

# **Bibleway Health Camp 2020**

2<sup>nd</sup> to the 9<sup>th</sup> of August 2020



### 5. Vitamins

**Vitamin A** - A hallmark of vitamin A deficiency is depressed antibody responses to T-cell-dependent antigens, such as viral and parasite antigens, and T-cell independent type 1 antigen, such as meningococcal polysaccharides. The mechanisms by which vitamin A deficiency impairs antibody responses include alterations in interleukin (IL)-4 and interferon-gamma production and IL-2 receptor expression. Also, the growth and activation of T- and B-cells are dependent on vitamin A and its metabolites. Natural sources for vitamin A are:

- 1) Cod Fish Oil (animal product) taken as recommended on the package.
- 2) Carrot juices Beta Carotene will only be converted into Vitamin A if you take iodine supplement together.

**Vitamin B6** - T-lymphocyte and T-helper cell numbers, and the percentage of T-suppressor cells significantly increased when taking vitamin B6. Natural sources for vitamin B6:

- 1) Avocado flesh and seed. You can eat the avocado flesh and grate the avocado seed and make tea with it.
- 2) Brewest yeast added to food.

**Vitamin B12** - Intake of this vitamin helps increased the lymphocyte counts, and the number of CD8+, NK cell activity, was improved. Natural sources:

- 1) Spirulina taken as a drink.
- 2) Miso taken as a soup or use in food. (Example is shown below)

## Ingredients

30 grams Bamboo soothe slices

950 ml of water

1/2 cup fresh spinach

1/4 cup tofu (silken, cubed)

- 4 dried shiitake mushrooms (rehydrated)
- 1 tablespoon wakame (dried)
- 3 tablespoons miso paste (dark)

**Kelp** - taken as soup or use in food. (Example is shown below)

Ingredients

- 1 tablespoon virgin coconut oil (organic added after the cooking process is completed)
- 1 clove garlic (crushed)
- 1/2 Fresh Ginger (small, thinly sliced)
- 1/2 pound baby bok choy (or 2 small, thinly sliced)
- 1/4 teaspoon unrefined salt
- 1 Tbs minced parsley
- 2 tablespoons Tamari soy sauce to taste)
- 50gram Tofu
- 1 tablespoon toasted sesame oil

Vitamin C - may increase the production of B-Lymphocytes, stimulate the production of Interferons (including Interferon Gamma); increase the production of Lymphocytes; enhance the activity of NK Lymphocytes (by up to tenfold). Phagocytes may be unable to destroy Antigens unless Vitamin C is present; increase the motility of White Blood Cells and may facilitate their transport to the sites of Infections; increase the production of antibodies such as IgA, IgG, and IgM.

### Natural sources:

Acerola - 2,000mg (taken every other day)

Vitamin C smoothie (taken every other day); 1,000mg Acerola, A handful Parsley, A handful Capsicum Red, 200ml Blackcurrants pure juice, 1/4 Tsp dried chili

## Disclaimer

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Individual medical needs are very different; you should not assume that the information on the document concerning certain recommendation for immune enhancement will apply to you. Rather, you should evaluate you medical condition and make treatment decisions based upon consultation with your physician.

**Register Now!** 

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