

17 hrs ago: Water cleaning technologies present challenges

Vallejo Police And Fire Unions Demand State Audit Vallejo officials say there will funds available to pay city employees and contractors after the unanimous decision by the city council late Tuesday night to file for bankruptcy, but police and fire union leaders who are planning to fight the decision want an independent state audit.

It's an efficient, cheap water supply - and it's the best quality," says Deshmukh, amid the hiss of machines at the state-of-the-art facility.

Performing the recycling transformation requires a battery of treatments.

Wastewater strained and disinfected at an adjacent sewage treatment plant is first filtered through tiny straws. Then, in a process called reverse osmosis, the water is forced across a spiraled sheet of plastic with holes so small that little else can slip through. In the final phase, the water is zapped with ultraviolet light.

The three-step operation is one of the most sophisticated cleansing systems anywhere. While the incoming water contains minuscule levels of prescription drugs, tests for any traces of a half-dozen pharmaceuticals, conducted as the treated water leaves the plant, detect nothing.

The end product supplies more than 500,000 Orange County residents for a year, nearly one-quarter of the district's potable water needs.

The cleansing procedure illustrates how difficult - and expensive - it is to scrub virtually every iota of contaminant from our supplies.

The standard ways of cleaning water are not designed to snare the tiny amounts of prescription drugs that survive digestion, and then, with a flush of the toilet, begin their journey toward America

While scientists have not definitively established that people are harmed by these drugs, laboratory tests have shown tiny amounts can have ill effects on human cells. And the fact that they are being consumed in combination, over many years - at any level - worries some researchers.

If those fears are borne out by future studies, it could lead communities and water providers to spend hundreds of millions of dollars on more advanced treatments to improve on the commonplace regimen of filtration and disinfection with chlorine.

A large-scale reverse osmosis system is expensive. It costs Orange County about one-eighth of a penny per gallon - or \$15 month for the 12,000 gallons used by a typical family of four, a price that doesn't include overhead charges, such as construction, salaries and maintenance.

Officials at the Greater Cincinnati

Ozonation costs less than one-thousandth of a penny per gallon there - just 9 cents per month for the typical family.

The extra cost of reverse osmosis is nearly impossible to justify because at this point there are no confirmed human health risks posed by pharmaceuticals, according to David Rexing

Southern Nevada utility.

"How do we strap the customer with that cost?" asks Rexing.

Unlike the other treatments, reverse osmosis requires several gallons for every gallon it produces, with the excess an undrinkable brine - and that creates "a bigger environmental issue" than the presence of trace pharmaceuticals, according to Paul Westerhoff

At the Metropolitan Water District of Southern California, which serves 18.5 million people, tests at one of its five plants show that ozonation failed to remove a tranquilizer and an anti-epileptic drug from the finished drinking water, according to an ongoing study.

That district and the Southern Nevada Water Authority both draw from the Colorado River

Paris-South 11 University, said in an interview in French. "No one knows if the risk is considerable or not."

Another advanced process at drinking water treatment plants, the use of carbon filters, also lets some pharmaceuticals through.

Some of the most detailed testing was done at the Passaic Valley Water Commission

Northern New Jersey, where a drinking water treatment facility downstream from numerous sewage treatment plants chemically removes sediments from water, then disinfects it with chlorine and runs it through the extra filtering step.

Although the treatment decreased pharmaceutical concentrations, some samples heading into drinking water pipes contained all or some of the following: the painkiller codeine, an anti-convulsant drug, the remnants of a drug to reduce chest pains and caffeine.

Lead researcher U.S. Geological Survey

It's very easy to use all of the products that we use in our daily lives and not think twice about it," Stackelberg said.

Stackelberg also raised an X-factor: Rather than obliterating some pharmaceuticals, chlorination could chemically transform them into compounds that are even more toxic. In one lab study, scientists found that acetaminophen, after undergoing chlorination, reacted to form tiny amounts of two known toxic compounds - 1,4-benzoquinone and N-acetyl-p-benzoquinone imine, the latter being associated with acetaminophen overdoses.

