

## **Medical Case Studies and Livestock studies (large scale dairy trials) on the use Ionised Alkaline Water**

This is list of [A. Medical Case Studies](#) and [B. Livestock Studies \(Large Scale Dairy Trial Results\)](#).

**This information is for reference and educational purposes only. The water ionizer and alkaline or acid water is NOT a treatment for any medical condition. If you have a medical condition, please consult your doctor for specialist medical advice. Alkaline water is just water (without the harmful chemicals and acid molecules in it); it has no medicinal substance in to cure any disease condition. Good water, like fresh air or good food will help with general health, but is not a substitute for medical treatment: if you have a medical condition please seek specialist medical advice.**

### **Overview**

The Medical case studies suggest that alkaline water can help with a range of medical conditions. The large scale dairy trials are clear evidence that alkaline water does provide significant health benefits. Animals, remember, are not subject to the '**placebo effect**'. Other published clinical studies, including double-blind studies can be found at: [Clinical Studies Alkaline Water](#) and [Clinical Studies Acid Water](#).

### **A. Medical Case Studies**

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#### **1. High Blood Pressure**

Pro. Kuninaka Hironage, Head of Kuninaka Hospital

"For over 10 years of my experience, my concept toward minerals, especially pertaining to ionic calcium in high blood pressure and other diseases is most significant.

In accordance to the theory of medical Professor Gato of Kyushu University on Vitamin K (because vitamin K enables the blood calcium to increase), or the consumption of more

ionized water , the effectiveness of the increase in the calcium in high blood pressure is most significant. Too many fats in the diets, which lead to the deposition of cholesterol on the blood vessels, which in turn constrict the blood flow, cause most illnesses such as high blood pressure.

By drinking ionized water for a period of 2 to 3 months, the blood pressure should slowly drop, because the ionized water is a good solvent, which dissolves the cholesterol in the blood vessels."

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## **2. Gynecological Conditions**

Prof. Watanabe Ifao. Watanabe Hospital, Japan

"Ionized water improves body constituents and ensures effective healing to many illnesses. The uses of ionized water in gynecological patients have proved to be very effective. The main reason for its effectiveness is that this water can neutralize toxins.

When given ionized to pre-eclamptic toxemia cases, the results are very significant. During my long years of servicing the pre-eclamptic toxemia cases, I found that the women with pre-eclamptic toxemia who consumed ionized water tend to deliver healthier babies with stronger muscles. A survey report carried out on babies in this group has intelligence above average."

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## **3. Heart Disease**

Prof. Kuwata Keijiroo, Doctor of Medicine, Japan

"In my opinion, the wonder of ionized water is the ability neutralizes toxins, but it is not a medicine. The difference is that the medicine can only apply to each and individual case. whereas the ionized water can be consumed generally and its neutralizing power is something which is very much unexpected. Now, in brief, let me introduce to you a heart disease case and how it was cured.

The patient was a 35 years old male suffering from vascular heart disease. For 5 years, his sickness deteriorated. He was in the Setagays Government Hospital for treatment.

During those 5 years, he had been in and out of the hospital 5 to 6 times. He had undergone high tech examinations such as angiogram by injecting VINYL via the vein into the heart. He consulted and sought treatment from many good doctors where later he underwent a major surgical operation. upon his discharge from the hospital, he quit his job to convalesce. However, each time when his illness relapsed, the attack seemed to be even more severe. Last year, in August, his relatives were in despair and expected he would not live much longer. It so happened at that time that the victim's relative came across ionized water processor. His illness responded well and he is now on the road to recovery."

Note: In the United States, cardiovascular diseases account for more than one-half of the approximate 2 million deaths occurring each year. It is estimated that optimal conditioning of drinking water could reduce this cardiovascular disease mortality rate by as much as 15 percent in the United States"

From: Report of the Safe Drinking Water committee of the National Academy of Sciences, 1977

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#### **4. Eczema**

Prof. Tamura Tatsuji, Keifuku Rehabilitation Center, Japan

"Eczema is used to describe several varieties of skin conditions, which have a number of common features. The exact cause or cause of eczema are not fully understood. In many cases, eczema can be attributed by external irritants.

