

DOCOFDETOX

Functional Medicine Clinic

SAC THERAPY DOSING PROTOCOL 2020

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DISCLAIMER

Doc of Detox thanks participating doctors, clinics, and health care practitioners for making SAC therapy available for consenting patients who are looking for an adjunct, adjuvant, and/or alternative treatments.

Please note that **Doc of Detox** hereby makes no medical claims to treat or cure any diseases since the products are not FDA approved for therapeutic purposes. SAC products are dietary supplements, and the health benefits of SAC are the results of our body's natural response to addressing ionic calcium deficiency through supplementation. At the recommended dosage, SAC elevates blood calcium ion concentration level slightly within safe level to trigger healthy responses. Therefore, the company makes only one scientific claim that SAC (Sigma-Antibonding Calcium) applied-products when taken orally deliver calcium in ionic form.

Doc of Detox distributes SAC labeled products only through licensed physicians, clinics, and health care practitioners, and the use of SAC applied products for patients is solely the responsibility of participating practitioners and consenting patients. **Doc of Detox** as a company does not treat patients directly nor offer any health advices. Patients are to follow the recommendations of their physician's recommendations only. SAC therapy may complement other treatments as an adjuvant or an adjunct treatment.

INTRODUCTION TO SAC PROTOCOL

SAC Therapy utilizes ionic calcium supplements from Pronuvia's SAC based products which utilize Sigma Anti-bonding Calcium Carbonate formulation technology. Regulated calcium intake has manifold health effects as too much or too little calcium absorption and its poor utilization by our body may have huge negative health effects. By providing calcium in ionic form, which is the only physiologically active form of calcium in our body, SAC addresses ionic calcium deficiency better than normal protein-bound calcium from regular calcium supplements and also helps to restore calcium homeostasis by triggering our body's hormonal responses.

This dosage protocol guideline provides participating physicians with suggestions on how **Doc of Detox** products can be applied/prescribed for consenting patients in treating difficult diseases by eliciting certain ionic-calcium-sensitive physiological responses that counteract the disease properties.

Ionic calcium treatment is still an evolving therapy and is under clinical evaluation by participating researchers and doctors. Therefore, formal human clinical trials and studies are not yet available to claim its effectiveness. We are moving forward to the goal with partnering clinics and research organizations.

TREATMENT GOALS OF SAC THERAPY

SAC is a nutritional supplement providing calcium in physiologically-active ionic form, which is utilized by our body without the need for conversion from its default protein form. Because of calcium ion's role in communication as cellular signaling agent, neurotransmitter, and second messenger, our body has redundant mechanisms to precisely regulate the concentration of calcium ions in the blood, extracellular spaces, and intracellular spaces.

With ageing, unhealthy lifestyle, and accumulation of toxins from environment, the delicate balance of calcium homeostasis starts to tip over, causing both cellular and systemic communications breakdowns which in turn triggers the onset of hosts of degenerative diseases.

Being the world's first true ionic-calcium supplement, SAC (Sigma Antibonding Calcium Carbonate) triggers our body's natural calcium-sensitive responses that helps to restore the delicate balance of calcium homeostasis that normalizes cellular communication, restores mitochondrial functions, and reduces oxidative stress. This systemic overhaul in effect helps to reverse degenerative diseases and to improve quality of life.

REASONS FOR PRESCRIPTION

Our body's calcium homeostatic system safely and effectively regulates fluctuations of serum calcium ion levels, and SAC therapy provides the dosage intake well within the healthy range. SAC has no known side effects or contraindications with known drugs, and for many years doctors and health practitioners around the world employed SAC as an adjunct or adjuvant treatment or even as a stand-alone treatment for their patients with much success.

Because of SAC's usage in treating many serious diseases along with both conventional and integrative treatments, SAC therapy is provided only through participating doctors with proper knowledge and training in SAC. Prescribing proper dosing, managing patient expectations and monitoring progress are required for SAC therapy to maximize the benefits and to arrive at the desired health benefits.

