

Launching of PROLIV by Orion Infusion Ltd.

A special supplement published on the occasion of launching of PROLIV the first Amino Acid TPN Solution manufactured in Bangladesh

Message



دولة الشعب



Dr. Khandaker Mosharrif Hossain
Minister
Ministry of Health and Family Welfare
Government of the People's Republic of Bangladesh

I am delighted to know that Orion Infusion Limited has been successful in their efforts in manufacturing a very hi-tech product, Amino Acid Solution, named PROLIV. I would like to congratulate them for achieving this success.

I am happy to note that, it is a Total Parenteral Nutrition (TPN) solution for patients with nutritional deficiency and PROLIV is that type of product first in Bangladesh being manufactured by ORION. So far, Bangladesh was totally dependent on import of such products. It is highly appreciable that with the launching of PROLIV, millions of patients of Bangladesh will be able to use this drug at an affordable cost. I hope that, this introduction will not only save our hard earned foreign currency, it will also open an opportunity to export.

I like to mention that introduction of PROLIV by ORION bears a testimony to the revolutionary development of pharmaceutical industries in manufacturing world-class products.

I would like to thank the management of ORION for this significant contribution in health care sector.

I wish the launching of PROLIV a grand success.

(Signature)
13-4-2005
(Dr. Khandaker Mosharrif Hossain)



Message



دولة الشعب



Mizanur Rahman Sinha
State Minister
Ministry of Health & Family Welfare
Government of the People's Republic of Bangladesh

It gives me immense pleasure to see that Orion Infusion Limited is going to introduce PROLIV, an Amino Acid Solution first ever manufactured in Bangladesh. The product will be highly beneficial for nutrient deficient patients. Since long our country was totally dependent on importation of such a product.

Introduction of PROLIV will help the country achieving self-reliance in Pharmaceuticals. I am very happy to learn that ORION has developed the formulation of the product in their own laboratory & manufactured it by employing European state of the art technology.

I would like to thank the management of ORION for taking such an initiative to augment the Health Care Services in Bangladesh.

I wish the launching of PROLIV all the success.

(Signature)
(Mizanur Rahman Sinha)
9/4/05

Launching of PROLIV - The first Amino Acid TPN solution manufactured in Bangladesh



Mohammad Ebadul Karim
Executive Director
Orion Infusion Ltd.

There has been continuous development of science and technology in order to meet evolving needs of human beings. This development is even more obvious in case of Medical Science. Developed countries largely enjoy the benefits of scientific development & innovation. Developing & least developed countries have less access to such benefits due to their inadequate infra-structure, financial limitation, resource constraints & reluctance of entrepreneurs apprehending lack of commercial viability of technology import.

Since its inception in 1989 Orion Infusion Ltd. has been manufacturing large Volume Parenteral (LVP) solutions to cater to country's need. Today it is one of the largest producers of LVPs in Bangladesh. The company has been working with the commitment to supply adequate quantity of highest quality LVPs to every remotest corner of the country at an affordable cost.

Up to 50% of general surgical and many hospital patients suffer from Protein-energy malnutrition (PEM) at any given time. Nutritional disorders also arise due to serious illness, burn, trauma, comatose states, patients at NPO status etc. In the first half of the century, various glucose solutions were the only means by which parenteral nutrition could be provided. The past 30 years have seen a tremendous improvement in health care services through the addition of Amino Acid and Carbohydrate combination Total Parenteral Nutrition (TPN). Many patients have been fed exclusively by the TPN for years without significant signs of deficiency. But to manufacture Amino Acid TPN solution it requires special sophistication regarding facilities design, process flow and environmental control system. Moreover, a huge investment is required in technology import. That is why 100% of country's demand for TPN was met through import. Orion Infusion Ltd. is proud to be the pioneer to make the country self-reliance in Amino acid TPN solution. OIL is the first to venture such a big investment to develop and manufacture Amino acid TPN solution PROLIV locally. Introduction of Proliv is yet another milestone to make our country self-reliant in pharmaceuticals.

