



SOCIAL MEDIA REPORT  
JULY / SEPTEMBER 2020



The Solution for a Healthy Daily  
pH Balance

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**INFORMATION &  
RESEARCH PROVIDED BY**

PATHELEN HEALTHCARE AG



**PREPARED BY**

UNIPHARMA GROUP



# BACKGROUND

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'PATHELEN® ALKALINE VITALITY COMPLEX' IS AN ADDITIONAL PRODUCT OF PHC, WHICH RECENTLY PASSED THE TEST PHASE AND IS SCHEDULED FOR MARKET ENTRY IN Q3 2020. DUE TO ITS INGREDIENTS AND THE UNIQUE MANUFACTURING PROCESS, PATHELEN® ALKALINE VITALITY COMPLEX PROMOTES HEALTHY IMMUNE FUNCTIONS

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The first project of the PATHELEN HEALTH CARE AG (PHC) was the development of a specific wound powder for chronic wounds that would be able to overcome the steadily growing increase of inefficiency of antibiotics. The powder generates granulating tissue after 5-10 days and eliminates all germs in the wound, even with multi-resistant germs infections with .

During our analysis of patients with chronic wounds, it was discovered, that **all patients, especially those suffering from diabetes, were very heavily over acidified.**

Scientific studies have shown that infections are caused in particular by a **weak immune system**, which is **always associated with an extremely acidic lymphatic system.**

The famous physiologist Dr. Arthur C. Guyton writes: "The removal of protein from the tissue by our lymphatic system is an absolutely vital function, without which we would die within 24 hours". The lymphatic circulation remains in motion as long as the proteins do not clot. Clotting happens when patients have a protein over-nutrition and suffer from an insufficient supply of oxygen.

Is the lymphatic system working normally on the other hand, infections are better averted and injuries are healing up much faster.

Our lymphatic system comprises of about 600 lymph nodes that work as filter stations. Their task is to retain or destroy harmful substances, toxins, bacteria and viruses. Each lymph node is preparing white blood cells to defend our body against intruders and/or poisoning.

Studies have shown, that the **lymphatic system works best at a pH value of 7.4.**

According to the American Association for Clinical Chemistry, acidosis is characterised by a pH of 7.35 or lower, while a value of 7.45 or higher marks an alkalosis. Acidosis can lead to numerous health issues and can in some cases even be life threatening.

There are two types of **acidosis, respiratory and metabolic acidosis.** And while it would defeat the length and purpose of this abstract, it should be noted, that **both kinds are responsible for the majority of common diseases and infections.**

It is estimated that **80-90% of the population suffer from some kind of acidosis.** This development of the so called hyperacidity, also correlates with the growing numbers of wound occurrences and their developments.

# ACIDOSIS AS A ROOT CAUSE FOR MANY DISEASES

ACCORDING TO NUTRITIONAL EXPERTS AND DOCTORS, IT TAKES UP TO 18 MONTHS TO IMPROVE AN ACIDIC LYMPHATIC SYSTEM AND TO REACH AN OPTIMAL PH VALUE OF 7.4. OUR OBJECTIVE AT PHC WITH THE DEVELOPMENT OF THE PH-BOOSTER PROJECT WAS TO GENERATE AN ALKALINE LYMPHATIC SYSTEM IN THE SHORTEST TIME POSSIBLE.