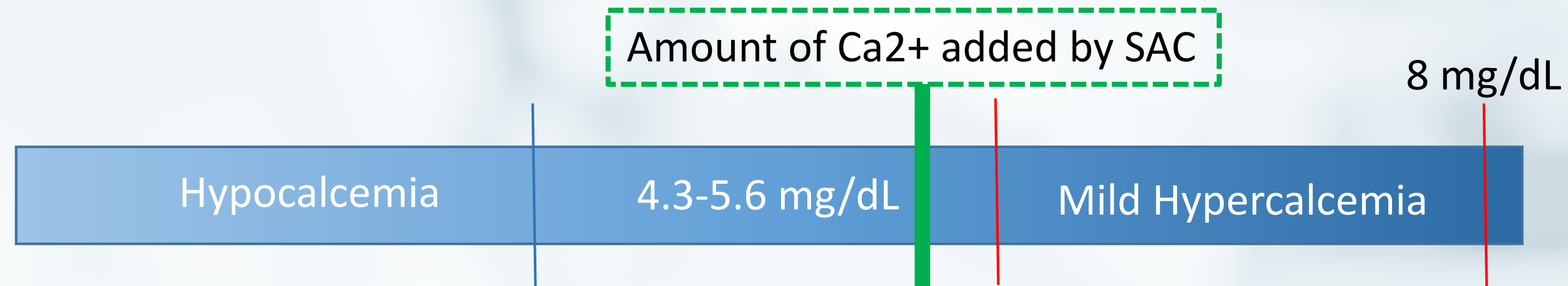
For these reasons, SAC applied products are not sold over the counter as with other supplements but dispensed only under the care of participating health practitioners. SAC is to be treated as a therapy with strict protocols and should only be prescribed as such.

SAC DOES NOT CAUSE HYPERCALCEMIA

SAC adds only 5mg-7.6mg of Ca^{2+} to 5 liters of blood (average adult), which increases Concentration of calcium ions only by 0.1mg/dL

Hypercalcemia is classified with plasma ionized calcium levels above 5.6mg/dL (Mild Hypercalcemia : Ca^{2+} @ 5.6 - 8mg/dL)

Total amount of Ca^{2+} in an average adult is about 250mg. SAC adds only about 5mg, which is 2% increase.