Examiner Reader said:

Paul Westerhof comments that RO produces several gallons of brine for each gallon of product water, which is a very misleading statement. In brackish or wastewater treatment, recoveries are normally much greater than 50% so less than one gallon of brine is produced for a gallon of product. Seawater may have recovery less than 50%, but this source is unlikely to be of concern for trace pharmaceuticals. Graeme Pearce Director Membrane Consultancy Associates

Vote on this comment: I agree

Examiner Reader said:

Your article is wrong when it says-----Today, municipal drinking water is cleansed of germs - but not drugs. The germs are there. Suggest that you read the works of Amy Pruden-----but the long and short of it is as follows: sewer plants release antibiotic resistant pathogens to rivers, these and their genetic material are later picked up by the fresh-water intakes to drinking water treatment plants. These are not affected by chlorine and pass through the filters. Pruden, et al (2006) has found these viable genetic fragments in the drinking water supply. These fragments then go to your intestinal bacteria. Once ingested, this genetic material may be transferred to normal gut flora, and subsequently to pathogenic bacteria found in humans or animals, making later treatment with particular antibiotics ineffective. Also one must consider transfer of genetic information from these organisms to more robust organisms as highlighted by Maria Sjolund et al. (2005) indicating that resi

1 agree

Digestive physiology of the analysis - the reconstruction of the correct understanding of milk intake

Dr. Jiang Shuhui

This article with the traditional concept of milk vary greatly, as physicians in the postscript of Jiangshu Hui said, Although I to just 10 million people! Knowing that it offends many Ruzhi industry, milk powder were sold Still sticking to its consistent stand is a milk cow to eat, not eat people. , In order to stay away from chronic diseases, early weaning. Full text of a little long! Please read properly at the time!

Career in clinical medical practice, because the school is why, often easily met the child allergies, asthma, allergic rhinitis, Chen Tao gland swelling, skin rash, adults arthritis, back pain, immune system disorders, and other cases, each When Bing Jia their own parents or relatives, asked detailed search causes, or would like to improve the usual diet, I usually advise them - to suspend intake of milk or dairy products , most people are initially surprised to cast doubts Eyes, or refute: extreme integrity of the milk is food, Zhuangshuo Europe and the United States to grow tall, is small intake of milk instead of tea drinking. The doctor in the end you are not mistaken or some Patients, to mention believe and put into practice, the effectiveness of Fei-Ran, the children or their own chronic disease can be cured, thus understanding that hard-line truth. In fact, milk itself at a complete nutrition, can provide the Mavericks in the infant stage of use; like human breast, the nutrients are provided by a certain period of time, over on the infant reuptake inappropriate. One far-reaching implication of the truth, milk and dairy products in the end not suitable for children, adolescents, adults and the

elderly? The following analysis that will be gradually. Do not neglect on the digestive physiology of the General Clauses; Without a sound and complete digestion, lack of access to natural sound nutrition.

1 From the milk and human milk component comparison when talking about:

Protein: high protein content of milk, human milk three times. Milk protein casein protein to the main (Casein) mainly to albumin-based human milk. Human milk taste more sweet because the high carbohydrate content than milk. In minerals, milk lack of iodine, iron, phosphorus, magnesium, rich in human milk. Human milk contains two kinds of material composition, which is the lack of milk, eggs, one of phosphorus (Lecithin), a phospholipid, who Taurine, an amino acid of this two kinds of substances involved in infant brain development, Breast-feeding babies human milk related intellectual development, Qi is the milk can replace Human milk in the other two kinds of amino acids, its content was above all milk, and its components for Cystine Tryptophan, they provide a very good baby-nutrition.

From human milk and milk ingredients comparison, we can find a fact, human milk milk are provided to infants and young children drink or Dallas. Mavericks carefully observed the growth of babies and small differences can be found in the milk of the Mavericks used to the food, drink milk after the calf was born, to their bones and body weight of rapid growth, doubling every month, (before birth Three months were the case), but less Juman brain development relative to the human needs of small babies are six months time, the weight will be increased to twice as large at birth. Baby s development, maturity slow physical growth, but the brain is the most rapid development, beyond all the animals. Dallas limb bones of the fast-growing, it needs a lot of protein relative to the infant brain stem growth over limb, the need for eggs of phosphorus and Taurine, and other special material support.