Let me introduce a patient who recovered from skin disease after consuming the ionized water. This patient suffered 10 years of eczema and could not be cured effectively even under specialist treatment. This patient, who is 70 years.. " age, is the President of a vehicle spare parts company. After the war, his lower limbs suffer acute eczema, which later became chronic. He was repeatedly treated in a specialist skin hospital.

The left limb responded well to treatment, but not so on the right limb. He suffered severe itchiness, which, when scratched led to bleeding. During the last 10 years, he was seen and treated by many doctors. When I first examined him, his lower limb around the joints was covered with vesicles. Weeping occurred owing to serum exuding from the vesicles.

I advised him to try consuming ionized water. He bought a unit and consumed the ionized water religiously and used the acidic water to bathe the affected areas. After 2 weeks of treatment the vesicles dried up. The eczema was completely cleared without any relapse after 1 1/2 month."

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## **5. Allergy**

Prof. Kuninaka Hironaga, Head of Kuninaka-Hospital, Japan

"Mr. Yamada, the head of Police Research Institute, suffered from severe allergy. He was treated repeatedly by skin specialist, but with no success. Then he started consuming ionized water. The allergy responded very well and was soon completely cured. No relapse had occurred, although he had taken all kinds of food. He was most grateful and excited about this treatment.

As for myself, I had also suffered severe allergy. Ever since I began to consume ionized water, the allergy has recovered. Since then, I started a research on the effectiveness of ionized water.

I discovered that most allergies is due to acidification of body condition and is also related to consuming too much meat and sugar. In every allergy case, the patient's antioxidant minerals are excessively low which in turn lower the body resistance significantly. The body becomes overly sensitive and develops allergy easily. To stabilize the sensitivity, calcium solution is injected into the vein. Therefore, it is clear that the ionized water has ionic calcium, which can help alleviate allergy.

The ionic calcium not only enhances the heart, urination, and neutralization of toxins but controls acidity. It also enhances the digestive system and liver function. This will promote natural healing power and hence increase its resistance to allergy. In some special cases of illness, which do not respond to drugs, it is found, it is found to respond well to ionized water."

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## **6. Digestive System problem**

Prof. Kogure Keizou, Kogure Clinic of Juntendo Hospital, Japan

"The stomach is readily upset both by diseases affecting the stomach and by other general illnesses. In addition, any nervous tension or anxiety frequently causes gastric upset, vague symptoms when they are under some strain.

The important role of ionized water in our stomach is to neutralize the secretion and strengthen its functions. Usually, after consuming the ionized water for 1 to 3 minutes, the gastric juice increase to 1 1/2 times. For those suffering from hyperchlorhydria or achlorhydria (low in gastric juice ) the presence of ionized water will stimulate the stomach cells to secrete more gastric juice. This in turn enhances digestion and absorption of minerals.

However, on the other hand, those with hyperchlorhydria(high in gastric juice), the ionized water neutralizes the excessive gastric juice. Hence, it does not create any adverse reaction.

According to the medical lecturer from Maeba University, the pH of the gastric secretion will still remain normal when ionized water is consumed. This proves that the ability of the ionized water is able to neutralize as well as to stimulate the secretion."

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## **7. Diabetes**

Prof. Kuwata Keijiroo, Doctor of Medicine, Japan

"When I was serving in the Fire Insurance Association, I used to examine many diabetic patients. Besides treating them with drugs, I provided them with ionized water. After drinking ionized water for one month, 15 diabetic patients were selected and sent to Tokyo University for further test and observations.

Initially, the more serious patients were a bit apprehensive about the treatment. When the ionized water was consumed for some time, the sugar in the blood and urine ranged from a ratio of 300 mg/l to 2 mg/ dc. There was a time where the patient had undergone 5 to 6 blood tests a day and detected to be within normal range. Results also showed that even 1 1/2 hour after meals, the blood sugar and urine ratio was 100 mg/dc 0 mg/dc. The sugar in the urine has completely disappeared."

### **NOTE:**

More Americans than ever before are suffering from diabetes, with the number of new cases averaging almost 800,000 each year. The disease has steadily increased in the United States since 1980, and in 1998, 16 million Americans were diagnosed with diabetes (10. million diagnosed, 5.4 million undiagnosed) Diabetes is the seventh leading cause of death in the United States, and more than 193,000 died from the disease and its related complication in 1996. The greatest increase-76 percent-occurred in people age 30 to 39.

