

Launching of Plasmasol by Orion Infusion Ltd.

A special supplement published on the occasion of launching of PLASMASOL the first Plasma Substitute Solution manufactured in Bangladesh

MESSAGE



بسم الله الرحمن الرحيم



Dr. A. F. M. Ruhul Haque MP
Minister
Ministry of Health and Family Welfare
Govt. of the People's Republic of Bangladesh

I am delighted to know that Orion Infusion Limited has been successful in manufacturing for the first time in Bangladesh a very hi-tech drug, 6% Hydroxyethyl Starch Solution, named "PLASMASOL". This infusion solution will be used for the patients who are in severe hemorrhagic condition. I do congratulate Orion Infusion Limited for achieving this success.

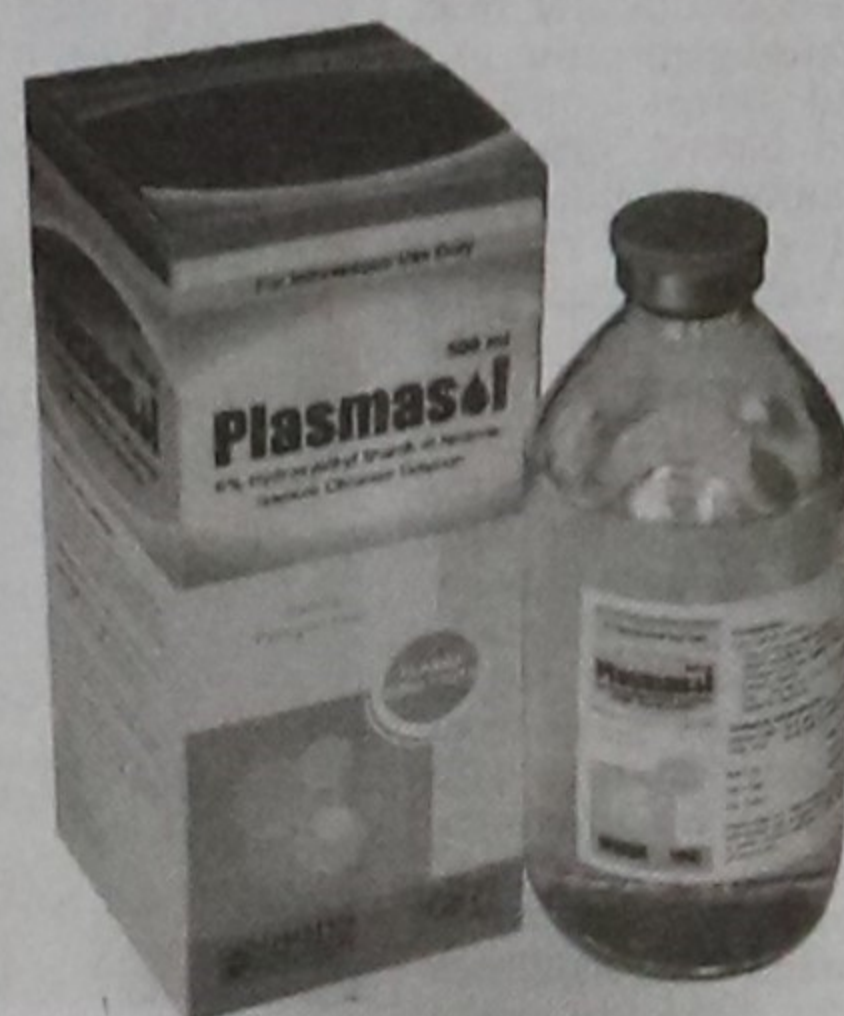
Bangladesh was totally dependent on import for such products so far. It is a very encouraging news that from now onwards the patients of the country will be able to use this world class drug easily getting it available in the country at an affordable cost. I hope that it will also open yet another opportunity to earn foreign currencies through export soon.

The introduction of "PLASMASOL" by Orion Infusion Limited carries a testimony to the capability of pharmaceutical industries of Bangladesh in manufacturing world-class products. Orion Infusion Limited previously introduced another life-saving drug namely Proliv that helps to fill up the shortage of nitrogen in human body. I wish the launching of "PLASMASOL" all success with the hope that Orion will continue their efforts in introducing innovative and high quality products to further enrich the health sector of the country.