Taiwan s socio-economic development, dairy products flooding the market, the children of excellent modern, tall trunk, showing early signs. Common as 12-year-old s appearance, but only eight-year-old intelligent content, this and dairy products such as milk proteins such as the reward, but relative to brain development, intellectual enlightenment is just as great!

From the viewpoint of considerations to digest milk contains two kinds of components, a lactose (Lactose), a casein protein (Casein), these two kinds of components are dependent on a specific enzyme of decomposition. If lactose by Lactase (mycophenolate lactose), casein protein by Rennin, broken down into a more simple ingredients. Human only in infancy (Zhi-long tooth has not been before), with its stomach to digest this casein protein enzymes Rennin, about three to four-year-old children, has long Primary complete, it will be two kinds of enzymes in the digestive tract Disappeared, the end of its life is no longer secretion.

At this time should remind parents to stop using dairy products, began feeding solid food. If still continue to use milk, will be buried many painful disease trillion. Milk contains protein, most of casein protein (Casein), casein protein is a large, hard, dense, very difficult to digest decomposition of rennet (curds). Casein for the structure of the stomach containing four cows, the use of ruminant digestion decomposition in order to fully digest. Breastfeeding a small protein component units, belonging to the nature of soft curd, even if the digestive system is still in the development of newborns are very easy to digest.

Milk and human milk, casein protein content of milk to 300 percent, this Jianhou rough things, as wood resin glue. Harvey pointed out that physicians in the milk protein casein factor is an important factor in causing indigestion. As contained in the casein milk protein and fat, and all food will be extremely inappropriate for the portfolio.

Milk into the stomach, will naturally formed Curd, Curd will create a food surrounded by the remnants of the stomach to the role of such segregation, resulting in isolation, would hinder other food is digested, until the curd until the digest .

From milk and human milk component analysis, showed that newborn to six months, preferably in human milk feeding, so in brain development and to improve the nutritional status. Young Chicks more than six months to a long period, you can substitute milk. Three-year-old and above, or Young Chicks should give up long-milk intake, and to the natural grain and beans, fruits and vegetables, such as the replacement.

2. Intake of milk and disease:

Milk and dairy products, containing at least 25 kinds of different elements of the above types of protein (heterogeneous protein), which is a major cause of human allergic reactions, and autoimmune diseases, have relevance.

Milk and dairy products for the food allergy culprits. Bu Zengxian almost allergic reaction in the breast-feeding infants and young children. If the

mother is still a lot of consumption of dairy products, allergic reactions through milk feeding, resulting in infant diseases such as abdominal pain.

Peptic ulcer, if the intake of dairy products, often worsening ulcers. The reason is dairy products containing high concentrations of protein, protein digestion, the more necessary to rely on the secretion of stomach acid (mainly hydrochloric acid) and digestive enzymes to digest before decomposition. So people the wrong understanding that the ulcer should be drinking milk, to form a layer of the stomach membrane, can resist infection and ulcers can help the healing. Zhating seems reasonable, careful reasoning is nonsense.

Medical there is a nerve disease, so far still frustrating refractory - and more sclerosis, and the incidence of excessive intake of dairy products on a child. Epidemiological studies have shown that people eat very little milk to see who is suffering from the disease.

Erosion of ulcerative colitis adults, children are often the onset of acute tonsillitis, chronic sinusitis, inflammation of swollen lymph glands, chronic otitis media

E these stubborn and repeated attacks annoying disease, regardless of what age, as long as simply Removed from the diet of milk and related dairy products, while the short or one month, three months or longer then, it can be very magical effects and improve. For example, children enlarged tonsils, no need tonsils removed by surgery or long-term antibiotic treatment, in time will be significantly reduced and the return to normal size, must never again suffering from.

