



Bilayered tablet form enhances symptom relief

In Seasonal AR, Perennial AR and AR coexisting with Asthma

- *Faster onset of action and immediate relief from symptoms*
- *Tackles leukotriene and histamine-induced inflammation effectively*
- *Safe and well-tolerated*
- *Seasonal Allergic Rhinitis*
- *Perennial Allergic Rhinitis*
- *Allergic Rhinitis co-existing with Asthma*
- *Asthma*



R_x

DesleukTM

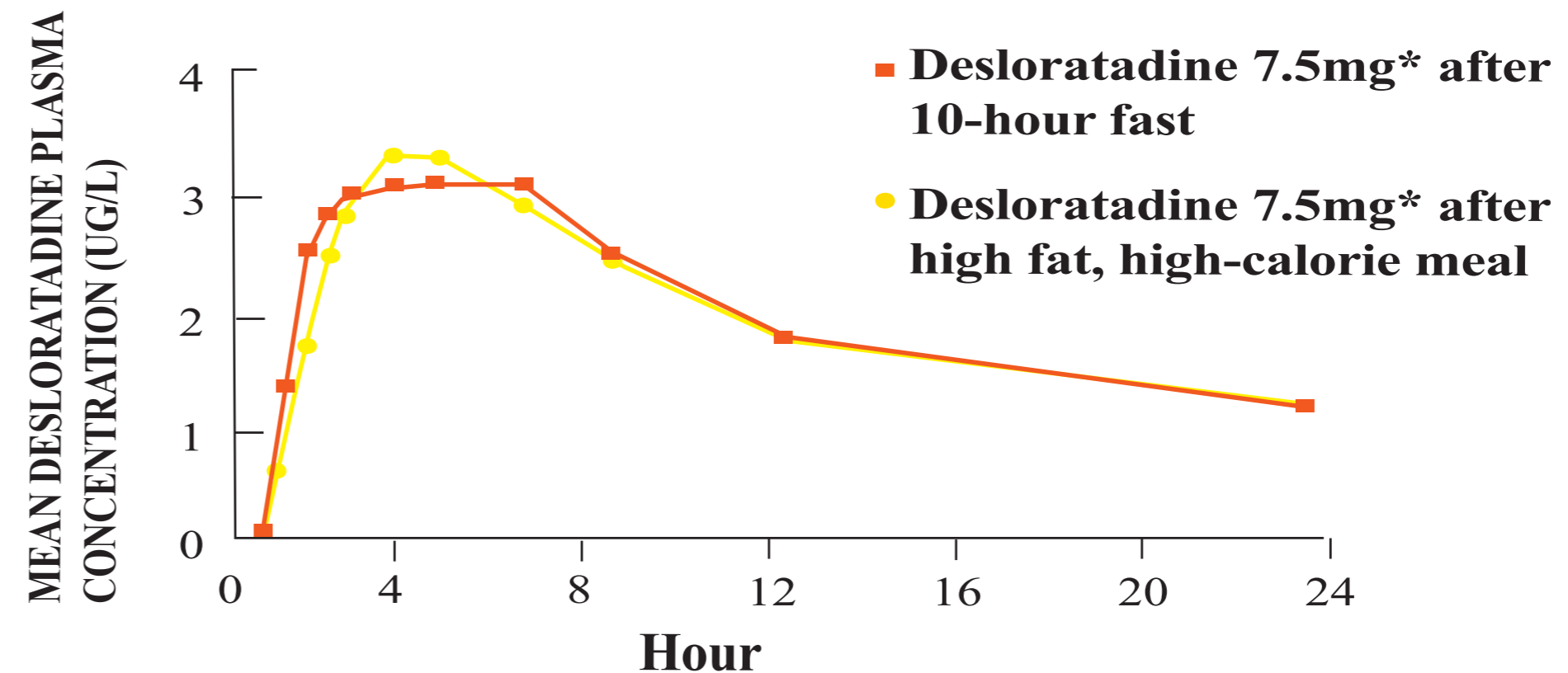
Desloratadine & Montelukast Tablets

 **AUSTER**
Pharma

Desloratadine improves quality of life and symptom severity in patients with allergic rhinitis.