Joy Bangla, Joy Bangabandhu
Long live Bangladesh

(Signature)

Dr. A. F. M. Ruhul Haque



MESSAGE

بسم الله الرحمن الرحيم



Salman O. Karim
Director
Orion Infusion Ltd.

This is indeed a great pleasure to announce that we have once again become successful in manufacturing a new hi-tech life saving product Plasmasol, first ever in Bangladesh. Plasmasol is defined as a plasma volume substitute that contains 6% Hydroxyethyl Starch in isotonic sodium chloride solution. We believe that the introduction of Plasmasol in Bangladesh will open new era in the pharmaceutical market.

Bangladesh was totally dependent on import for such products so far. But we have made it possible to produce this drug in our country to serve the people. We believe that with the introduction of Plasmasol in Bangladesh, millions of patients of our country will be able to use it at an affordable cost. This will not only save our hard earned foreign currency, it will also open opportunities to earn foreign currencies through export.

Everyday, millions of people go through many haemorrhagic conditions due to accidental injury, major surgery, burns, shock etc. Plasmasol will help to recover this situation and give a new life by improving blood volume, oxygen supply and organ functions. Plasmasol is a combined result of intense efforts, desire and dedication of our team that have made possible to serve the people of our country once again.

Orion Infusion Ltd. is always committed to work "in search of excellence" by utilizing advanced drug delivery system to develop new drugs for the people of Bangladesh. We have strong team of qualified and committed researchers to develop new products and new technologies with a number of advanced research centers. This has now grown into habit that, Orion Infusion Ltd. has been introducing new concepts and products in local market. Earlier, Orion Infusion Ltd. introduced "Proliv", an amino acid preparation, also for the first time in Bangladesh to treat millions of malnourished patients. "Proliv", a sterile aqueous solution of crystalline amino acid and D-sorbitol, is now a brand of Orion Infusion Ltd., which is necessary as the nitrogen sources for parenteral nutrition. In continuation of rendering new drugs and to serve the people, Orion Infusion Ltd. is going to launch Plasmasol and I believe that it will be a milestone that will create a vibration in pharmaceutical industry.

We are very much thankful and grateful to our patronizers for their valued supports. With the support and assistance of our valued and respected doctors' we can assure that we will be able to bring more innovative products in the coming days also.

I wish all the success of inauguration program and a terrific start of Plasmasol.

(Signature)

Salman O. Karim

MESSAGE



بسم الله الرحمن الرحيم



Shaikh Altaf Ali
Secretary
Ministry of Health & Family Welfare
Govt. of the People's Republic of Bangladesh

I am pleased to know that, Orion Infusion Ltd. is going to launch 6% Hydroxyethyl Starch solution - PLASMASOL, a plasma volume substitute for the critically haemorrhagic patients, manufactured first ever in Bangladesh.

Orion Infusion Ltd. has exhibited their utmost efforts to serve people by launching PLASMASOL, a plasma volume substitute at affordable price, thereby, saving our valuable foreign currency & reducing dependency on importation.

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

I wish the PLASMASOL launching program a great success.

(Signature)

Shaikh Altaf Ali

MESSAGE

بسم الله الرحمن الرحيم



Md. Tawhidul Bashir
Director, Marketing
Orion Infusion Ltd.

In health care services to meet the demand of IV fluids, Orion Infusion Ltd started its operation as a Large Volume Parenteral product (LVP) manufacturer in 1989. Today Orion Infusion Ltd. is one of the largest manufacturers of LVPs in Bangladesh. The company has been working with the commitment of supplying required quantities of highest quality LVPs to the remotest areas of the country at affordable costs.

There has been continuous development of science & technology in order to meet the evolving needs of human beings. This development is even more obvious in medical science. With the development of science and technology there has been numerous hi-tech new products and medical equipments in developed countries, most of which are not manufactured in our country. By using latest development of IT and state - of - the art technology, Orion Infusion Ltd is always engaged to contribute for the advanced treatment of human beings. With the continuation of this pursuit, Orion Infusion Ltd. has been able to manufacture, first time in Bangladesh, a very hi-tech and life saving product, 6% Hydroxyethyl Starch, with the brand name "PLASMASOL". This is in deed a great victory in the pharmaceutical arena of Bangladesh.