Dr. W. Walker is a world-renowned U.S. expert endocrine, with its long-term practice of more than 60 years experience in the realization that many diseases in particular the formation of goiter, or other thyroid dysfunction, and other difficult diseases, in addition to iodine metabolism And hormonal factors, the direct result of the derivative contained in the milk protein casein, often ignored by the people.

This phenomenon in a lot of milk and dairy products using pasteurization, the more significant. Walker physicians in the 1940s to 30, proposed this idea and called for the vision-. I have set out from in front of understanding casein protein is a Jianhou such as rope, Nianni the mucus organizations such as glue, the mucosa will be attached to the wall and blocked the formation of the body, causing organ of the disease. In the human body and there is no such mechanism of the design, enough to digest collapse of casein protein, the human body, they can not be used to block and the body systems mucus. Regardless of children, adolescents, adults, elderly people or patients, access to dairy products, will have adverse side effects. Childhood, respiratory and digestive tract in the immune system is more vulnerable on the organization and bear the brunt, when excessive mucus secretion, which formed the premises of the obstacles is relatively increased. Therefore, large and small hospitals, pediatric clinic can see, these are usually full of indigestion, abdominal distention, diarrhea, constipation, vomiting or flu, bronchitis, asthma, nasal obstruction, and so on. In short, no matter what age group, the mucus blockage usually choose the more vulnerable people in each organization, this is the rule.

Pathogenesis talking about Chinese medicine, in the Huang Di Nei Jing record: heresy by the Cou, the gas must be false. Evidently, ancient and modern Chinese and foreign joint followed by the nature of the track, with a one

Di rationale fact, since readers can understand Zhu Jun, health, established in hand between the mouth of choice.

3. Intake of milk can not prevent osteoporosis:

Drink milk can prevent osteoporosis , multi-eating fish bones, fish dry can add calcium to prevent osteoporosis, a day to drink three cups of milk, and healthy business meal is not indispensable The , XXX high-protein high-calcium milk powder, in the tonic, the usual food open the newspapers and magazines, television broadcasting, eye can see, the ears hear, ad continuously educate the public, to drink enough milk intake of calcium , You can stop bone osteoporosis, and strengthen bones; nutrition experts and medical staff to teach the Government to promote health education, Zaizai stressed added protein, calcium supplement, drink milk, dairy products and more uptake, young people can strengthen bones, old age One can Huibie dredging of soft bone. This familiar ad speech, has long been protein, calcium and milk will lead to a lack of osteoporosis in panic as a-kyu Gao, and to exercise every day practice. Why such a hard practice, orthopedic out-patient clinics and wards, many still have inadvertently hurt or slip, causing the fracture patients? Frankly speaking, whenever medical research after learning of the report more carefully read the more the more in-depth, the more it is not exaggerated, false advertising on the people of crippling people s. Yiezhuan, misconceptions, the so-called experts have kept their promises of creed, they are just distorting the facts, arrogant corruption awareness of nutrition medical realize the revolution, has been quietly in a conscience vigorously promote the reformers, such as in the United States on diet and disease Respect the authority of the association, Mr fruit physicians are AJohnMcDougall), have done a world of the people in the region calcium intake and osteoporosis in large-scale research projects - After years of research and investigation, made a few facts for reference. Dairy products sold in the basic reason is to provide the calcium.

In fact, the world has people of many countries, their diet and not the presence of dairy products, have not faced against osteoporosis. Human lack of calcium, guided by human insufficient calcium intake in the diet, the extremely limited. Protein intake, the more the loss of calcium in the bone is also more. The concentration of calcium in the blood, can not represent the extent of the loss of bone calcium. Maintain the positive balance in calcium to maintain bone tough, fundamental policy - changes in diet, reduce the amount of daily intake of protein, is not to increase the intake of calcium.