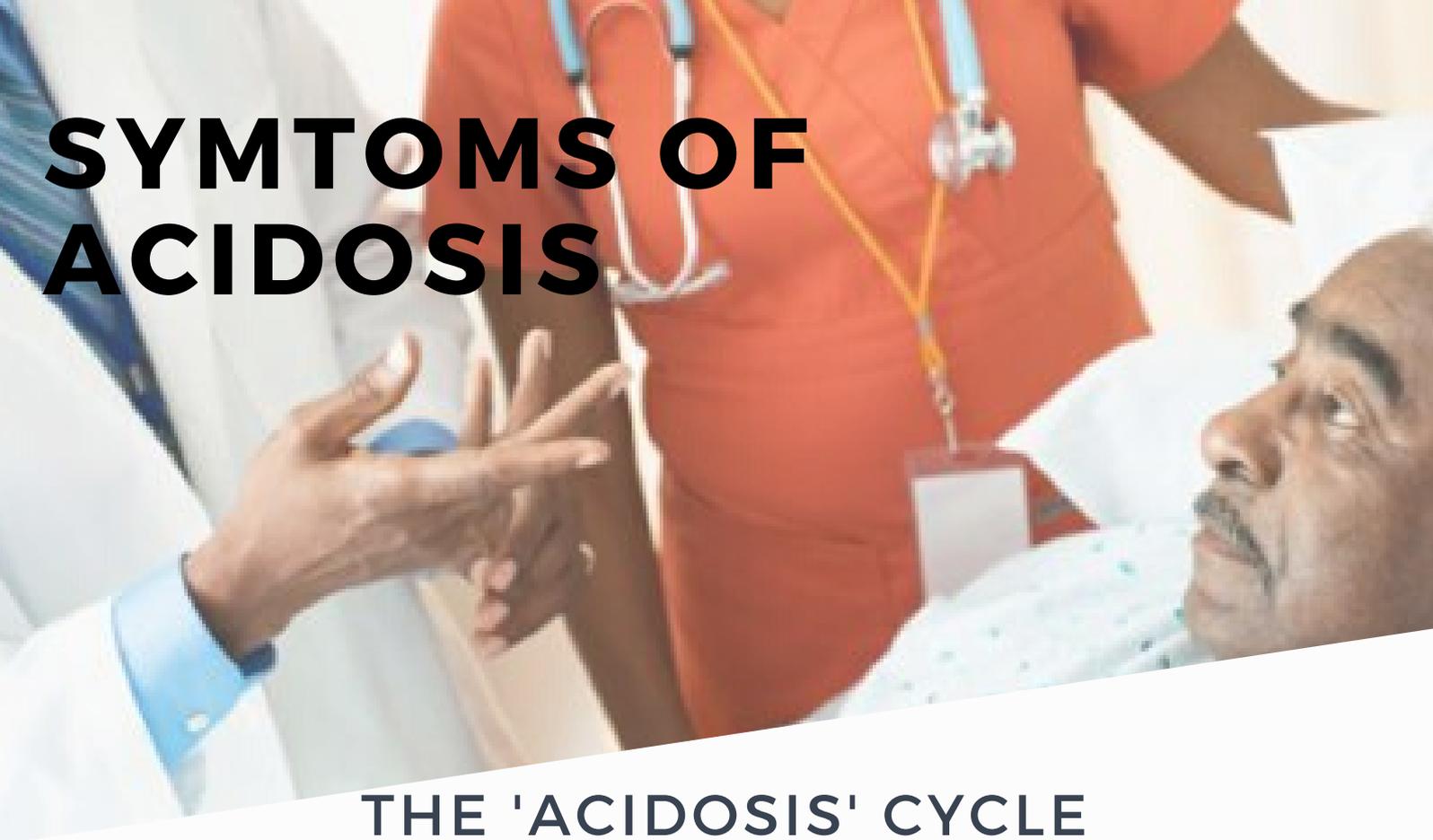
The idea that “being too acidic” contributes to disease susceptibility, especially cancer, has been around for a long time in the natural/integrative medicine world. This concept was easily discounted by conventional medicine as measuring blood pH on various types of diets showed no change.

Up until about 10 years ago, no research existed to counter this skepticism; However, since then, a growing body of research has documented not only that “acidosis” is a real phenomenon, but that it is now known to contribute to a wide range of diseases, such as metabolic syndrome, cancer, osteoporosis, kidney stones, and increased susceptibility to environmental toxins—and new research is adding to the list.”

