

IMMUNALL Ltd

Natural Food Supplements United Kingdom



Health depends on the Acid-Base balance in the body.

The Acid-Base balance can be very important for proper functioning of the Metabolism and Digestion, Fertility and the Overall Health, Performance and Endurance.

An incorrect Acid-Base balance can also determine the rate of Ageing and Development of Disease.

**The Body, its Blood and all its Liquids have a measurable PH.
All cells, Organs and Bodily Fluids need a Specific PH to Perform at its Best.**

**Many Metabolic reactions will not complete without a Specific PH. Enzymes are very sensitive to Acidity levels and can only Perform with their Specific PH.
When Enzymes cannot function Properly, it will affect All Chemical reactions which are taking place in the body.**

Condition depends on how the internal cell environment functions. Correct function should lead to:

- the elimination and transport of waste products
- the metabolic function of cells
- the transport of nutrients

Causes of Acidification

Nutrition, Sugars and Starches, Stress, Medications and Excessive Muscle Strain and Poor Elimination of Waste Products, Insufficient Oxygenation.

Acid Waste Processing

The body will try to eliminate Acid waste by our regular excretory systems such as the Lungs, Kidneys, Liver and Skin.

Besides the Excretion, the body will try to keep the Acidity of our Blood on a constant level using our Alkaline Buffer.

When the amount of Acid waste is too large to be excreted, or neutralised by the Alkaline Buffer, our body divers to other mechanisms to keep the PH constant; it transforms the 'Liquid Harmful Acids' into 'Non Harmful solid Crystals'.

For this process the body uses Alkaline Minerals like Calcium and Magnesium from our bones and binds it with the excessive Harmful Acids.

These newly formed 'Acid Salts' have Neutral PH but are deposited in the Tissue and in the Joints.

This is part of the Defence System to Protect the functioning of the Vital Organs.

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Prolonged Acidification:

Chronic presence of waste products causes poor transport of nutrients and low energy levels, Problems in Joints and Muscles, Skin problems, Weakened Immune System, Low Fertility, Excessive perspiration and bad body odour.

Solution: De-Acidification.

Pursuing a Healthy Life Style will have a Positive Effect.
Active De-Acidification to Counter Balance Body Acidification.

This is the Process by which the daily flow of Acid Waste is Neutralised and Acid residues are removed from the body.

A Balanced Acidity Level of the body is Essential for a Healthy Life.

By De-Acidifying regularly or Daily the organs can Function Properly resulting in feeling Vital and Energetic, and Looking Great.

How Health can be Promoted in The Body

1. Regulating the digestive system.

By Improving the functioning of muscles of the gut and increasing the secretions of the gastro-intestinal glands, the nutrients will be more easily absorbed.

This supplies the body with more energy and therefore, promotes optimum health.

2. Purifying.

During Stress of Any kind, like Illness or Demanding Exercise or an Infection, cellular waste and toxins will develop and suppress the functioning of the immune system.

Detoxifying the body mainly takes place in the liver. Protecting and stimulating the liver during stress and when the body is under threat, it is essential for maintaining an optimal cell environment. This is extremely important for the maximum Performance and Health of the body.

It is Important that toxins cannot cause internal poisoning of the hepatocytes(liver cells).

And that Neutralising Free Radicals by the Gut and Liver, will be supported.

Due to this the peroxidative effects can be restricted.

By stimulating the Kidneys Molecular metabolic waste products will be transported through the urine system.

By stimulating both liver and kidneys, and enhancing the purifying capacity of the cell environments, the Acid-Base balance can be Restored.

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3. Energy

Extra energy will be produced by glycosides. These stimulate the carbohydrate metabolism in the liver forming both ATP and GTP. Glucose levels will also rise and be absorbed, influenced by ACTH and a higher level of insulin.

More energy, therefore, will be available for:

- physical activity
- immune system/resistance
- cell regeneration/recovery

4. Resistance

It is Important to improve resistance to stress and generate resistance against poisons of a physical, biological and chemical nature.

These are factors in unbalancing the Acid-Base Balance.

5. Immune system

Strengthening the Immune System by Purifying the Blood and the Lymphatic system and Activating all Defence Systems of the Body and related Systems just like T-Cells, Macrophages and NK-cells (Natural Killers Cells).

6. Recovering from stress, competition and illness.

It is important to Stimulate Lymph Circulation and enhance the activity of fibrocytes and fibroblast cells.

Aiding Draining of Liquids and Waste Products to Cleanse the Body Maintaining the Acid-Base Balance.

Immunall concentrates on the Stimulation of the Immune System and Internal Organs, who's Functions are closely related to the Natural Defence System against Stress of All Kinds and Imbalance of Micro Organisms.

AfterAce concentrates on Maximizing the Freedom of Movement; by Encouraging the Elimination of Waste Products from area's relating to a Healthy Musculoskeletal system.