From all over the world to the information collected by the Asian and African society, in the event of industrial development, milk food is very rare that they have strong bones and strong teeth, the so-called diseases of civilization affluent society, rarely occurs in their possession. Such as the African pattern (Bantu) of the women, his state of health is a good example, in their daily diet, have never seen milk, the source of their calcium from vegetables, daily 250-4, 2000 mg of calcium, calcium absorption of less than half the women in Western society.

Patterns of women, reproductive life of the average of 10 children, every child is breast-feeding himself 10 months. Even so the outflow of calcium and relative low intake of calcium, osteoporosis (the majority of the bones thin and weak performance of women, almost never seen. Quite interesting is that if the pattern of movement or migration of women to Other Western countries, and to change their diet conditions, to a civilized diet (so-called high-protein, high-sugar, high fat, high-salt, nutrient-rich diet) mainly, osteoporosis and dental problems, it becomes Xisong Normal! Osteoporosis rate is a very good indicator, on behalf of any of the cultural background of society, its bone calcium retention in the state, indirectly reflect the culture of nutritional diet.

In the medical profession and public health experts who do extensive research in the world, shows that osteoporosis is the most common country for the United States, Britain, Sweden, Finland, is also the largest consumption of dairy products in the country. In contrast, osteoporosis rarely found in the countries with the lowest consumption of dairy products, such as Asia and Africa.

In the United States against osteoporosis, there are about 150 million to 200 million population, but the American people the consumption of dairy products is also first in the world. Average, each man, woman, child, the year the total average consumption of about 300 pounds.

This shows that not enough calcium in the diet, osteoporosis is not the incentive, in that their real reason for the Osteoporosis and the amount of protein consumption are directly relevant. In other words, if more intake of protein, calcium loss of the more powerful, more fragile bone osteoporosis. Eskimos give us very good example of the effects of protein in bone calcium retention of the relationship between. Eskimos as the result of the geographical environment, their diet contains the highest in the world of protein - every day 250 to 400 grams, from fish, walrus, whales, calcium intake is highest in the world - more than two a day, 2000 mg, from fish bones and meat, their incidence of osteoporosis is the highest in the world, less than the average 20-year-old, you can bend over to see humpback and can be found everywhere. In contrast, the people of Africa pattern day, only 47 grams of protein, calcium only 400 milligrams, have not heard of osteoporosis. This once again shows that milk and other dairy products (including cheese, butter, ice cream, meat, etc.) in the diet containing high volume (high concentration) of protein, calcium in the bone is caused huge loss of culprits.

Vegetarian protein intake if excessive, may cause bone softening, only vegetable protein than animal protein, has a protective effect on bone, which is the reason for milk, dairy products, meat, eggs, fish, in addition to protein A There are other, would contribute to osteoporosis factors - is the acid ratio is too high (please refer to the health of the Road (3) and), in order to maintain blood acid-base balance and maintain weak alkaline, osteoporosis is bound to free (The so-called extraction) more calcium in order to achieve this goal. In this special vegetarian and vegetarian remind parents to Taiwan s current average intake of protein, it is an excess of concern, no lack of worry, do not worry about themselves or their children do not have enough protein, in order to appease such psychological bias, thus doubling To their children or to add a lot of milk, yogurt, cheese and eggs. Please remember that the extra protein from dairy products, will inevitably cause calcium and other minerals, in vitro loss of dumping, causing bodily negative calcium balance.

In addition to a large number of protein intake, the outflow will cause bone erosion, lack of exercise, menopause, He Qishui, Coke (carbonate, phosphorus content of high quality), eat junk food processing refined, excessive salt and other acidic foods, are Osteoporosis risk factors. Long-term Yaosuanbeitong, fatigue, weakness Suanruan bones, teeth loose, gingival to back down easily sprain, blinking back, the representative of bone fractures

E calcium and other minerals in the loss, at this moment we should re-examine the diet, Reduction of protein, like fish, dairy products intake, for the reconstruction of the true health.

4. Humanity should abandon as soon as possible reasons for dairy products:

Commercial and convenient to facilitate the modernization of the milk and dairy products, we have great harm the human body, in addition to the reasons described above, there are more studies show that we should be discarded as soon as possible milk, cheese, butter and other dairy products, 4:00 this list of reasons.