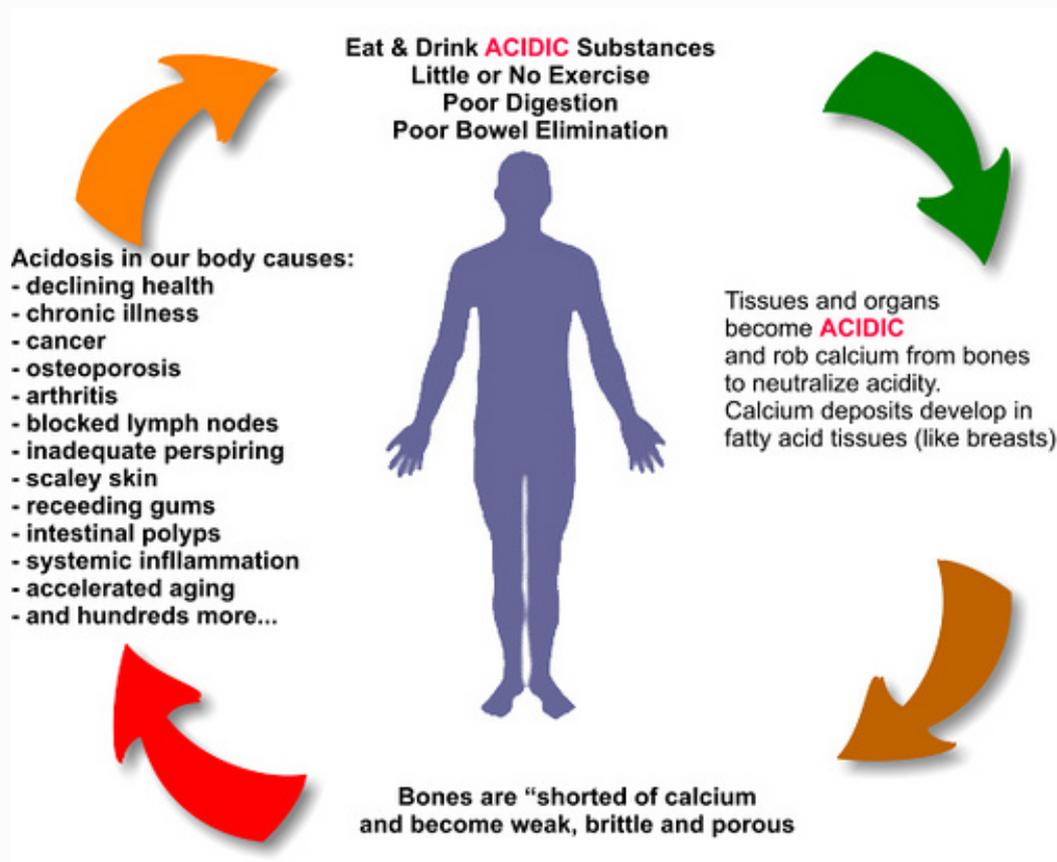
[Joseph Pizzorno, *Acidosis: An Old Idea Validated by New Research*, Integr Med (Encinitas). 2015 Feb; 14(1): 8–12.]



# SYMPTOMS OF ACIDOSIS



## THE 'ACIDOSIS' CYCLE



Understanding the effects of acid-base balance on the inflammatory response is highly relevant to clinical medicine for a variety of reasons. First, current deficiencies in our understanding of the effects of acidosis on a wide range of cellular processes have led to controversy in the way in which patients are managed in a variety of clinical settings. Most clinicians tend to ignore the effects of exogenous  $\text{Cl}^-$  on  $\text{pH}_o$ , but many will treat even mild forms of acidemia. In addition, all forms of metabolic acidosis appear to be associated with prolonged hospital and intensive care unit length of stay. **Because metabolic acidosis is both commonly caused and treated by clinicians, an understanding of the physiologic consequences of altered  $\text{pH}_o$  is imperative.**



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## EXAMPLES OF DISEASES & CONDITIONS THAT ARE CAUSED BY HYPERACIDITY

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There are different mechanisms, especially acids in our body that lead directly and indirectly to various disease symptoms, with some being life-threatening diseases.

In an acid environment, certain diseases and illnesses develop extremely well, conversely these illnesses overacidify our body even more, a vicious circle!