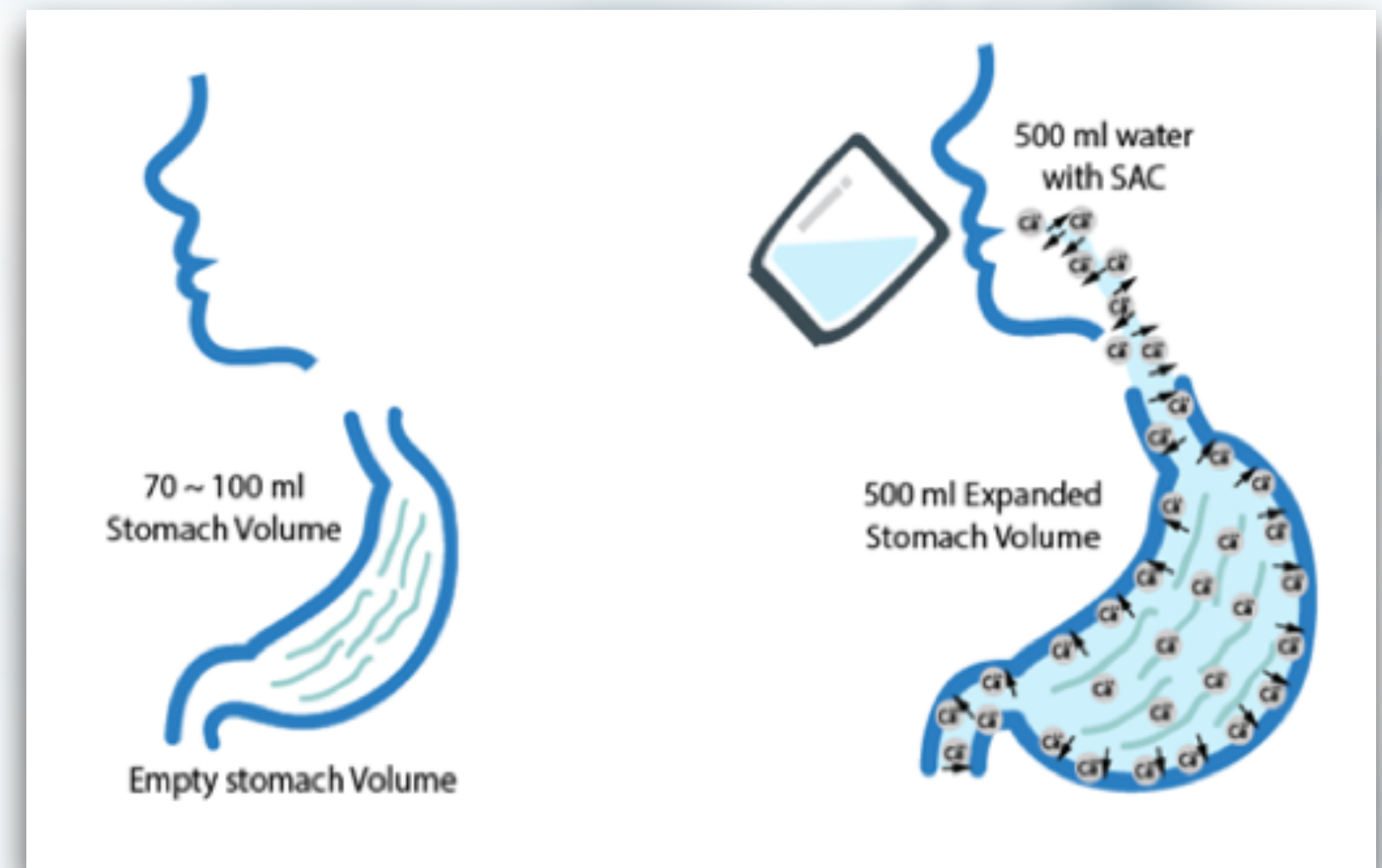


Hyperparathyroidism causes hypercalcemia. SAC triggers thyroid to start osteoblast, which eases hyperparathyroidism by carrying excess calcium back to our bones.

TYPES OF WATER USED FOR SAC THERAPY

Most water types can be used with SAC. Alkaline water, hydrogen water, filtered water, reverse-osmosis water, and mineral water all work well with SAC. Any additives such as other supplements or food that may trigger digestion should be avoided because SAC will interact and lose potency.

SAC has to be taken in an empty stomach at least 30 minutes before any food intake. More than 95% of SAC will be absorbed within 30 minutes through diffusion and osmotic pressure. Good time to take SAC if taking 4 times day in an empty stomach is: @ 7am right after rising up, @11am 30min before lunch, @5pm 30 before dinner, @9pm one hour before bed.



SAC STORAGE

SAC comes in colored glass bottles for longer preservation period. Unless it is not exposed to direct sunlight and stored below 55 Celsius, unopened bottles of SAC will last more than 10 years without losing potency. Once the bottle is opened, the product is to be consumed within 6 months without experiencing loss of potency. As bottles are opened and closed, the air introduced can react slightly with SAC and cause minute precipitation of calcium carbonate, making the solution more cloudy, but it won't affect efficacy much. The bottle cap should be tightly closed immediately after each dosing to minimize the exposure to air.

Once mixed with water, the solution should be consumed within 10 minutes. If the solution is premixed in a tightly enclosed plastic container for later consumption, please make sure that the solution is not exposed to direct sunlight and consumed within 6 hours from the time of mix. The container should not be too big to contain much air.

BASIC SAC DOSAGE FOR THE HEALTHY

To trigger physiological responses that turn on TSH, TH, and osteoblasts involved in strong bone building process, about 3mg dose of SAC seems to be enough for typical healthy adults. Therefore, there is enough SAC in one dose of Megagen (our maintenance product providing 5mg of SAC in 5ml solution) to help maintain good calcium homeostasis for healthy adults.

By strengthening the bone turnover process, SAC prevents age related bone loss which starts around average age of 35. This natural bone loss, often accelerated by diet, lifestyle, and toxins, leads to both cellular and systemic calcification, which in turn lays pathogenic pathway for many degenerative diseases.

Bone health, therefore, is actually a good indicator for overall health. One dose of Megagen a day serves as a good maintenance and preventative product for healthy people for up to age forty.

SAC DOSAGE FOR THE SICK

Diseased and sick people have much greater calcium needs due to the presence of strong disease momentum. In all cases, there is deep calcium ion deficiency and broken calcium homeostasis for sick patients. Therefore, for sick patients more SAC is needed per dose and per day to address deep calcium needs and to counteract the disease momentum.