PROLIV will be available in sufficient quantity at an affordable price everywhere in Bangladesh. After meeting the total need of the country, we shall be able to export the product, thereby, saving & earning valuable foreign currency. It will also enhance the image of Pharmaceuticals Industries of Bangladesh in the Global marketplace, because Orion is one of the very few companies in the World manufacturing TPN.

We have a vision to provide products & services of world class standard & for this we bank on the continued support & trust of you. We pledge our sincere commitment, to continue our mission in serving the nation in a better way in the times to come. May Allah help us in our endeavor.

Message



دولة الشعب



Professor Dr. Md. Habibur Rahman
Director
Drugs Administration
Government of the People's Republic of Bangladesh

It is a matter of great satisfaction that Orion Infusion Ltd. is going to launch their long awaited Amino Acid Solution preparation, PROLIV, on 19th April 2005.

Though Bangladesh has achieved a remarkable success in the Pharmaceuticals Industry meeting around 95% of its requirement of medicinal products, a big need for manufacturing Total Parenteral Nutrition (TPN), Amino Acids Solution, remained unsatisfied. TPN is a life saving product for patients at post surgical NPO status, comatose state, oral feeding disruption etc. Introduction of PROLIV will help patients getting this solution at affordable prices. In this context, I sincerely appreciate the efforts of Orion Infusion Ltd. and congratulate them for such an achievement.

I wish the launching program of PROLIV a grand success.

(Signature)
Professor Dr. Md. Habibur Rahman

Message



دولة الشعب



A F M Sarwar Kamal
Secretary
Ministry of Health & Family Welfare
Government of the People's Republic of Bangladesh

I am pleased to know that, Orion Infusion Ltd. is going to launch Amino Acid Solution -PROLIV, a very essential nutritional supplement for the critically ill patients, manufactured first ever in Bangladesh.

Orion has exhibited their utmost efforts to serve ailing people by launching PROLIV a Total Parenteral Nutrition (TPN) at affordable price, thereby, saving our valuable foreign currency & reducing dependency on importation.

My hearty thanks to the management of ORION for their sincere efforts in improving Health Care Services of Bangladesh.

I wish the PROLIV launching program a great success.

(Signature)
(A F M Sarwar Kamal)

Our Mission

To fulfill the need of Intravenous Fluids (LVP) market in Bangladesh by

- Continuous development of the human resources through appropriate training and motivation
- Launching new and specialized products and ensuring customer satisfaction
- Time demanded up gradation of the manufacturing facility to cope up with the changed environment
- Ensuring sustained and significant growth in sales and profit
- Expanding the export market beyond Bangladesh

Our Vision

To be regarded as a world class pharmaceutical company through products and services

Our Values

In order to achieve its aspired vision ORION Infusion Ltd. (OIL) subscribed to the following values

- Quality in everything we do
- Live up to our commitments
- Transparent and fair in all our dealings
- Take initiative to exceed standards
- Trust and respect for each other
- Work as a team
- Socially responsible

Company Brief

Orion Infusion Ltd. (OIL), founded in 1989 as a state-of-the-art large Volume Parenteral (LVP) products manufacturing company is an addition to the specialized pharmaceuticals manufacturing industry in Bangladesh. At its inception, the company was named as Mala Chemical & Pharmaceuticals Industries Ltd., which became a public limited company in the year 1994. The company is devoted to producing LVP products that includes life saving IV fluids. OIL has modern manufacturing facilities for the production of Intravenous Fluid (IV), Rehydration Solution, Electrolyte Solution, Solution for Acidosis, Ranitidine IV, Anti-Microbial products like Ciprofloxacin IV, Metronidazole IV. Amino Acid Solutions is one of its newly introduced most sophisticated & hi-tech products, manufactured first ever of its kind in Bangladesh.