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|----------------------------------|------------------------|--------------------|-------------------------|----------------------------------|
| SKIN DISEASES                    | WEAK CONNECTED TISSUE  | ASTHMA             | HIGH CHOLESTEROL        | TOOTH DECAY                      |
| ALLERGIES                        | BLADDER & GALL STONES  | EYE PROBLEMS       | INTESTINAL HYPERACIDITY | CANCER                           |
| AGEING                           | HIGH BLOOD PRESSURE    | HERNIATED DISC     | INTESTINAL ULCERS       | IRRITATION OF THE NERVOUS SYSTEM |
| LACK OF DRIVE                    | BRONCHITIS             | DEPRESSION         | DIABETES                | SLEEP DISORDERS                  |
| ARTERIOSCLEROSIS                 | BEXHAUSTION SYNDROMENT | DEPRESSION         | CIRCULATORY DISORDERS   | MENOPAUSAL SYMPTOMS              |
| ARTHRITIS/ RHEUMATISM/ ARTHROSIS | BEXHAUSTION SYNDROMENT | DIARRHOEA          | PURULENT TONCILS        | LACK OF CONCENTRATION            |
| HEMORRHOIDS                      | CELLULITE              | FEVER              | GRAY HAIR/ HAIR LOSS    | MULTIPLE SCLEROSIS               |
| PATHOGEN INFECTION               | PREMENSTRUAL SYNDROME  | IRRITIBILITY       | BACK PAIN               | FUNGAL INFECTION                 |
| SUSCEPTIBILITY TO STRESS         | OBISITY                | SKIN ULCERS        | PREMATURE AGING         | STROKE                           |
| GASTRITIS                        | GOUT                   | HEART ATTACK       | HAY FEVER               | HEARTBURNE                       |
| CATARACT                         | LYME DISEASE           | WEAK IMMUNE SYSTEM | CHILDLESSNESS           |                                  |



# 'NO DISEASE CAN EXIST IN AN ALKALINE ENVIRONMENT!'

DR. OTTO WARBURG - NOBEL PRIZE IN PHYSIOLOGY AND MEDICINE IN 1931

## THE FOUNDATION OF PERMANENT HEALTH - AN ALKALINE BODY!

Otto Heinrich Warburg, (8 October 1883 – 1 August 1970), son of physicist Emil Warburg, was a German physiologist, medical doctor, and Nobel laureate. He served as an officer in the elite Uhlán (cavalry regiment) during the First World War, and was awarded the Iron Cross (1st Class) for bravery.[2] He was the sole recipient of the **Nobel Prize in Physiology and Medicine in 1931**. In total, he was nominated for the award 47 times over the course of his career.

The permanent health of the human body by Dr. Warburg's knowledge requires an alkaline organism. Acidification is therefore the foundation of almost all diseases and is almost unchallenged today.

Acidification can be prevented by eating a healthy diet, but if there is acidosis in the organism, it is very difficult to eliminate it purely by changing the diet. Chronic acidity often develops through an unhealthy and unbalanced lifestyle.

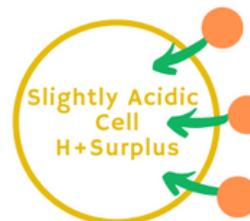
Stress, lack of exercise, plenty of stimulants and high meat consumption form far too many acids that our organism can no longer cope with. It is estimated that 70-80% of the population have an acidified organism. This results in a variety of complications. The activity of the immune system is particularly impaired.

## HEALTHY vs SICK CELL



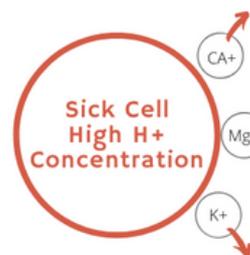
### Healthy Cell

- Slight negative charge
- pH value slightly basic, 7.2-7.4
- Well-functioning metabolism
- Well-functioning Potassium-Sodium pump
- Normal cell division
- Active communication
- Immune defence system intact



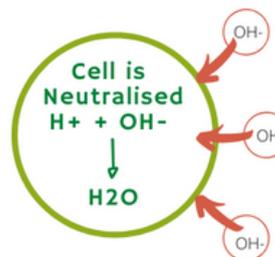
### Continuous Over-acidification of the Cell due to

- Wrong nutrition
- Stimulants, alcohol, nicotine
- Environmental impacts (i.e. smog, radiation)
- Personal environment (stress, anger etc.)
- Medication, chemotherapy
- Illness, accident



### A sick cell is characterized by

- High positive charge
- pH value acidic, under 6.2
- No more metabolism, formation of slag
- Positively charged minerals are rejected, as the charge is same as the cell
- Non-resistance against free radicals
- Fast cell division - tumour formation



