

# Cortiplex B<sub>6</sub>

Corticoadrenal extract 50 CDU  
Pyridoxine hydrochloride 20 mg

**This product contains Benzoic acid, which may increase risk of jaundice in newborn babies**

## Composition:

Each 1ml contains:

Corticoadrenal extract (equivalent to 150 µg of corticosteroids expressed as hydrocortisone)

50 CDU (corticodynamic unit)

Pyridoxine hydrochloride (vitamin B<sub>6</sub>) 20 mg

## Pharmacodynamics:

**Cortiplex B<sub>6</sub> Paediatric** is whole extract of adrenal cortex supplemented with vitamin B<sub>6</sub>. 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 B<sub>6</sub> 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 B<sub>6</sub> 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 as 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 B<sub>6</sub> Paediatric** does not replace the conventional therapy based on serums, anti-infective drugs and cardiovascular drugs.

**Cortiplex B<sub>6</sub> Paediatric** should be administered in conjunction with rehydration therapy and with conventional therapy which will represent an effective therapy.

## Dosage and administration:

One or two ampoules to be administered daily by intramuscular injection.

## Presentation:

**Cortiplex B<sub>6</sub> Paediatric** ampoules are supplied in boxes of 3 ampoules of 1ml each.

Store at room temperature away from light.

**Keep out of reach of children**



**Global Pharmaceutical Industries**  
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