

Combination of probiotic, Bacillus clausii UBBC-07 with Oral Rehydration Salts for the effective management of Dehydration and gut health

An average of 223 people are affected, annually as a result of dehydration

Probiotic supplements help to restore the beneficial bacteria in the gut. Diarrhea causes dehydration which results in water as well as salt depletion. If you have vomiting along with diarrhea, you lose even more fluids and minerals. Children and seniors, especially, can get dehydrated very fast.

# **INDICATIONS & CAUSES**

Dehydration is caused when people lose more water than they take in. It can be caused by

Gastroenteritis with vomiting and diarrhea

· Fever

Excessive sweating

· Increased urination

If not treated, it can lead to serious complications

· Increased thirst

· Headache

· Urinating less frequently than normal

· Dizziness

Dehydration can strip the bacteria in your gut and result in gut dysbiosis.

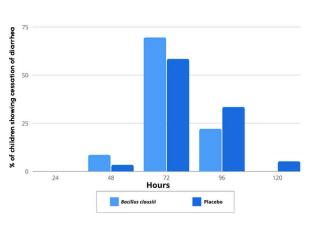
# **USAGES AND BENEFITS**

- · Restores electrolyte imbalance
- · Rehydrates the body
- · Reduces diarrhea
- · Replenishes gut bacteria

# **CLINICAL STUDIES**

# ACUTE DIARRHEA IN ADULTS 8 6 Day 3 Day 6 Day 10 Duration Frequency of defecation (times per day) Abdominal pain (serve-4 to absent-0) Consistency of stool (loose-4 to hard-0)

### **ACUTE DIARRHEA IN CHILDREN**



(Sudha et al., 2013)

(Sudha et al., 2019)

The probiotic strain Bacillus clausii UBBC-07 in PRS-CL helps reduce diarrhea in both adults and children.

# COMPOSITION

Each sachet (4.40 g for 200 ml of ORS solution)

Bacillus clausii UBBC-07- 1 billion CFU

Sodium chloride- 0.52 g

Dextrose anhydrous- 2.7 c

Potassium chloride- 0.3 g

Sodium citrate- 0.58 a

Zinc lactate equivalent to Zinc-0.011 g

## **DOSAGE**

1-2 sachets daily

Dissolve the contents of the sachet in 200 ml normal or cold water and consume within 3 hours