Cortiplex B6 Paediatric
Corticoadrenal extract 50 CDU
Pyridoxine hydrochloride 20 mg
Solution For IM Injection
Composition
Each 1 ml contains:
Corticoadrenal extract (equivalent to 150 g of corticosteroids expressed as hydrocortisone) 50 CDU (corticodynamic unit)
Pyridoxine hydrochloride 20 mg
Pharmacodynamics
Cortiplex B6 Paediatric is whole extract of adrenal cortex supplemented with vitamin B6. Adrenal cortex synthesises a number of steroids from which are corticosteroids. Natural corticosteroids act directly on different cells and organs to serve many adaptive functions in the body. The physiological effects of the adrenal corticosteroids are classified into two major categories, glucocorticoid and mineralocorticoid.

Glucocorticoid activities are related to the regulation of energy metabolism, glucose homeostasis, and anti-inflammatory effect.

Mineralocorticoid activities are on fluid and electrolyte balance. By that way corticoadrenal extract is important in maintaining an adequate blood pressure through effects on the vascular system and blood volume.

Vitamin B6 acts as a co-factor for enzymes which are involved in many reactions that affect protein, lipid and carbohydrate metabolism and as well, is effective in reducing the severity of nausea and vomiting.

The adrenal gland of the newborn infant is not fully developed and not functioning with its full capacity. During the infancy period, the child is usually exposed to various diseases with various symptoms such as diarrhea or vomiting which causes fluid and electrolyte imbalance. As a result, the infant will be more prone to dehydration.

Cortiplex B6 Paediatric with its combination of this 2 active ingredients results in a synergistic action which helps as anti-toxic, anti-emetic and anti-hypotensive.

Indications
Exogenous and endogenous toxicosis,
Acute infectious diseases such diphtheria, scarlet fever, typhoid fever, etc....
Seasonal gastroenteritis with vomiting such as summer diarrhea of children.
Acetoanaemic, habitual or other origin of vomiting,
Dehydration, infantile dystrophy and marasmus,
Prolonged convalescence
Side effects
Rarely and in predisposed subjects, allergic reactions have been reported.

Contraindications
Hypersensitivity reactions to one or more of the product ingredients.

Precautions
Administration of Cortiplex B6 Paediatric does not replace the conventional therapy based on serums, anti-infective drugs, and cardiovascular drugs.

Cortiplex B6 Paediatric should be administered in conjunction with rehydration therapy and with conventional therapy which will represent an effective therapy.

Not for Use In Neonates and Infants.

Dosage and administration
One or two ampoules to be administered daily by intramuscular injection

Storage
Store at room temperature, away from light.
Keep out of reach of children.

Presentation
Cortiplex B6 Paediatric ampoules are supplied in boxes of 3 ampoules of l ml each.

Company
Manufactured by:
Global Pharmaceutical Industries (GPI)
5th Industrial zone, 6th of October City - Egypt