### Neutralisation

- Share in OH<sup>-</sup> is increased
- H<sup>+</sup> (positively charged Hydrogen) and OH<sup>-</sup> (Hydroxide) ions combine to form H<sub>2</sub>O
- Neutralisation of the cell environment
- Charge neutralisation
- No acidification of the cell environment



### Return to Healthy Cell

- Slight negative charge
- pH value slightly basic, 7.2-7.4
- Well-functioning metabolism (purification)
- Well-functioning Potassium-Sodium pump
- Normal cell division
- Active communication
- Immune defence system intact

## WHY IS PATHELEN ALKALINE VITALITY COMPLEX SO EFFICIENT?

The ingredients of the Pathelen® Vitality Complex (Booster) have continuously been improved over the last 4 years. To generate significant positive extra- and intracellular effects the use of only the ingredients are not sufficient. It requires a special cavitation process.

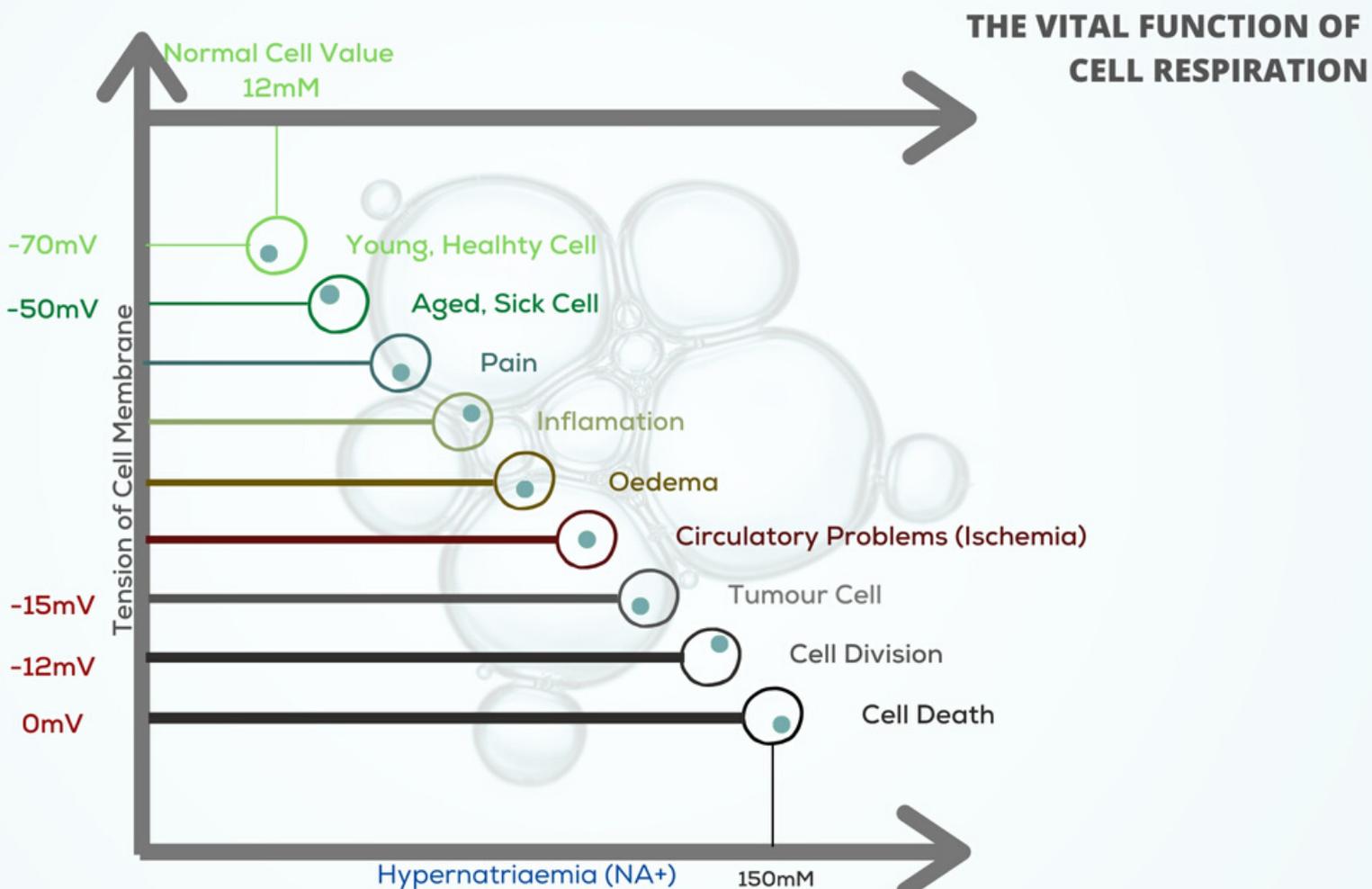
Without further treatment of the PHC teams' novel approach to the cavitation process, the contained active ingredients would not have an influence on cell respiration and tension.