From: U. S. Department of Health and Human Services, October 13, 2000 Fact Sheet.

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## **8. Obesity**

Prof. Hatori Tasutaroo, Head of Akajiuiji Blood Centre, Yokohama Hospital, Faimama District

"Due to a higher standard of living, our eating habits have changed. We consume too much proteins, fats and sugar. The excess fats and carbohydrates are in the body as fats. In the present lifestyles, Americans are more extravagant in food compared to the Japanese. Due to this excessive intake obesity is a significant problem. Normally, one out of five males and one out of four females is obese.

The degree of "burn-out" in food intake largely depends on the amount of intake of vitamins and minerals. When excessive intake of proteins, carbohydrates and fats occurs, the requirement for vitamins and minerals increases. However, there is not much research carried out pertaining to the importance of vitamins and minerals.

Nowadays, many people suffer from acidification that leads to diabetes, heart diseases, cancer, liver and kidney diseases. If our food intake can be completely burned off, then there is no deposition of fats. Obviously, there will be no acidification problem and hence there should not be any sign of obesity.

The ionized water contains an abundance of ionic calcium. This ionic calcium helps in the "burn-off" process. By drinking ionized water, it provides sufficient minerals for our body. As a result, we do not need to watch our diet to stay slim.

Hence, ionized water is a savior for those differing from obesity and many adult diseases, providing good assistance in enhancing good health."

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## **9. Hypochlorhydria or achlorhydria**

Prof. Kuninaka Hironage, Head of Kuninaka Hospital

"Too many fats in the diets, which lead to the deposition of cholesterol on the blood vessels, which in turn constrict the blood flow, cause most illnesses such as high blood

pressure. In accordance with the theory of Professor Gato of Kyushu University on Vitamin K (because vitamin K enables the blood calcium to increase ), or the consumption of more antioxidant water, the effectiveness of the increase in the calcium in high blood pressure is most significant. The consumption of alkaline antioxidant water for a period of 2 to 3 months, I have observed the blood pressure slowly drop, due to the water's solvent ability, which dissolves the cholesterol in the blood vessels."

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## 10. Kidney Disease

Prof. Kuwata Keijiroo, Doctor of Medicine, Japan

Dr Kerijiroo explains that for severe kidney failure, water intake has to be restricted. However whereas ordinary tap water "*contains phosphate, calcium carbonate and the acidic ions. . . . [that] tend to reduce the efficiency of the calcium ions. . . .*" he feels that in controlled amounts, Alkaline Ionic water will "*strengthen the heart and increase urination.*"

He goes on to claim that over the next six to twelve months, the patient should maintain an alkaline diet (reduced animal protein) and continue drinking the Alkaline Ionic water to reduce the amounts of urea and uric acid in the blood. He also feels that, through his clinical experience that patients undergoing kidney dialysis should also drink Alkaline Ionic water as well as those patients with kidney disease who do not respond to drugs.

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## B. LIVESTOCK - LARGE SCALE DAIRY TRIALS

### Results from use of Alkaline Water on 27 Dairy Farms

**Alkaline water was used in place of tap water as the sole source of water for dairy cows.** The results and findings were obtained from 27 dairy farms, along with a report from a group of veterinarians. The source farm and spokesperson of each report is identified at the beginning of the report.

**In general, the following measurable conditions were noted:**

- 1. An increase in milk output by 18% - 28%.**
- 2. A notable improvement in the quality of milk.**

3. **Elimination of strong feces and urine odors.**
4. **Healthier skin condition.**
5. **Minimized injury to the udder.**
6. **Decrease in diarrhea cases.**
7. **Strengthening of the legs.**
8. **Increased appetite.**
9. **Able to reduce mineral supplements normally added to the feed.**
10. **Due to an improved health condition coupled with stronger legs, the productive life span of the cows was extended.**
11. **Improved the fertility rate and reduced still-births.**

Aside from the above, the following observations were noted by the veterinarians:

1. **A noticeably increased appetite; no new supplements were added to their diet. Increase in appetite noted in older cows as well.**
2. **Food well digested.**
3. **A beautiful sheen on the cow's hair.**
4. **Higher fertility rate; higher pregnancy rate.**
5. **New-born calves fed with alkaline water matured quicker.**
6. **A dramatic increase in milk production.**
7. **Improved liver condition.**
8. **Strengthened legs.**
9. **Minimizing of sicknesses; tremendously improved health condition. Fewer visits by vets.**
10. **No adverse conditions noted from consumption of alkaline water.**

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The following are individual findings noted by each dairy farmer who replaced tap water with alkaline water.