The production process and quality control division of OIL is well equipped with hi-tech modern machinery and advanced technical know-how, procured from countries like Germany, Australia and other technologically developed countries of the world.

To meet the tremendously increased demand of its products, OIL has expanded its production capacity further by installing modern and sophisticated technologies.

Company has now been producing Pure Steam Generator (PSG) autoclaved IV fluids, by strictly adhering to the cGMP requirements. OIL is the first & only LVP manufacturing company in Bangladesh marketing PSG autoclaved I.V. fluids, which is absolutely crystal clear in appearance in contrast to Black Steam generator autoclaved I. V. fluids.

ISO Certification 9001:2000

OIL is in the pursuit of using the state-of-the-art technology and high level quality assurance in our production processes ensuring products of international standard. Through proper documentation and implementation of a quality management system throughout the organization, OIL has achieved ISO 9001:2000 version certification from United Kingdom Accreditation Services (UKAS) Quality Management System, UK.

Manufacturing Excellence

Manufacturing excellence is one of the core strengths of Orion Infusion Ltd. The state-of-the-art manufacturing plant of OIL has incorporated most advanced technologies, machinery and equipment procured from Europe.

As an IV fluid manufacturing company, OIL produces LVP products used in all critical health care conditions. In order to ensure absolutely sterile manufacturing conditions and processes, while designing and constructing the plant, proper attention has been paid to the latest concepts of cross contamination, air circulation and air-handling, clean room, HVAC (Heating, Ventilator & Air-conditioning), process flow, absolute filtration, hygiene and safety. Special care has also been given in selecting laboratory instruments and equipments to conduct stringent QC checks following cGMP practices for process documentation and traceability.

OIL collaborated with BRAM SPA, Italy, one of the world's most reputed quality pharmaceutical packing items manufacturing company supplying Lay Flat Tube (LFT) for PVC bags used as containers for all IV fluids. These bags are filled, sterilized, labeled under defined aseptic conditions leaving no chances for bacterial infiltration or entry of pyrogen into the products, thereby ensuring the highest level of quality and efficacy.

OIL's relentless efforts are directed towards achieving our vision 'to be regarded as a world class pharmaceuticals company through products and services'.

Quality Policy

Orion Infusion Ltd. is dedicated to serving its valued customers with products of excellent quality, through continuous improvement in process & technology, complying with the guidelines of Good Manufacturing Practices (GMP) and the requirements of ISO-9001: 2000 Quality Management System.

OIL's top management is committed to ensure that quality policy is adopted and practiced in all phases of company activities and urge all concerned to perform their duties by following the principles and the guidelines as prescribed in the quality manual.

Doctors, nurses, hospitals, clinics, chemists & druggists - the integral parts of the health care domain are constantly kept informed of the safe and effective use of OIL's products in order to ensure customer satisfaction.

High lights on Proliv

Amino acids are the building blocks of proteins. This is a class of organic compounds containing the amino (-NH₂) and the carboxyl (-COOH) group occurring naturally in plant and animal tissues and forming the chief constituents of protein.

All types of physiological processes are intimately and critically linked to amino acids.

Amino Acid infusion (Proliv) is used to prevent nitrogen loss or to counteract negative nitrogen balance in patients:

With pre and post-operative nutritional depletion.

When adequate enteral nutrition is impossible or undesirable

- GI Surgery
- Postoperative complications
- Ileus, Fistula formation, Anastomatic leaks

When GI absorption is impaired

- Mechanical & functional obstructions
- Malabsorption states
- GI fistulas
- Developmental anomalies
- Inflammatory bowel disease
- Radiation enteritis

When protein requirements is increased

- Burns
- Sepsis
- Severe trauma

When adjunct parenteral nutritional support is required

- Acute renal failure, Hepatic insufficiency, Anorexia nervosa, Intractable vomiting, Coma, Malignant disease



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In Search of Excellence



AN ISO 9001 CERTIFIED COMPANY