A highly alkaline base is generated by the cavitation process.

Tiny little gas bubbles that surround groups of OH<sup>-</sup> ions and thus prevent the highly reactive hydrogen ions from interacting with particles outside the gas bubble. Only in this way can a large proportion (80-90%) of the OH<sup>-</sup> ions penetrate the Gastric acid passage. An extremely high electron concentration is generated in the solution.

This high electron concentration generates the rapid increase of the pH values of the intra- and extracellular matrix and an optimal nutrient supply of the cells or the "disposal" of the intracellular waste products. If the cell tension is optimized to 70 mV again, it will drastically slow down the cell aging process. The booster is an anion with extremely high energy density.

This is the special feature of the booster, compared to normal H<sub>2</sub>O, the booster solution has an up to 100,000 times higher energy density, which also has a direct positive effect on the intracellular charge and reregulates the optimal supply and disposal of cells.



The vital function of cellular respiration can be described qualitatively by means of such electrical charge values of cells. This voltage drops in parts by more than half i.e. in cancer (from about -70mV to about -15mV).

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## **MANUFACTURING TECHNOLOGY OF THE PATHELEN ALKALINE VITALITY COMPLEX**

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The active ingredients of the pH-Booster are produced in a complex process that generates an extremely high bio-availability and cell mobility on a molecular basis. Therefore only a very small amount is required sublingually, to generate an alkaline lymphatic system.

The process which is based on cavitation generates pressure waves with high pressure peaks. If the vapour bubbles are close to or directly at a solid wall, the implosion creates a liquid jet, a so-called micro-jet, which hits the wall at high speed. These high physical forces generate nano-structures of the ingredients of the pH-BOOSTER and thus also generate the high cell mobility.

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## **INGREDIENTS**

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The ingredients of the product do not only generate an alkaline lymphatic system in a short time. They also contain about 20 important vitamins, nutrients as well as highly important essential amino acids and trace elements.

These ingredients can be metabolised significantly better in an alkaline environment than in an hyperacidic organism.

Pathelen® Alkaline Vitality Complex qualifies as a dietary supplement as it is not acting directly on diseases but is supporting the development of a healthy immune system then to fight them off.

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## THE IMPORTANCE OF CONNECTIVE TISSUE IN LATENT TISSUE ACIDIFICATION

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The loose connective tissue (mesenchyme) establishes the decisive connection between blood vessels and organ cells. Nutrients and oxygen flowing out of the blood capillary system must first pass through the connective tissue in order to reach the organ cells. The waste products released by the cells pass through the mesenchyme in the opposite direction. Vegetative nerve fibres also end in the connective tissue. Various immune cells turn the mesenchyme into a very active and regulative system. In an adult we find about 18 kg of this supporting and transit tissue. It is thus the largest organ in the human body.

The acid load can be represented as follows:

In the first phase, free bases in the organism are used for immediate buffering of the acids. However, the base buffer capacity in the blood decreases with a prolonged acidic exposure. In a second phase the potassium-sodium quotient is shifted. In the third phase, excess acids are temporarily stored in the connective tissue and in cartilage layers. If the body is unable to excrete these excess acids in the long term, these interim storage facilities become final storage facilities.

Finally, the regulatory cycles fall back on the body's own reserves and also destroy bones. Cartilage and teeth contain mineral salts.

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## WHY A SUBLINGUAL APPLICATION OF THE PH-BOOSTER?

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With this kind of application the active ingredients are absorbed by the thin oral mucosander of the tongue much better and faster than with any other application.

Due to this, the sublingual application is often used in emergency medicine and pain therapy also.

