BECOSULES® CAPSULES
B-complex vitamin and vitamin C

DESCRIPTION
BECOSULES® Capsules contain B-Complex vitamins and vitamin C.
Each capsule contains:
- Thiamine Mononitrate USP 10.0 mg
- Riboflavin USP 10.0 mg
- Pyridoxine Hydrochloride USP 3.0 mg
- Cyanocobalamin USP 0.005 mg
- Niacinamide USP 50.0 mg
- Calcium Pantothenate USP 12.5 mg
- Folic Acid USP 1.0 mg
- Ascorbic Acid USP 150.0 mg

ACTIONS
B-Complex vitamins and vitamin C function as cofactors of various enzymes which regulate carbohydrate, protein and fat metabolism.
- Thiamine (B1) acts as a cofactor in the decarboxylation of keto acids such as pyruvic acid.
- Riboflavin (B2) plays a vital role in cellular respiratory reactions in conjunction with niacinamide.
- Pyridoxine (B6) takes part in decarboxylation and interconversion of amino acids. It is also required for normal antibody-mediated and cell-mediated immune responses.
- Vitamin B12 (cyanocobalamin) is required for synthesis of DNA (deoxyribo-nucleic acid) and maturation of RBCs (red blood cells).
- Niacinamide (nicotinamide) plays a vital role in cellular respiration in conjunction with riboflavin.
- Calcium pantothenate functions as a cofactor for enzymes involved in transfer of acetyl groups. It is also required for normal antibody response in conjunction with pyridoxine.
- Folic acid, after conversion in the body to folinic acid, takes part in reactions involved in the synthesis of nucleotides and maturation of RBCs in conjunction with vitamin B12. It also plays an important role in lymphocyte-mediated immune response.
- Ascorbic acid (Vitamin C) takes part in biochemical reactions involving oxidation, as in collagen synthesis, and in conversion of folic acid to folinic acid. It is also necessary for normal phagocytic function of WBCs (White blood cells).

Thus an adequate supply of these water-soluble vitamins are not stored in the body to any significant extent, the excess quantities being excreted in the urine. Therefore a test not affected by ascorbic acid should be used.

ADVERSE REACTIONS
Hypersensitivity reactions have been reported with thiamine and folic acid, although these are rare.

DOSAGE
One capsule daily, or as advised by the physician.

STORAGE
Store in a cool and dry place, away from light and children.

SUPPLY
BECOSULES® Capsules : Box containing 16 x 6’s capsules in strip pack.

INDICATIONS
Becosules® capsules are indicated in the treatment of patients with deficiencies of or increased requirement for vitamin B-complex and vitamin C. Such patients and conditions include:
- Decreased intake because of restricted or unbalanced diet as in anorexia, diabetes mellitus, obesity and alcoholism.
- Reduced availability during treatment with antimicrobials which alter normal intestinal flora, in prolonged diarrhoea and in chronic gastro-intestinal disorders.
- Increased requirements due to increased metabolic rate as in fever and tissue wasting, e.g. febrile illness, acute or chronic infections, surgery, burns and fractures.
- Stomatitis, glossitis, cheilosis, paraesthesias, neurolgia and dermatitis.
- Micronutrient deficiencies during pregnancy or lactation.

CONTRAINDICATIONS
Hypersensitivity to any of the ingredients of Becosules® capsules.

WARNINGS
In pernicious anemia, folic acid in Becosules® capsules may correct anemia but aggravate neurological lesion.

PRECAUTIONS
The use of Becosules® capsules in patients with deficiency or increased requirement of vitamins B-complex, and vitamin C should be accompanied by specific therapy for the primary illness.
Treatment with Becosules® capsules should be continued only until the deficiency is corrected or the need for supplementation exists.
Pyridoxine in Becosules capsules may reduce the therapeutic effects of levodopa in Parkinson's disease.
Riboflavin in Becosules® capsules may color the urine yellow.
During treatment with Becosules® capsules the urine may give a false positive result for sugar by Benedict's test because of the presence of ascorbic acid. Therefore, a test not affected by ascorbic acid should be used.

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®TRADE MARK

Manufactured by
RENATA LIMITED
Dhaka, Bangladesh

common, even among apparently healthy individuals.