Food Does Not Alter the Oral Bioavailability of Desloratadine

randomised, open-label, single-dose, 2-way crossover study (n=18)



* The recommended daily dose for desloratadine is 5 m g.

Gupta S et al. Clin Pharmacokinetics. 2002;41(Suppl 1): 7-12. Prof DR Ariyanto Harsono SpAK 53

Abstract

BACKGROUND

Desloratadine is associated with decreased signs and symptoms and improved nasal airflow in multiple clinical trials in patients with allergic rhinitis (AR). The effect of desloratadine on quality of life (QOL) in AR has not been widely reported to date. We compared the effects of desloratadine and placebo on QOL in seasonal AR using validated, disease-specific measures.

METHODS

This was a multicenter, double-blind, randomized, parallel-group study of desloratadine 5 mg or placebo daily for 2 weeks in patients with symptomatic seasonal AR. QOL was assessed at baseline and at day 14 using the Rhinoconjunctivitis Quality of Life Questionnaire (RQLQ). AR signs/symptoms and the global response to therapy were measured at baseline and at day 14; signs/symptoms were also rated AM/PM in patient diaries. Adverse events (AE) were recorded.

RESULTS

Overall 234 patients received desloratadine and 249 received placebo. At day 14 desloratadine was associated with a significantly larger improvement from baseline in the mean total RQLQ score vs placebo (P = 0.0003). Desloratadine also led to significant improvements from baseline in all RQLQ sub-domains (P < or = 0.043). At day 14 significant decreases from baseline were noted in the desloratadine group for total nasal (P = 0.0003), total non-nasal (P = 0.001) and total symptoms scores (P = 0.0001). Morning AR symptoms were significantly decreased in the desloratadine group after 1 day of treatment. Desloratadine was well tolerated, with an AE rate similar to placebo.

CONCLUSION

Significant reductions in signs and symptoms of AR with desloratadine treatment were accompanied by improved disease-specific QOL measures. (Less)

WASHOFF

Sinus Rinse

Sodium Chloride Powder for Nasal Solution 4g/200ml

- Rhinosinusitis
- Viral upper respiratory infections
- Allergic rhinitis
- Atrophic rhinitis
- Fungal rhinosinusitis
- Nasal congestion
- Post-operative conditions (especially after Functional Endoscopic Sinus Surgery i.e. FESS)

Dosage

- Saline nasal irrigation can be done once or twice a day. However, the dosage and duration of use may vary depending on the condition for which it is used.
- Saline nasal irrigation can be done anytime of the day. However, it is recommended that nasal washing is done at least one hour before going to bed.



In URTI with Fever, LRTI

TRUST
Rx **DOCSPOR[™] CV**

Cefpodoxime Proxetil 200 mg
Clavulanic Acid 125mg | Tablets

- Highly efficacious in the treatment of Typhoid fever
- Effective against multi drug resistant Salmonella Typhi
- Destroys DNA gyrase mutant strains through cell wall lysis
- Higher Dissolution rate
- Higher Bioavailability
- Higher Efficacy

 **AUSTER**
Pharma



A doctor in a white coat is shown in a blurred background, holding a child's hand and a digital thermometer. The child's face is also blurred. The foreground shows the doctor's hands holding the thermometer and a small white tablet.

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Cefpodoxime

Proxetil 200mg Tablets

- Highly efficacious in the treatment of Typhoid fever
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Rx
ZILATM
 Ilaprazole-10 mg Tablets
 The Complete PPI



Rx
ZILATM
 Ilaprazole-10 mg Tablets
 The Complete PPI

- ▶ Maintains 24 hrs acid control
- ▶ High Healing rate compared to other PPIs
- ▶ Convenient dosage
- ▶ Lasting relief from acid secretion
- ▶ Economic substitute for your current PPI

* **Precautions:** ZILA[®] (Ilaprazole IP Tablets) should not be prescribed to individuals who are allergic to other PPIs.