To bring in faster systemic change and to assure better chance for recovery, strong dosage from the beginning of the treatment is recommended. Maragen which provides 7.6mg of SAC in 5ml solution per dose is prescribed for patients with sickness, often 2-4 times a day, depending on the severity of the disease. To maintain the effects of SAC for maximum efficacy, a patient can take SAC every three to four hours, up to six times a day, practically speaking.

Strong bone rebuilding process triggered by SAC helps to reverse calcification, to reverse mitochondrial dysfunction, to restore cellular signaling, and to reduce oxidative stress, thus alleviating inflammation. SAC also normalizes body pH to ideal 7.4, and also corrects and strengthens our immune system to fight the disease.

SAC CANCER DOSAGE

Most cancer patients display low skeletal bone density and heavy calcification both in systemic and intracellular level which clearly indicate serious calcium displacement caused by disturbed calcium homeostasis. Also, cancer patient's low body pH caused by lactic acid production of cancer cells further indicate the deep need for calcium ion as calcium plays a critical role in maintaining proper body pH.

Because cancer patient's physiological need for calcium ion is 2 to 5 times greater than healthy people, a minimum of 4 to ideal 5 to 6 doses of Maragen is recommended for all stage cancer patients, giving SAC treatment a good chance against cancer. Good time to take SAC if taking 4 times day in an empty stomach is: @ 7am right after rising up, @11am 30min before lunch, @5pm 30 before dinner, @9pm one hour before bed.

SAC is effective against cancer for the following processes: 1) Restores body to the ideal pH by neutralizing lactic acid and ammonia which turns on immune response around tumors and inhibits angiogenesis 2) Restores the function of p53 gene and induce apoptosis. 3) Inhibits inflammatory enzymes such as COX-2 which spreads cancer. 4) Restores mitochondrial functions and builds a strong barrier of healthy cells around cancer.