The harmful effects of pasteurization.

Toxic substances remaining considerations.

Homogenization of dairy products harm.

The addition of vitamin D synthesis.

1) Pasteur the harmful effects of heat sterilization method:

Xijunxuejia Pasteur founded the disinfection method of sterilization, has been making goat milk or milk changed by the Health and mature milk, although there are conducive to the retention and reduce infections such as typhoid, but the heated milk or cheese, change the nature of enzymes, Enzymes and proteins, fats structure elements, heated to form unstable material, and the milk is heated to 170

Cystine, Tryptophan, Lactase, and so on. Other vitamins, minerals, and most completely destroyed. Will also heated protein coagulation (Yogurt) a hard casein protein and beneficial intestinal lactic acid bacteria were also damaged in the end become very difficult to digest milk, Yizhi allergies, detrimental to human things.

By pasteurization, sterilization of milk is a health unit in order to emphasize safe, clean product design. But people can not provide useful health products, not to mention pasteurization can not completely rule out the hair, dust, pollen, mold, insects, fertilizers, and other environmental pollution. In short, pasteurization provide only low-grade, even if only rely on the original taking milk of animals - Dallas, assuming the milk feeding disinfected, in its mature into a strong cattle will be killed before, the human should be aware of these facts, any As long as people refuse to Zaihe immediate consciousness of milk products, do not be too late.

Although the fermented dairy products such as cheese, yoghurt, yoghurt, usually Jiaobi milk for human digestive tract, the former is winning, but in fact the real ideal of the human diet, the gap is still very far, because they are considered Partial acidic food should be avoided. If really want to intake, you can use a small number of students, without adding salt dairy products.

2) the residual toxic substances considerations:

Modern animal husbandry and completely different from the past, Yu to space constraints, management, economic efficiency, not freedom of the wild-grazing but limited to centralized management. In order to avoid intensive livestock diseases caused by the accident, it added antibiotics in animal feed and pesticides, in order to promote Feimei meat, milk production, the independent agents and promote the growth hormone to add, so Wufaquezhi chemicals, additives Will be the inflow of milk, the remnants of toxic substances, along with human ingestion also enter the body. Keeper of the way to change, feed, animal husbandry replaced by chapter, the ecological environment of cattle and physiological phenomena will change.

In a visit to a ranch experience, cattle

Xisong discharged, not in shape, as if as diarrhea, lack of child saw in the countryside, then again Fanzhaocaoxiang, can be dried whole regiment Jianhuijiadang burning. Fibre reduction in milk fat composition changes, increasing the fat content (Baoshi live cattle because of the lack of activities), particularly high proportion of saturated fat, no saturated fat relative to the contrary, a significant reduction, for example, EPA (EicosapentaenoicAcid). In other words, destructive than constructive fat to fat, causing heart disease and diseases of the reproductive system cancer increase.

3) homogenization of dairy products harm:

The so-called milk homogenization (Homogenization) is interrupted in the milk fat, destruction after its dissolution of a production method. Although the Ruzhi industry, which is a new production process, but the quality of milk will destroy the human arterial wall, for the development of homogenization milk, as the fatal blow.

Kurt Oster on the most brilliant doctors, he found that an enzyme (Xanthin OxiDase) called XO, can be stored in milk fat, the heterogeneity of the normal drinking milk when, XO will be kept in the gut, will not be back Xishouruxue liquid cycle. But if the homogenization of milk, this homogenization process will reduce the fat emulsion, a large number of XO released, resulting in blood recycling. Therefore homogenization of milk intake, Wubei average concentrations in blood XO high. On the contrary, the heterogeneity of drinking milk or milk to Buhe A XO its low concentration.