Other Drug Interactions: ZILA[®] (Ilaprazole IP Tablets) may interact with Clarithromycin, maldazolam, ketoconazole and amoxicillin

Dosage: The recommended adult dosage of ZILA[®] (Ilaprazole IP Tablets) is 5-20 mg/day, Food(before/after)

ZILA[®] (Ilaprazole IP Tablets) should be taken at least 30 minutes before food intake
 Food and Drug Administration (FDA) approved .Prescription Only (POM)

ZILA[®] (Ilaprazole-10 mg IP Tablets)

for the Treatment of **Gastroesophageal Reflux Disease (GERD)**

*Gastroenterology & Hepatology / *Gastroesophageal reflux disease (GERD)

ZILA[®] (Ilaprazole IP Tablets) is a proton pump inhibitor (PPI) used in the treatment of dyspepsia, peptic ulcer disease (PUD), gastroesophageal reflux disease (GORD/GERD) and duodenal ulcer. It is available in strengths of 10 mg.

ZILA[®] (Ilaprazole IP Tablets), a novel proton pump inhibitor (PPI), is used for the treatment of gastroesophageal reflux disorders (GERD), dyspepsia and peptic ulcers.

Pharmacokinetics : After oral administration, the drug is rapidly absorbed. The drug is extensively metabolized to Ilaprazole sulfone via the CYP450 enzymes. The drug is primarily excreted in the urine as drug metabolites and unchanged drug to some extent.

ZILA[®] (Ilaprazole IP Tablets), significantly prevents the development of reflux oesophagitis and gastric secretion in a dose-dependent manner,



**In Gastroesophageal Reflux
Disease (GERD)**

Rx

Ulciquick[®]

Pantoprazole 40mg Tablets

The stable proton pump inhibitor

- ◆ Maintains 24 hrs acid control
- ◆ High Healing rate compared to other PPIs
- ◆ Convenient dosage
- ◆ Lasting relief from acid secretion
- ◆ No risk of drug interaction

 **AUSTER**
Pharma



For Pre & Post Surgical Cases & Stress Related
Mucosal Damage

**New and emerging treatment options for
Neuropathic pain from diabetic Neuropathy**

R_x LinforteTM
Mecobalamin 1500 mcg Pregabalin 75mg SR

More potent successor to gabapentin

- **Diabetic Neuropathy and neuralgia**
- **Post-herpetic neuralgia**
- **Fibromyalgia**

Better response

Better absorption





**For long term steroid usage
in inflammation**

Rx **Austacort**TM

Deflazacort 6mg Tablets

The safer Steroid

Equivalent does of Escortil to other steroids⁵

Prednisolone 5mg
Methylprednisolone 4mg
Hydrocortisone 2mg

As effective as other corticosteroids with
significantly lesser side effects**

- Significantly lower diabetogenic effects 1,2
- Significantly lesser Bone loss compared to Prednisolone
Accumulation of fat mass⁴
- Less growth suppression as compared to
Methylprednisolone in children³

*ILD : Interstitial Lung disease** Methylprednisolone & Prednisolone

1. Pagano A, Bruno A et. al; Arch intern med 1989;149,1098-101,
2. Markham A, Bryson H; Drugs 1995;50(2); 317-333
3. Anthony Markham and Harriet M. Bryson; A review of its pharmacological properties and therapeutic efficacy: drugs 50(2) 1995 Page: 228-229, 330
4. Lippuner K, Kasaz JP, J Clin Endocrinol Metab; 1998; 198:3795-3802.
5. Drugs 1995;50;2

 **AUSTER**
Pharma

Two Vital combination of Serratiopeptidase & Diclofenac
Potassium for better Therapeutic response

