

# SEDICO Pharmaceuticals

Wishing you a  
Happy New Year  
2011



## SEDICO INSULIN

Insulin is one of the most important life-saving products for diabetic patients especially those of Type 1 diabetes mellitus

It is very important for diabetic patient to have his insulin therapy at any time without any interruption otherwise his life will be in a true threat. This irregular availability & frequent shortage of insulin

*"Improves Diabetes Outcomes"*

have created a serious crisis in Egypt at that time. Before 2001

there was no Human Insulin Production in Egypt and the imported human insulin was the only source of availability. In spite of being low-priced due to the financial support offered by the government; the imported quantities were insufficient to satisfy the Egyptian market requirement, also irregular importing of insulin was another problem.

As a result of our high credit of trust gained from doctors & patients; we SEDICO Pharmaceuticals took the responsibility to get the access to a very important & strategic issue which is Human Insulin Production in Egypt.

SEDICO is a pioneer company in the manufacture of biotechnology products in Egypt to apply

biotechnology and Bio-engineering for the production and formulation of Biopharmaceutical products.



Biotechnology is a broad term for classic and modern technology for the production of bio-products using micro-organisms on large scale in purified form with less cost.

We have started the big project of insulin production as a new era of production of biotechnology products in collaboration with Akzo Nobel Corporation to be the first Egyptian company that formulates human insulin among the very few multinational companies producing insulin.

We produce the different types of Human Insulin in different concentrations.

We are committed to insulin availability at any time & for All Egyptian Diabetic Patients.



## MAGNA-BIOTIC (AMOXACILLIN+ CLAVULANIC ACID)

**Amoxicillin+ Clavulanic acid: what can provide this excellence combination?**

Antibiotic resistance is a real global problem that needs a global solution, for that SEDICO represents Magna-biotic in its unique combination of Amoxicillin+ Clavulanic acid which represents a real solution even for B-lactamase producing micro-organisms.

Magna-biotic converting resistance to sensitivity, it was proved that the resistance of B-lactamase to Amoxicillin+ Clavulanic acid is the least among others antibiotics which provides a distinguished success in the cure rate:

Clinical success in acute & chronic otitis media, Tonsillitis & LRT.



**Does Magna-biotic cover a broad spectrum?**

Magna-biotic has an excellent coverage to aerobic (e.g. S.pneumoniae) and anaerobic (e.g. Peptostreptococcus magnus) bacteria.

For that Magna-biotic shows a superior efficacy in: ► **Upper respiratory tract & E.N.T infections :** Sinusitis, tonsillitis, pharyngitis, laryngitis, otitis media .

► **Lower respiratory tract infections :** Bronchitis, pneumonia, emphysema, lung abscess.

► **Gastrointestinal infections :** Enteritis, biliary tract infection.

► **Genito-urinary tract infections :** Cystitis, urethritis, gonorrhea .

► **Skin & soft tissue infections :** Cellulitis, erysipelas, boils, carbuncles .

► **others :** Septicemia, osteomyelitis.

**Why Magna-biotic suspension?**

Magna-biotic represents:

- More eradication
- Suitable 80 ml bottle that matches the W.H.O. recommendation for complete course
- Palatable banana flavour for high compliance

**How can magna-biotic vial achieve you aim?**

- Magna-biotic vial is the helper that protect an operation success from infectious complications.
- Magna-biotic vial was found that Magna-biotic (Amoxicillin+ Clavulanic acid) to be safe, very effective and financially feasible prevention of postoperative infectious complications after hysterectomy.
- Magna-biotic vial is the best prophylaxis for major & common operations
- Magna-biotic vial decreases the risk of antibiotic resistance
- Magna-biotic vial has the maximum cost effectiveness

these times. A newsletter is a more informative yet convenient way of keeping in touch with those you don't see as often as you'd like.

Writing a family newsletter can also be a fun activity to do together as a family. You can make everyone feel included as you take stock of the events in your life together.

When you send a holiday newsletter, you can let all of your family members write their own articles or stories. You can also include family portraits, children's school pictures, or photographs from family vacations. Think about what your family

### "THE RIGHT ONE"

would tell each of your friends if you could see them face to face this holiday season. What would you most like to share?

## OMEPAK (OMEPRAZOLE)

**What about using Omepak (Omeprazole) for long term therapy?**

Omepak (Omeprazole) is one of the famous and well trusted molecules as a proton pump inhibitor because it was reported that during long-term treatment the adverse events profile was similar to in short- term treatment.

So Omepak reported to have higher safety profile in long term therapy (10 years).

**Do Omepak has a fast response?**

The Onset of action of Omepak occurs within 30 minutes, Omepak offers inhibition of HCl secretion about 50% from the 1st 24 hours.

**What are the usage of Omepak?**

Omepak consider a "Time Trusted PPI", and so it is used in:

- ▶ GERD
- ▶ Duodenal Ulcer
- ▶ Erosive ulcer
- ▶ H.Pylori eradication in combination with antibiotics
- ▶ Maintenance healing of erosive esophagitis
  
- ▶ Gastro- Esophageal Reflux
  
- ▶ Zollinger-Ellis syndrome



Omepak promotes healing of ulcers of the stomach, duodenum, & esophagus.

It inhibits secretion of gastric acid by irreversibly blocking the enzyme system of hydrogen/ pottasium adenosine triphosphate, the so called the protone pump of the gastric parietal cell.