### **A. Dairy Farm: Kasahara Ranch**

Location: Nomura, Hokkaido

Spokesperson: Mr. G. Kasahara

1. The milk output increased from 7,000kg to 8,900kg, an increase of 27%.
2. The use of the alkali water instilled a preventive approach to the overall health condition of the dairy cow in lieu of reactive medical means. The overall health condition of the herd improved dramatically.

### **B. Dairy Farm: Shikawa Ranch**

Location: Momembetsu, Hokkaido

Spokesperson: Mr. T. Shikawa

1. There was a noticeable improvement in the quality of the milk.
2. Despite the high temperature during the summer months, milk output had increased dramatically. During the previous summer months, milk output had declined.

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### **C. Dairy Farm: Sudo Ranch**

Location: Munetani, Hokkaido

Spokesperson: Mr. M. Sudo

NOTE: Unlike other dairy farms, this farmer had discontinued the use of alkali water to measure the effects of returning to normal tap water. The following were the effects noted:

1. The strong odors of the excrement returned after a period of time; (the foul odor had been eliminated through the consumption of alkali water.
2. The sheen that was once present on the cows had disappeared and the hair returned to a lackluster condition.
3. The frequency of diarrhea had increased.
4. Weakness was noticed in the cows legs as opposed to the strengthening of the cows legs during the use of alkali water.

### **D. Dairy Farm: Takahashi Ranch**

Location: Notsuke, Hokkaido

Spokesperson: Mr. Takahashi.

1. The sickness rate was considerably reduced.

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### **E. Dairy Farm: Hamanasu Ranch**

Location: Mombetsu, Hokkaido

Spokesperson: Mr. S. Nakagawa.

1. The coloring of the udder became extremely healthy.
2. Due to the alkali consumption and its natural healing ability, the amount of injury to the udder had diminished.
3. The milk output has increased by 800 kg per cow. (NOTE: since there was no "before and after" numbers provided, the percentage increase could not be determined.)

## **F. Dairy Farm: Karita Ranch**

Location: Notsuke, Hokkaido  
Spokesperson: Mr. H. Karita

1. The results were excellent in every manner. Milk production was considerably higher, the sickness rate was down, problems associated with diarrhea were minimized, the foul odor from the excrement was gone, the cow's appetite was up, the sheen on the cow's hair was considerably higher and the overall quality of the milk was up.

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## **G. Dairy Farm: Sunnydale Ranch**

Location: Hyotsu, Hokkaido  
Spokesperson: Mr. M. Danshora

1. In prior years, in an effort to increase milk production, increased feed was given to cows. With the use of alkali water, the need for increased feed was minimized.
2. Despite the pregnancy of the cow, the amount of milk production has not decreased. In prior pregnancies, the amount of milk production had decreased. This was noted in 9 out of 10 cows.
3. The improved health condition of the cows along with the stronger legs have reduced the turnover of cows. This has considerably improved the productive life span of each cow.

## **H. Dairy Farm: No Name Given**

Location: Mombetsu, Hokkaido  
Spokesperson: Mr. T. Yamaguchi

1. The overall skin condition of each cow had improved dramatically.
2. The foul odors associated with excrements and urine were eliminated with the consumption of alkali water.
3. The farm was able to reduce the amount of mineral supplements that were being added

to the diet on account of the alkali water.  
4. The newly born calves experienced no diarrhea.

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### **I. Dairy Farm: Koizumi Ranch**

Location: Kamikawa, Hokkaido  
Spokesperson: Mr. T. Koizumi

1. The recovery period for cows giving birth had improved noticeably with the consumption of alkali water.
2. The cows have experienced increased appetite.
3. Despite the higher temperature during the summer months, the milk output had increased dramatically.
4. The consumption of alkali water had stabilized the pH factor for each cow

### **J. Dairy Farm: Honami MBB Ranch**

Location: Joro, Hokkaido  
Spokesperson: Mr. Y. Takigawa

1. There was a remarkable improvement in the quality of milk.
2. The cows increased their water intake which resulted in increased milk production
3. The cows experienced reduced diarrhea.
4. There was a remarkable improvement in the hair and skin texture of every cow.