Rx **SEPZD**TM

Serratiopeptidase 10mg Diclofenac potassium 50mg tablets

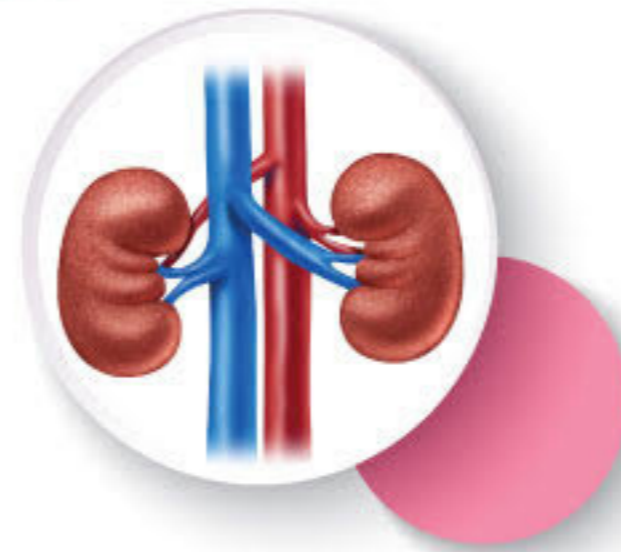
- Increases concentration of Diclofenac at the site of injury
- Acts on all types of inflammatory agents Controls-Edema, Swelling, Pain & inflammation
- Enhances the migration of microphage
- Provides better analgesic
- Well tolerated and anti-pyretic



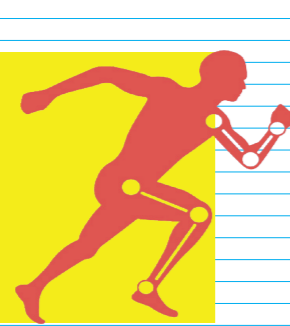
Rx Statofeb[®]

Febuxostat 40mg / 80mg Tab

- Helps to prevent gouty attacks
- Prevents formation of Uric Acid Kidney Stones
- Inhibits progression of hyperuricemia towards arthritis
- Ensures patients compliance as providing once daily dosage at anytime
- No dosage adjustment needed for patients with mild to moderate Kidney problems



Effectively Managing
Uric Acid...



Rx **FRAX** *plus*TM

Cissus Quadrangularis 500mg + Calcium Citrate Malate 250 mg +
Vitamin K2 45mg + Vitamin D3 1000 I.U. Tablets

- + Reduction of bone fracture healing period
- + Fracture with site of low blood supply for faster healing
- + Pathological Fracture
- + Osteoporotic fracture
- + Reduce ambulatory period
- + Early achievement of normal tensile strength
- + Better retention of Prosthesis
- + Early osseointegration

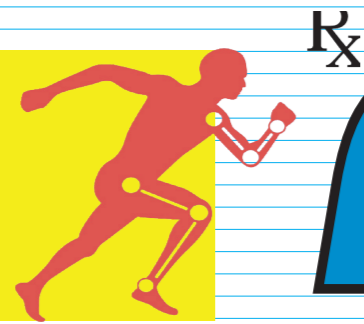
▼ Vitamin K2

This Vitamin helps the body get calcium in the right place (i.e., into the bone structures instead of the arterial vessel walls). This Helps Vitamin K2, along with calcium, maintain the body's bone mas and promote elasticity of blood vessels.

▼ Vitamin D3

Vitamin D promotes the absorption of calcium and phosphorus, and supports the production of several proteins involved in calcium absorption and storage. Studies have also shown the combination of calcium and vitamin D to have other benefits.

The Bonding expert



FRAXplusTM

Cissus Quadrangularis 500mg + Calcium Citrate Malate 250 mg +
Vitamin K2 45mg + Vitamin D3 1000 I.U. Tablets

► Frax plus has greater impact on osteoblastic proliferation. Cissus quadrangularis builds up the chemical compositions of the fractured bone namely its mucopolysaccharides, collagen, calcium, phosphorus and others as well as its functional efficiency.

► Mucopolysaccharides play an important role in the healing by supplying raw materials for repairs. So greater the accumulation of these materials more rapid will be the rate of healing. Rapid the utilization of these raw materials earlier will be completion of healing process.

Calcium Citrate Malate

The European Food Safety Authority has concluded that calcium citrate malate is "more bioavailable" than other forms of calcium supplementation.