It is valuable in those whose peptic ulcer is not well controlled by H2 antagonists.

Omepak also enhances antibiotic activity against H pylori by raising gastric pH. Omepak is rapidly absorbed and is extensively bound (about 95%) to plasma protein. It is cleared by the circulation by hepatic metabolism and most of the metabolized are excreted in the urine.

## LIPONA (ATORASTATIN)

**Should LIPONA (Atorvastatin) be administered at the morning & before breakfast as the other members of statins ?**

No, you can prescribe Lipona to be administered at any time (day or night), before or after meals... as Atorvastatin's lipid lowering effect is not related to time of administration or meals, unlike other members of statins; Atorvastatin effects in serum lipid lowering is attributed to the action of its active metabolites rather than the parent drug, so any decrease in plasma concentration or rate of absorption will not affect its action.. This advantage makes the administration of Lipona easier for the patients.

**What is the recommended dose of Lipona as a start in most patients?**

The recommended starting dose of Lipona is one tablet (10 mg ) once daily, the dose should be individualized according to baseline lipid profile & patient response. Monitoring of lipid profile should be done after 4 – 6 weeks in order to assess the effective dose either to continue with 10 mg or to increase the dose. In more than 60 % of patients the 10 mg starting dose is effective in achieving treatment goals without any increase in the starting dose

Here's where the statins fit in in improving your cardiac risk:

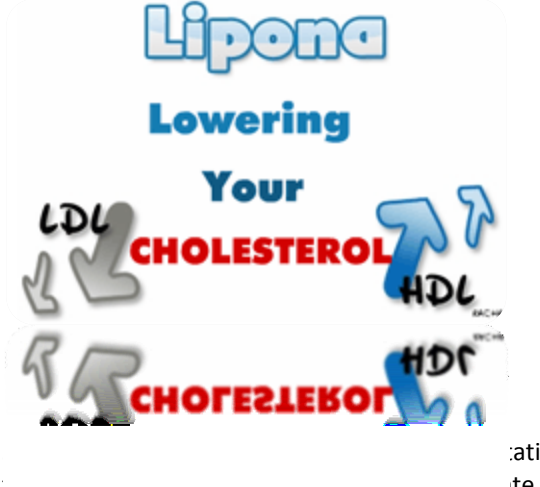
- 1) For everyone:  
Take every available non-pharmacologic opportunity to reduce cardiac risk, including weight control, a good diet, plenty of exercise, not smoking, blood pressure control, and (admittedly controversial but reasonably well-documented) moderate alcohol (i.e., at least one drink per week, but no more than two drinks per day). These measures will reduce your cholesterol levels, but more importantly, they'll substantially reduce your risk despite your cholesterol levels.

**“Avoid Your Patient Risk”**

- 2) For patients with established CAD:  
Statin therapy. Note that here, statins are recommended for their risk-reduction effects essentially without regard to baseline cholesterol levels. Treat the risk, not the cholesterol.

3) For patients at high risk for CAD: Aggressive risk factor control, and discuss the utility of statin therapy with your doctor. Note that the use of statins for primary prevention (i.e., in patients who do not have proven CAD) in women and in people 70 or older is less well established than in younger men.

4) For patients with LDL cholesterol levels currently recommended for treatment according to latest guidelines, and who do not have established CAD: First try non-prescription control, and if that fails discuss statin therapy with your doctor.



**Lipona**  
Lowering  
Your  
CHOLESTEROL  
LDL  
HDL  
CHOLESTEROL  
HDL

Statin  
ite

SEDICO Offer Lipona in 3 concentration:10;20 & 40 mg.

## ULTRACILLIN ( AMPICILLIN AND SULBACTAM )

Sultamicillin is a precursor of Ampicillin.

### The Ampicillin and Sulbactam:

► **Sulbactam** is an irreversible inhibitor of most important beta - lactamases, that occur in penicillin- resistant organisms.

Sulbactam exhibits synergistic effect with penicillins and cephalosporin's.

► **Ampicillin** is the bactericidal component of the combination, as it inhibits the biosynthesis of cell wall mucopeptide of many Gm +ve, Gm- ve aerobic and anaerobic bacteria.

Sultamicillin is well absorbed and diffuses readily into

most tissues and fluids in the human body. Penetration into brain and spinal fluid is low except when meninges are inflamed, high concentrations of sulbactam and ampicillin. They are achieved in the blood, and both components have a half-life of one hour. Most of the sulbactam and ampicillin is excreted unchanged in the urine.

### Why Ultracillin (Ampicillin/Sulbactam) represents the extra coverage of respiratory tract infections?

Ultracillin (Ampicillin/Sulbactam) is clinically effective and well tolerated in both adults and children suffering from upper and lower respiratory tract infections since it represents the only combination which possesses the power of eradication of gram negative Moraxella Catarrhalls (b-lactamase producing).

### Does Ultracillin (Ampicillin/Sulbactam) effective in skin and soft tissues infections?

Ultracillin (Ampicillin/Sulbactam) is considered as the 1st line management of high risk skin wounds so it is use in skin and soft tissues infections and post-operative prophylaxis.

### What are the other usage of Ultracillin (Ampicillin/Sulbactam)?

Ultracillin (Ampicillin/Sulbactam) is considered as an effective prophylaxis cases of high risk caesarean section.



**Ultracillin**  
Your  
Safety  
Is Our  
Concern  
CONCERN

Soft tissue infections  
Ultracillin  
Skin Infections

Radio group