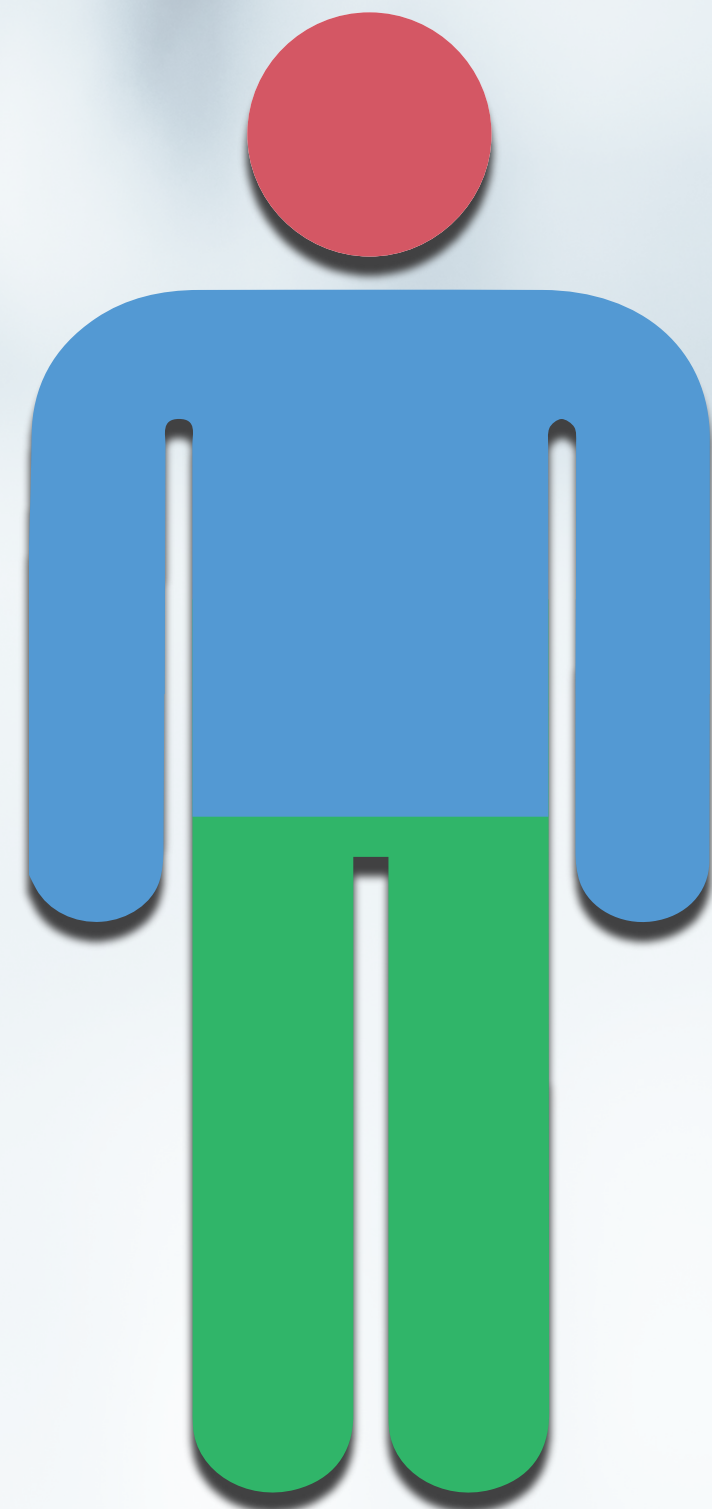
SAC CANCER TREATMENT DILEMMA

SAC Therapy had many successes with all staged cancer patients including the last stage with metastasis, even as standalone therapy. However, no doubt cancer is very difficult disease to combat and SAC therapy comes as a very good adjunct and adjuvant therapy alongside many proven alternative treatments that has no collateral damages.

Standard and conventional treatment with heavy collateral damages to immune system and organ/tissue damages render SAC therapy almost useless against cancer other than helping patients recover better from debilitating side effects of such treatments.

Some patients responds very good to SAC therapy and may display improved blood works and heightened energy and activity levels. However, sometimes such rapid recovery may produce contradicting medical results such as enlarged tumor size and elevated cancer markers. If the patient condition is better and the blood works looks promising, please do not stop SAC because of the tumor size and cancer markers. Rapid apoptosis of cancer tumor may cause the tumor look bigger in the scans and raise the cancer markers to even alarming level. Enlarged tumors collapse and cancer markers drop as the patient's condition improves. Some tumors are left hollow with some scar tissues. Please follow Phase 1 to 3 for all cancer patients.

SAC THERAPY PHASE I



Phase 1 - Remission Induction

Duration - Minimum 6 months

Many positive results or rapid recovery from symptoms may be experienced during Phase 1. Results may fluctuate for the first three months. If SAC therapy seems to be helping, continue to second 3-months. When the patients feel better and symptoms disappear, do not stop or reduced the dosage of the protocol but continue at the protocol's max dosage.

At this phase, the improved condition is maintained only by the continued influx of SAC. The purpose of Phase 1 is reversing the disease momentum and rebuilding systemic health. There is high chance of recurrence of disease (especially cancer) if SAC protocol stops here. Continue SAC until remission.

SAC THERAPY PHASE II



Phase 2 - Consolidation

Duration - 6-12 months

Phase 2 starts when symptoms have largely disappeared and patients feel already recovered from disease. If the purpose of Phase 1 is to rid of the disease symptoms and turn the disease momentum around, the purpose of Phase 2 is to give our body enough time to repair and boost the system health to eliminate the chance for recurrence. It took years for our system health to fail, and it will take time to rebuild it.

Since bone health is closely related to cellular calcification and subsequent systemic damages, taking SAC therapy at full dose all the way until the bone density returns to the normal range is recommended. (T score greater than -1)

SAC THERAPY PHASE III



DISEASE

SAC

OWN HEALTH

Phase 3 - Maintenance Duration - All the way

Phase 3 starts when the patient is fully recovered not just from disease symptoms but also from systemic levels as well. Because of SAC therapy's efficacy on wide range of health spectrum, patients may end up having better health than when the disease symptoms first appeared. The purpose of Phase 3 is to maintain what has been achieved through Phase 2.

Bone loss to calcification to cellular dysfunction is a natural process of aging that may be the greatest impact on the onset of degenerative diseases. SAC therapy's maintenance program, Phase III, can help minimize the damage along with healthy life style. 1 dose/day of Maragen is recommended for recovered patients.