The Bonding expert

Redefine control in type 2 diabetes

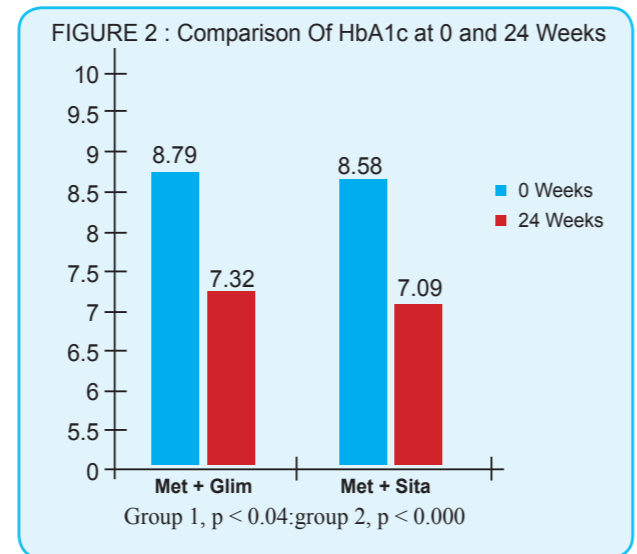
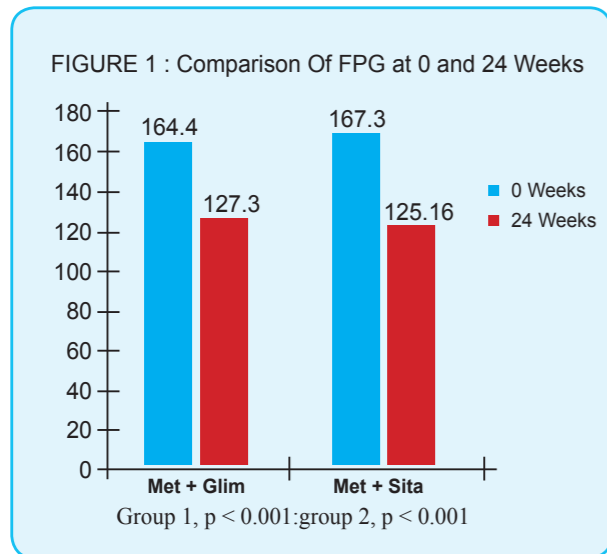
Rx **AUSTAMETTM G1/G2**

Metformin XR 500mg + Glimpiride 1mg / 2mg Tablets



Increases significantly the ratio between C-peptide/Glucose³

Greater proportion of Patients achieved HbA 1c target with Glimpiride group than with Sitagliptin group ¹



In Combination Therapy Vs Monotherapy:
Significantly improves HbA1c, FPG PPHG²
Improves Lipid Profile²

Rx **AUSTAMETTM VG2**

Metformin XR 500mg + Glimpiride 2mg + Voglibose 0.2mg Tablets



For management of Hypertention/CV risk reduction

Rx **GAMAtel**TM
Telmisartan 40mg Tablets



Effective Sartan

- ♥ Partial PPAR γ agonist unlike other sartans, thus significantly improves insulin sensitivity, FPG, Hba1c levels and lipid profile
- ♥ Significantly greater BP reduction than ramipin, Losartan and Valasartan during the crucial 6-hours of dosing interval
- ♥ Effective in preventing CVD in high risk patients
- ♥ Significantly reduces BP by 19/7.3 mm Hg in diabetic hypertensives along with improving insulin resistance.
- ♥ Significantly greater improvement in renal function and blood glucose levels than olmesartan or Losartan in diabetic hypertensives



In the Management of Dyslipidemia and CV Risk

Rx **austalip**™

Atorvastatin 10mg/20mg

Tablets



Trusted statin Worldwide

- Completely hails the progression of atherosclerosis in CHD patients
- Significant 36% reduction in CV events in hypertensives with normal levels of cholesterol
- Majority of type 2 diabetes patients attain LDL-C goal with 10mg atrovastatin



For the long term treatment of Diabetes Mellitus

R_x **AUSTAZIDE-M**TM

Metformin Hydrochloride 500mg + Gliclazide 80mg SR

Tablets

The combination that matters...

- Lowers FPG and HbA1c
- Significant improvement in Glycemic control
- Significant improvement in plasma glucose level
- Decreases LDL cholesterol
- Potential benefits in terms of improvements in specific lipid abnormalities





Innovations for life



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Wadala Truck Terminal
Wadala (E), Mumbai - 400 037
Email: austerpharmakl@gmail.com



WHO-GMP Certified Company