Considering the need of the large population of Bangladesh we are going to launch this life saving product "PLASMASOL". "PLASMASOL" IV infusion is an isotonic solution of 6% Hydroxyethyl Starch.

It is mentionable here that, Orion Infusion Ltd. was also the pioneer of manufacturing Amino Acids Solution named "Proliv" in Bangladesh. We extend our heartiest gratitude to our respected doctors and chemists for their valued support to establish Proliv. We believe, like Proliv in the treatment of malnutrition, "PLASMASOL" will be of great value in the management of haemorrhage associated critical situations. OIL is committed to serve for the cause of ailing humanity.

May Allah help us.

(Signature)

Md. Tawhidul Bashir

MESSAGE



بسم الله الرحمن الرحيم



Brigadier General Md. Ismail Hossain
Director
Directorate of Drug Administration
Govt. 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 6% Hydroxyethyl Starch solution, PLASMASOL, on 29th Oct 2009.

Though Bangladesh has achieved a remarkable success in the Pharmaceuticals Industry meeting around 97% of its requirement of medicinal products, a big need for manufacturing Hydroxyethyl Starch solution remained unsatisfied. PLASMASOL is a life saving product for patients who are in severe haemorrhagic condition. Introduction of PLASMASOL 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 PLASMASOL a grand success.

(Signature)

Brigadier General Md. Ismail Hossain

Our Mission



To improve the health of people of Bangladesh and achieve stakeholders' satisfaction by manufacturing and marketing LVP and other sterile products.

Our Goals



To sustain a significant sales growth above industry average.
To develop employees' skill through continuous training and development programs.
To be established as one of the most preferred pharmaceutical companies in Bangladesh to work for.
To upgrade manufacturing facilities continuously in order to cope with changes.
To assure quality products from our manufacturing facilities through cGMP.
To focus on total customer satisfaction.

Our vision



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

Our values



In order to achieve our aspired vision we shall subscribe to the following values

- Quality in every thing 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
- Share social responsibility

Company brief :

Orion Infusion Ltd. 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. As 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 Fluids (IV), Rehydration Solution, Electrolyte Solution, Solution of Acidosis, Ranitidine IV, Anti-microbial products like Ciprofloxacin IV, Metronidazole IV. OIL introduced Amino Acid Solutions which is most sophisticated & hi-tech products, first ever manufactured in Bangladesh. In continuation of rendering new drug OIL is going to launch another hi-tech product Plasmasol (6% hydroxyethyl starch) which is an ideal plasma substitute, first ever manufactured 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 first and only LVP manufacturing company in Bangladesh marketing PSG autoclaved IV fluids, which is absolutely crystal clear in appearance in contrast to Black Steam Generator autoclaved IV 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, Ventilating & 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 packaging 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 pharmaceutical 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 and technology, complying with the guidelines of Good Manufacturing Practice (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.

Highlights on Plasmasol

Plasmasol is a colloidal plasma substitute which is the solution of 6% Hydroxyethyl Starch in isotonic sodium Chloride. Plasmasol is indicated in cases in which large scale loss of blood, plasma and other body fluids. This Product is also used to prevent loss of blood pressure during induction of epidural & spinal anaesthesia and to reduce the use of homologous donor blood.

Worldwide 6% Hydroxyethyl Starch (Plasmasol) is the first choice of drug in the hospital as a plasma substitute to replace plasma, fluid or blood loss because :

- restores 100% blood volume for up to 4 hours
- exerts significant improvement in blood flow, micro & macro circulation and oxygen supply
- exerts iso-oncotic volume effect
- ensures potent haemodynamic action
- no risk of tissue edema & infection
- safe and well tolerated
- protects from risk of organ failure
- improves patient's condition and the clinical outcome
- saves donor blood
- suitable alternative of blood

The state of the art product for volume replacement therapy

Plasmasol is indicated in

- Hypovolemia
- Traumatic shock
- Burn shock
- Haemorrhagic shock
- Septic shock



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In Search of Excellence



AN ISO 9001 CERTIFIED COMPANY