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### **K. Dairy Farm: Aneshi Ranch**

Location: Esachi, Hokkaido  
Spokesperson: Mr. K. Aneshi

1. Due to the consumption of alkali water and the improved immunity levels, there were fewer injuries to the cow's udder during the milking process.

2. The milk output had increased from 282 tons to 360 tons or a 28% increase.
3. It was a financially and economically-wise decision to use electrolysis alkali water.

## **L. Dairy Farm: Royal Farm**

Location: Kamikawa, Hokkaido

Spokesperson: Mr. T. Sawamoto

1. The milk output had increased from a range of 7,000 to 7,300 kg to a higher output of 9,000 kg or a 28% increase.
2. Due to the unstable water condition, the farm had gone to electrolysis water. This decision ended up being a financially-wise decision.

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## **M. Dairy Farm: Nogyo Kyosai Dairy Association**

Location: Kushiro, Hokkaido

Spokesperson: Mr. M. Sugiyama

1. The use of alkali water has considerably reduced the number of sick cows and dramatically improved the overall health condition.
2. The farm has not measured all the positive effects brought about by the alkali water but on the other hand have not experienced any negative effects.
3. One noticeable difference was their improved digestion.

## **N. Dairy Farm: Okura Ranch**

Location: Asahi-kawa, Hokkaido

Spokesperson: Mr. Y. Okura

1. The alkali water has produced healthier cows. There were no changes to the diet or the environment but the cows became healthier.
2. Increased their monthly sales by \$20,000.00 through increased milk output. (NOTE: There were no other comparative numbers provided to determine the actual increase in productivity levels.)

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## **O. Dairy Farm: Aikawa Ranch**

Location: Akan, Hokkaido

Spokesperson: Mr. M. Aikawa

1. The odors that are normally present in the urine and excrements were dramatically reduced.
2. The birthrate was considerably increased by the increase in fertility rate and the minimizing of stillborn calves.
3. There was a dramatic increase in milk production.
4. This farm is utilized as a model ranch in the use of alkali water.

## **P. Dairy Farm: Mitani Ranch**

Location: Yubari, Hokkaido

Spokesperson: Mr. K. Mitani

1. Experienced 100% fertility and birth rates through artificial insemination.

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## **Q. Dairy Farm: Ueda Ranch**

Location: Akan, Hokkaido

Spokesperson: Mr. T. Ueda

1. The fortified calcium through the electrolysis water has strengthened the legs of the cows.
2. Due to the dramatically-improved health conditions, the quality of the milk has improved.
3. In the long run, the use of alkali water is a totally economical approach to the dairy industry.

## **R. Dairy Farm: Yamatani Ranch Location: Kamikawa, Hokkaido Spokesperson: Mr. M. Yamatani**

1. The quality and quantity of the milk has improved considerably.
2. Considerably minimized the sickness rate of each cow.
3. Minimized diarrhea conditions.
4. An overall improvement was noted in every aspect of the dairy cow equating to better economic conditions.

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**S. Dairy Farm: Yamamoto Ranch Location: Amashio, Hokkaido  
Spokesperson: Mr.M. Yamatani**

1. The milk output had increased from 317 tons to 393 tons or an increase of 24.0%
2. The cow became fertile with one month of giving birth.
3. There was a substantial reduction in the number of veterinary visits.
4. There was a noticeable increase in their appetites.

**T. Dairy Farm: Saida Ranch Location: Shirahata, Hokkaido Spokesperson:  
Mr. K. Saida**

1. The milk output had increased from 8,641 kg to 10,177kg, an increase of 17.8%

**U. Dairy Farm: Fukagawa Ranch Location: Joro, Hokkaido Spokesperson:  
Mr. E. Fukagawa**

1. There was a substantial reduction to the number of veterinary visits.
2. Reduced the swelling rate of the cow's legs.
3. Reduced the rate of external wounds caused by suction cups.