



The time is  
**NOW**  
To deal with

**DEFICIENCIES**

With,

**Henzovit™**

Multivitamin With Trace Elements Capsules

| La Renon |

# ROLE OF VITAMINS IN GUT

**Background** - A tremendous amount of data from research has been published over the past decades concerning the roles of different vitamins in various gastrointestinal diseases. Examples for this include the therapeutic role of vitamin E in patients with non-alcoholic steatohepatitis, the additive role of vitamins B12 and D to the standard therapy of chronic hepatitis C virus, the role of vitamin C in reducing the risk of gallstones, the positive outcome with vitamin B12 in patients with aphthous stomatitis, and the beneficial effect of vitamin D and B1 in patients with inflammatory bowel disease. Given that vitamin supplementation is psychologically accepted by patients as a natural compound with relative safety and low cost, their use should be encouraged in the fields where positive data are available.

**Importance** - Vitamins are chemically unrelated families of organic compounds that are essential as vital nutrients in limited amounts for normal metabolism. With the exception of vitamin D, these vitamins cannot be synthesized in humans and thus need to be taken through diet.

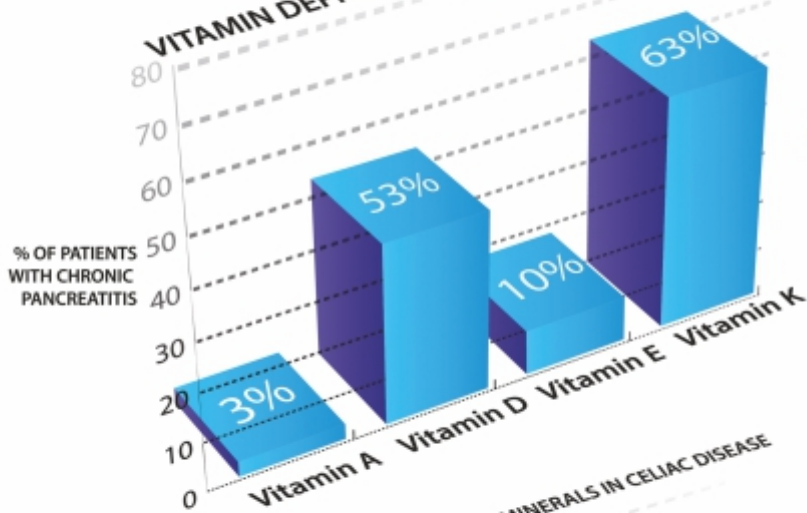
**Correlation With diseases** - Vitamin A levels were found to be low in most patients with inflammatory bowel disease (IBD) <sup>1</sup>, Crohn's disease can commonly involve the terminal ileum, which is the site of B12 absorption <sup>2</sup>, Folate deficiency has been found to be associated with inflammatory bowel disease, Pyridoxine deficiency is relatively common in IBD affecting 10%-15% of patient <sup>3</sup>, Vitamin D deficiency is common in patients with newly diagnosed as well as chronic IBD <sup>4</sup>, Early pilot studies and small RCTs suggested a beneficial role, biochemically and histologically, of vitamin E in patients with NASH <sup>5</sup>, The antitumor activity of vitamin K on HCC has been extensively investigated and reported that vitamin K2 has a preventive effect on the development of HCC in women with viral liver cirrhosis. Small interventional trials suggested that vitamin K2 might prevent HCC recurrence after 3 years post-therapy but without a clear survival benefit <sup>6</sup>

## References:-

- 1 J Pediatr Gastroenterol Nutr. 1998 Feb; 26(2):129-35.
- 2 Inflamm Bowel Dis. 2014 Jun; 20(6):1120-8.
- 3 Am J Gastroenterol. 2003 Jan; 98(1):112-7.
- 4 Nat Clin Pract Gastroenterol Hepatol. 2005 Jul; 2(7):308-15.
- 5 J Pediatr. 2000 Jun; 136(6):734-8.
- 6 BMC Gastroenterol. 2012 Nov 29; 12():170.

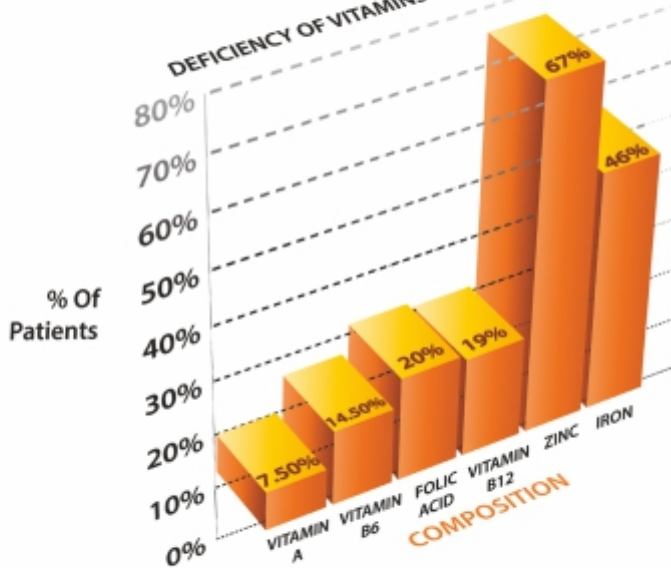


### VITAMIN DEFICIENCY IN PATIENT WITH PANCREATITIS



Source: Sikkens et al; Pancreatology ;13(3):238-42: 2013

### DEFICIENCY OF VITAMINS & MINERALS IN CELIAC DISEASE



Source:- Nutrients 2013, 5, 3975-3992; doi:10.3390/nu5103975

# Henzovit™

## Multivitamin With Trace Elements Capsules

**Use** – Henzovit can be used under the consultation of a Medical Practitioner as a supplement for indications such as:

1. Celiac Disease
2. Inflammatory Bowel Disease
3. Pancreatitis
4. Esophageal and Pancreatic cancer
5. Aphthous stomatitis
6. Gallstones
7. Cholestatic liver diseases and others as deemed fit by the Medical Practitioner

**Composition:-**

### VITAMINS

Constituents	Strength
Vitamin A	300 mcg
Vitamin D	5 mcg
Vitamin E	5 mg
Vitamin K	27.5 mcg
vitamin C	20 mg
Vitamin B1	0.7 mg
vitamin B2	0.8 mg
Vitamin B3	9 mg
Vitamin B5	2.5 mcg
Vitamin B6	1 mg
Vitamin B12	0.5 mcg
Folic Acid	100 mcg
Biotin	15 mcg

### MINERALS

Constituents	Strength
Iron ( <i>elemental</i> )	8.5 mg
Calcium ( <i>elemental</i> )	100 mg
Zinc	6 mg
Selenium	20 mcg
Copper	0.675 mg
Iodine	75 mcg
Manganese	1 mg

**Dosage** – As prescribed by a medical practitioner

**Storage:-** Store in a cool and dry place, protected from direct sunlight. Keep out of reach of children.

**La Renon Healthcare Pvt. Ltd.**

207-208 ISCON Elegance | Circle P | Prahlad Nagar Cross Roads  
S.G.Highway | Ahmedabad - 380015 | Gujarat | India.  
Phone: +91-79-6616-8998 | Fax: +91-6616-8998  
E-Mail: info@larenon.com | www.larenon.com

I am \_\_\_\_\_  
Call me on \_\_\_\_\_  
Mail me at \_\_\_\_\_