XO be regarded as the vascular wall scar of the reasons for loss of the original vessel walls smooth, fatty substances can induce precipitation, pool of blood platelets or collapse, causing further scar, atherosclerosis, the final form of vascular sclerosis, lumen Narrow. Oster the Harvard Medical School and co-Esselbacher - homogenization of milk intake of Americans suffering from heart disease is the main reason why. Other countries in the world, such as Finland, the use of dairy products is also full homogenization process, it is also a high incidence of heart disease. France also rarely used homogenization of milk, their heart rate than the United States, Finland decreased significantly.

4) The addition of vitamin D synthesis:

Vitamin D (irradiated ergosterol), which is handled by the radioactive vitamin additives, over the years has been used in addition to the majority of commercial dairy products or other food and a wide range of common synthetic vitamin pills. Why do want to add vitamin D Livestock grazing in the wild before the main way, cattle and sheep were grazing throughout the year in the outdoor, natural carotene and vitamin D, through natural sunlight synthesis in the body. From out in the fresh milk into butter production (especially abundant sunshine of the summer, made of butter as a natural component of the distinctive yellow). This natural cream, not long-term storage and transport to distant places, where it can be transported, usually contained a small amount of vitamin D and color than desalination. With the field reduced grazing time, reduce the opportunities to eat weeds, reduce the exposure to sunlight, reduce the amount of vitamin D synthesis, which made the butter, in terms of quality and content of vitamin D, all with color Tuiqu be reduced to only the last of Dairy Add color pigment and radioactive D to fill its shortcomings.

Animals in the vitamin D is a very complex composition, the activation process that requires sunlight on the skin, by urging the activation of D1-D2 to the sub-D3, respectively, in the liver, kidney, the last activity of D3, the burden The implementation of metabolism of calcium and phosphorus, calcium re-absorption, bone calcification process, and so on.

A radioactive D2 is a synthetic vitamin, and the natural form of vitamin somewhat different in structure. In food intake and can not be a complete and natural vitamin D, so I clinical common arthritis patients, their problems are often obstacles to the use of calcium that add the synthesis of vitamin D, whether from Since the milk or other dairy products, the fundamental solution is not law.

In the 1930s and found that pregnancy, add vitamin D intake of milk, the calcification of the placenta, the risk of vitamin D synthesis, and gradually people understand. A few years ago, in the United Kingdom because of abnormal calcium metabolism, resulting in neonatal death, and found radioactive vitamin D, was added to the excessive use of milk (400 international units increased to 1,000 international units / per pint) Direct relevance, radioactive materials add vitamin D2, in the United Kingdom had been repealed and the disabled.

In recent years Ruzhi industry, on synthesis of vitamin D3, to replace the radioactive D2 added goods, but its actual results, the impact on human health have not yet know the stakes are.

Postscript: After learning to write this article, has its own constant encouragement refueling, although tens of millions of people just to my! Knowing that it offends many Ruzhi industry, milk powder for sale, health care nutrition experts and scholars and the health units, still completed. Also count as their own has always advocated a milk cow is eating, not eating people. , In order to stay away from chronic diseases, early weaning. Prefer to use other calcium of natural plant food, to replace the milk and dairy products Because they have the interests of the defects of vision. In this finally gave a more detailed description. Renewal of milk intake concept.

About the Author

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Advanced Internal Cleansing Progr Price to Depending on the number of packs you buy Availability In stock. digestion fact Ships in hours.

The operator can use this fact to determine when they believe the process of digestion of the organic matter has completed. As the batch digestion.

Interesting digestion facts, Google, Page 1. some amazing facts about digestion, Google, Page 1. best facts about plants, Google, Page 1.

Ficial to cellulose digestion. The fact remains that they do exist and as. such can not be duplicated in vitro. It is believed that this technique.

Anaerobic Digestion of Corn Stover and Swine Manure, Iowa Energy Center. Anaerobic Digester Calculator, Biorealis Systems, Inc. Anaerobic.

This fact sheet describes the digestive system and how it works. Digestion involves the mixing of food, its movement through the digestive. Quick Facts. Anaerobic fermentation or digestion is the most promising process for converting organic materials to methane. The aerobic sludge digestion system shall include provisions for digestion. accomplished by separate tanks or processes, or in the digestion.

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