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Multibionta Infusion Leaflet		
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Multibionta® Injection for infusion (Multivitamins)

مَلٹی بیونٹا® انجکشن
برائے انفیوژن

A highly concentrated, stable combination
of eight vitamins, for adding to
I.V. infusions solutions.



صرف بین اور پیدینے جانے والے انفیوژن میں شامل کرنے کے لئے
آٹھ جیتین (وٹامن) پمپشٹل ایک مستحکم اور طاقتور مرکب۔

Composition:

Each 10ml contains:

Vitamin A (Palmitate), USP.....	10,000 I.U.
Vitamin B1 (Thiamine Hydrochloride), USP.....	50 mg
Riboflavin 5'-Phosphate Sodium, USP.....	10 mg
Vitamin B6 (Pyridoxine Hydrochloride), USP.....	15 mg
Nicotinamide, USP.....	100 mg
Dexpanthenol, USP.....	25 mg
Vitamin C (Ascorbic Acid), USP.....	500 mg
Vitamin E (dl-Alpha Tocopheryl Acetate), USP.....	5 mg

Read **all** of this leaflet carefully before you start taking this medicine because it contains important information for you.

- Keep this leaflet. You may need to read it again.
- If you have further questions, ask your doctor or your pharmacist.
- This medicine has been prescribed for you only. Do not pass it onto others. It may harm them, even if their signs of illness are the same as yours.
- If you get any side effects, talk to your doctor or pharmacist. This includes any possible side effects not listed in this leaflet.

What is in this leaflet?

- What is Multibionta® Injection?
- What are the indications for Multibionta® Injection?
- What should be the dose of Multibionta® Injection?
- What are the contraindications of Multibionta® Injection?
- What are the adverse effects of Multibionta® Injection?

What is Multibionta® Injection?

Multibionta® Injection is a combination of Vitamin A, Vitamin B1, B2, B3, B5, B6, Vitamin C and Vitamin E. Vitamin A is needed for new cell growth, healthy skin, hair, and tissues, and vision in dim light. Vitamin B1 or Thiamin is required for energy metabolism and important to nerve function. Vitamin B2 or Riboflavin is important for normal vision and skin health. Similarly Vitamin B3 or Niacin is important for nervous system, digestive system and skin health. Vitamin B5 or Pantothenic acid is part of an enzyme needed for energy metabolism. Vitamin B6 or Pyridoxine is needed for protein metabolism; helps make red blood cells. Vitamin C is an antioxidant; part of an enzyme needed for protein metabolism; important for immune system health; aids in iron absorption. While Vitamin E is also an antioxidant and protects your cell wall.

What are the indications for Multibionta® Injection?

Being a combination of multiple vitamins, Multibionta® has extremely wide field of indications that include the promotion for fast recovery after severe illness, severe vomiting, post-operative restrictions of oral nutrition in burns and many other conditions where parenteral nutrition is required. Or if you require treatment of complex vitamin deficiencies, to augment glucose therapy as well as to improve mental functions. Your physician may prescribe Multibionta® Injection to prevent and control the side effects related to drugs like sulphonamides, antibiotics and disease conditions such as tuberculosis.

What should be the dose of Multibionta® Injection?

Always take Multibionta® Injections exactly as your doctor has told you. If you are not sure, check with your doctor or pharmacist. The usual recommended dosage is one ampoule daily by infusion or as prescribed by your physician. Your nurse or pharmacist will check the ampoule immediately before use to see if there is any visible turbidity in the infusion solution. He / she will then mix the contents of the ampoule to a full infusion bottle containing not less than 250 ml of infusion solution. In order to minimize possible loss of active substance in a mixture, it is recommended that solution to which this product is added should be used within 8 hours.

What are the contraindications of Multibionta® Injection?

Do not take Multibionta® Injections

- if you are allergic (hypersensitive) to Multibionta® or any of the other ingredients of Multibionta® Injections.

Tell your doctor before taking Multibionta® Injections if you

- you are suffering from renal disease
- If you are taking aspirin, he may adjust your dose accordingly.

Taking other medicines

Please tell your doctor or pharmacist if you are taking or have recently taken any other medicines, including medicines obtained without a prescription. In particular:

- medicines containing dopamine, levodopa (a drug to control Parkinson's disease, a progressive brain disorder)
- Phenytoin or phenobarbitone (drugs to control epilepsy)
- Sulfasalazine (drug to control pain in arthritis)
- Warfarin, heparin or other such drugs that are blood thinners.

Pregnancy and breastfeeding

B-Complex vitamins are excreted in breast milk therefore you must tell your doctor or pharmacist regarding the use of Multibionta® Injections if you are breast-feeding your baby.

Driving and using machines

This medicine should not affect your ability to drive or use machines.

What are the adverse effects of Multibionta® Injection?

Like all medicines, Multibionta® Injections can cause side effects, although not everybody gets them.

Contact your doctor at once if the following effects happen:

- Allergic reactions, including rash, itching.
- Heart burn, belching, abdominal pain with or without cramps, loss of appetite, diarrhea, vomiting and nausea.
- Liver abnormalities or abnormal liver function tests
- Acne or similar skin reactions.
- Bright yellow urine discoloration might be due to Riboflavin or Vitamin B2 usage.
- Redness of face or other areas of the skin, faintness, dizziness.
- Muscle weakness, painful muscular cramps, muscle loss, changes in skin, hair and nails could be signs of peripheral sensory neuropathies
- Stone formation with prolonged heavy doses of folic acid have been reported.

If you notice any other side effects not listed, please tell your doctor or pharmacist.

ترکیب استعمال:

ایک ۱۰ ملی لیٹر اینجکشن روزانہ یا ڈاکٹر کی ہدایت کے مطابق۔

استعمال سے فوراً پہلے ایک اینجکشن کے اجزاء لازمی طور پر کم از کم ۲۵ ملی لیٹر بین اور پید انفیوژن محلول میں شامل کریں۔

اس عمل کے بعد مرکب کو نہ بلائیں بلکہ نہایت آہستگی سے محلول کی بوتل اچھیلی کو الٹا کریں تاکہ محلول میں جھجکا نہ بن پائیں۔

اگر انفیوژن محلول میں گدلا پن یا ذرات نظر آئیں تو اسے ضائع کریں۔

مَلٹی بیونٹا® کے اجزاء کی افادیت میں کمی ممکنہ کی رو سے کے لئے سفارش کی جاتی ہے کہ بین اور پید انفیوژن محلول میں مَلٹی بیونٹا® شامل کرنے کے بعد ۸ گھنٹے کے اندر استعمال کر لیں۔

Presentation:

Multibionta Injection for infusion

Pack containing 5 ampoules.

Storage:

Store below 30 °C.

Protect from light and heat.

Keep all medicines out of the reach of children.

۳۰ ڈگری سینٹی گریڈ سے کم درجہ حرارت پر رکھیں۔

روشنی اور گرمی سے محفوظ رکھیں۔

تمام دوائیں بچوں کی پہنچ سے دور رکھیں۔

Manufactured by:

Martin Dow Marker Ltd
7, Jail Road, Quetta, Pakistan.
13002741