

# Polyvital Syrup and Polyvital Drops

## Composition:

### Polyvital Syrup:

Each 5 ml contains:

Vitamin A	5000	I.U.
Vitamin D <sub>3</sub>	400	I.U.
Vitamin E	1	mg
Vitamin B <sub>1</sub>	2	mg
Vitamin B <sub>2</sub>	1	mg
Vitamin B <sub>6</sub>	1	mg
Nicotinamide	20	mg
Vitamin C	50	mg

### Polyvital Drops :

Each 1 ml contains:

Vitamin A	5000	I.U.
Vitamin D <sub>3</sub>	300	I.U.
Vitamin E	2.5	mg
Vitamin B <sub>1</sub>	1.5	mg
Vitamin B <sub>2</sub>	1.7	mg
Vitamin B <sub>6</sub>	2.2	mg
Nicotinamide	19	mg
Vitamin C	60	mg

## Properties:

*Polyvital Syrup and Polyvital Drops* are balanced combinations of vitamins essential for growth and development.

*Vitamin A* is involved in bone and tooth development, visual dark adaptation, skin disease, and mucosal tissue repair; it assists in production of adrenal steroids, cholesterol and RNA.

*Vitamin D<sub>3</sub>* participates in regulation of calcium and phosphates, bone development, and parathyroid activity, which is responsible for regulation of metabolism in the kidneys and neuromuscular functioning.

*Vitamin E* is involved in digestion and metabolism of polyunsaturated fats; it decreases platelet aggregation, decreases blood clot formation and promotes normal growth and development of muscle tissue and prostaglandin synthesis.

*Vitamin B<sub>1</sub>* acts as a coenzyme, as oxidation-reduction agent, or possibly as mitochondrial agent in pyruvate metabolism.

*Vitamin B<sub>2</sub>* functions as a coenzyme in numerous tissue respiration systems.

*Vitamin B<sub>6</sub>* acts as a coenzyme in metabolism of proteins, carbohydrates, and fats.

*Nicotinamide* is necessary for lipid metabolism, tissue respiration, and glycogenolysis; it lowers total serum cholesterol, low density lipoprotein cholesterol and triglyceride concentrations by inhibiting the synthesis of very low density lipoproteins, which are precursors to the formation of cholesterol; it raises high density lipoprotein cholesterol.

*Vitamin C* is needed for wound healing, collagen synthesis and carbohydrate metabolism. As an antioxidant it is involved in some oxidation-reduction reactions as well as many other metabolic reactions.

## Indications:

- *Polyvital Syrup and Polyvital Drops* are multivitamin supplementation for infants, children and adults.
- They help recovery from fatigue after physical and mental effort.
- They are also recommended if there is a need for excess vitamins during growth, lactation, geriatrics or debilitating disease.

## Dosage:

### Polyvital Syrup:

Children (2 - 6 years old), 1 teaspoonful daily.

Children (6 - 12 years old) and adults, 1-2 teaspoonfuls daily.

### Polyvital Drops:

Infants (up to 3 years old), 0.4 ml daily.

Children (3-10 years old), 0.8 ml daily.

Adults and geriatrics, 1 ml daily.

## Side effects:

Allergic reactions, skin rash, and gastro-intestinal disturbance, such as nausea, vomiting, diarrhea or constipation occur rarely.

## Precautions:

To be used during pregnancy only under supervision of a physician.

Do not exceed the prescribed doses.

## Presentation:

Polyvital Syrup: a bottle containing 100 ml.

Polyvital Drops: a bottle containing 20 ml.