## SUMMARY

**The sublingual PAVC generates an alkaline lymph within a few days, usually after 24-48 hrs, and supplies the organism with the most important nutrients in a highly bio available structure.**

✓ PAVC is the only exogenous pH-booster on the market, that is accessing the lymphatic system directly, thus reaching fast results in a very short time.

✓ PAVC is **NOT** a cancer treatment. Instead it has an **holistic approach** and promotes and enables a healthy and optimally working immune system which is beneficial for cancer patients according to the research of Dr. Warburg and a growing number of scientific researchers all over the world. It could be used as an agent to raise extracellular pH to enhance and optimise mAb therapies as well as chemo therapies.

✓ Observations of users of the product show promising results in the prevention of sore muscles of athletes. Preliminary research has shown, that the booster speeds up the reduction of lactic acid in the muscles enabling athletes to train more efficiently and more frequently while experiencing no or only minor pain. This could be a major breakthrough for high-performance as well as recreational athletes and opens up a further scope of application and a new market segment for the product.

# LABEL INFORMATION

The ingredients of our food supplement contributes to the promotion of normal cell function and helps maintain a healthy body. Always consult a recognised medical doctor or pharmacist on health issues before taking food supplements.

Free of Gluten, Lactose, Wheat, Gelatine & Allergens

**DIRECTION OF USE:** Shake bottle vigorously for at least 10 seconds, making sure no sediment is present inside the bottle.

Take 1 dropperful (5ml) under your tongue (keep under tongue for at least 60 seconds), 2 hours before or after each meal.

**CAUTION:** No substitute for a balanced and varied nutrition and healthy lifestyle. Keep away from children.

Not suitable for children and adolescents. In case of illness, pregnancy or breastfeeding, a doctor should be consulted before consuming the product. Store in a cold and dry place.

There are no known side effects. Please discontinue use and contact your healthcare professional immediately in the event of an adverse reaction.

**STORAGE:** Keep out of direct sunlight, in a cool and dry place.



High Strength  
Liquid Antacid  
Support



For a Healthy Daily pH Balance

INGREDIENTS:	DAILY DOSAGE	NRV%*
Tri Magnesium Dicitrate Anhydrate	4.360mg	100%
Tri Sodium Citrate Dihydrate	6.524mg	0%
Tri Calcium Citrate Tetrahydrate	820mg	0%
Tri Potassium Citrate Monohydrate	1.265 mg	100%
Vitamin K2 Menaquininone	10mg	100%
MK7 2.000ppm (Natto) Cholecalciferol mit 100.000 IE/g	1g	100%

\*Percentage of the recommended daily amount according to annex 13 of the Regulation (VO) (EU)1169/2011(LMIV)

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PATHELEN HEALTHCARE GMBH  
Schulstraße 11 | 56370 Bremberg | Germany

Best before: 03/2021

Item Number: NUDNAV.C.EU 100ml e

# INGREDIENTS

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Tri Magnesium Dicitrate Anhydrate	4.360mg	100%
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Tri Potassium Citrate Monohydrate	1.265mg	0%
Vitamin K2 Menaquininone	10mg	100%
MGK 2.000ppm (Natto) Cholecalciferol with 100.000 IE/g	1g	100%

# THE FUTURE

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**PLEASE INQUIRE IF YOU  
WOULD LIKE TO KNOW  
MORE OR LIKE TO TEST  
PATHELEN ALKALINE  
VITALITY COMPLEX**

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We sincerely hope, that we have grabbed your attention and there are many ways to join us in the fight against diseases and suffering.

Pathelen Alkaline Vitality Complex is protected by a novel cavitation process and is in the process to be patented. The initial plan was to launch in Q3 of 2020, but we strongly believe, that with the current Pandemic, everything will be delayed. We need to act now to make this product launch happen in the near future, especially taking the positive affects it can have in the fight against COVID-19 into consideration.

Detailed research is available on request and a call can be arranged with PHC AG CEO Andreas Tausch direct, if there are any detailed questions.

**We are looking at the following business option to bring the product to market should you be interested in our cause.**

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**INVESTMENTS  
PARTNERSHIPS  
NETWORKING  
DISTRIBUTION  
MARKETING  
INTRODUCTIONS**

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