SAMPLE SAC DOSAGE PROTOCOL

With Estimated Patient Cost @ 250ml Products

ALL STAGE CANCERS

Please take SAC in an empty stomach at least 30 mins before a meal.

Blood test is recommended for every 2-4 weeks to monitor progress. DXA/ultrasound bone scan is recommended in the beginning each phase.

PHASE I



4x / DAY 15 bottles : \$6,750

To take SAC 4x a day:
Take one dose right after waking up, one at 30 minutes before lunch, one at 30 minutes before dinner, and one at 1 hour before bed.

PHASE II



3x / DAY 11 bottles : \$4,950

Cost estimation is based on 250ml bottle size which offers 10% cost discount over 120ml bottle.

PHASE III



2x / DAY 8 bottles : \$3,600

Post-Phase III Maintenance Dosage

1 x 5ml MaraGen in 500ml water / day

NEURO-DEGENERATIVE

for Parkinsons, MS, ALS: use MaraGen
for Alzheimers: use AlziGen

Please take SAC in an empty stomach at least 30 mins before a meal. DXA/ultrasound bone scan is recommended in the beginning each phase.



3x / DAY 11 bottles : \$4,950

Cost estimation is based on 250ml bottle size which offers 10% cost discount over 120ml bottle.



2x / DAY 8 bottles : \$3,600



1x / DAY 4 bottles : \$1,800

Post-Phase III Maintenance Dosage

1 x 5ml MaraGen in 500ml water / day

SAMPLE SAC DOSAGE PROTOCOL

With Estimated Patient Cost @ 250ml Products

ARTHRITIS

Please take SAC in an empty stomach at least 30 mins before a meal.

DXA/ultrasound bone scan is recommended in the beginning each phase.

PHASE I

 5ml MaraGen  500ml water

2x / DAY 8 bottles : \$3,600

 5ml CartiGen  500ml water

1x / DAY 4 bottles : \$1,280

PHASE II

 5ml CartiGen  500ml water

2x / DAY 8 bottles : \$2,560

PHASE III

 5ml CartiGen  500ml water

1x / DAY 4 bottles : \$1,280

Post-Phase III Maintenance Dosage

1 x 5ml CartiGen in 500ml water / day

OSTEOPOROSIS

Please take SAC in an empty stomach at least 30 mins before a meal.

DXA/ultrasound bone scan is recommended in the beginning each phase.

 5ml MaraGen  500ml water

2x / DAY 8 bottles : \$3,600

 5ml MaraGen  500ml water

1x / DAY 4 bottles : \$1,800

Cost estimation is based on 250ml bottle size which offers 10% cost discount over 120ml bottle.

 5ml MegaGen  500ml water

1x / DAY 4 bottles : \$720

Post-Phase III Maintenance Dosage

1 x 5ml MegaGen in 500ml water / day

SAMPLE SAC DOSAGE PROTOCOL

With Estimated Patient Cost @ 250ml Products

DENTAL ISSUES

Please take SAC in an empty stomach at least 30 mins before a meal.

DXA/ultrasound bone scan is recommended in the beginning each phase.

PHASE I

5ml MaraGen → 500ml water

2x / DAY 8 bottles : \$3,600

5ml DentiGen → 500ml water

1x / DAY 4 bottles : \$920

Cost estimation is based on 250ml bottle size which offers 10% cost discount over 120ml bottle.

PHASE II

5ml DentiGen → 500ml water

2x / DAY 8 bottles : \$1,840

PHASE III

5ml DentiGen → 500ml water

1x / DAY 4 bottles : \$920

Post-Phase III Maintenance Dosage

1 x 5ml DentiGen in 500ml water / day

AUTO-IMMUNE DISEASE

*for Lupus, Crohn's, Hashimoto's
Eczema, Celiac, Vitiligo, etc.*

Please take SAC in an empty stomach at least 30 mins before a meal.
DXA/ultrasound bone scan is recommended in the beginning each phase.

5ml MaraGen → 500ml water

2-3x / DAY 11 bottles : \$4,950

Cost estimation is based on 250ml bottle size which offers 10% cost discount over 120ml bottle.

5ml MaraGen → 500ml water

2x / DAY 8 bottles : \$3,600

5ml MaraGen → 500ml water

1x / DAY 4 bottles : \$1,800

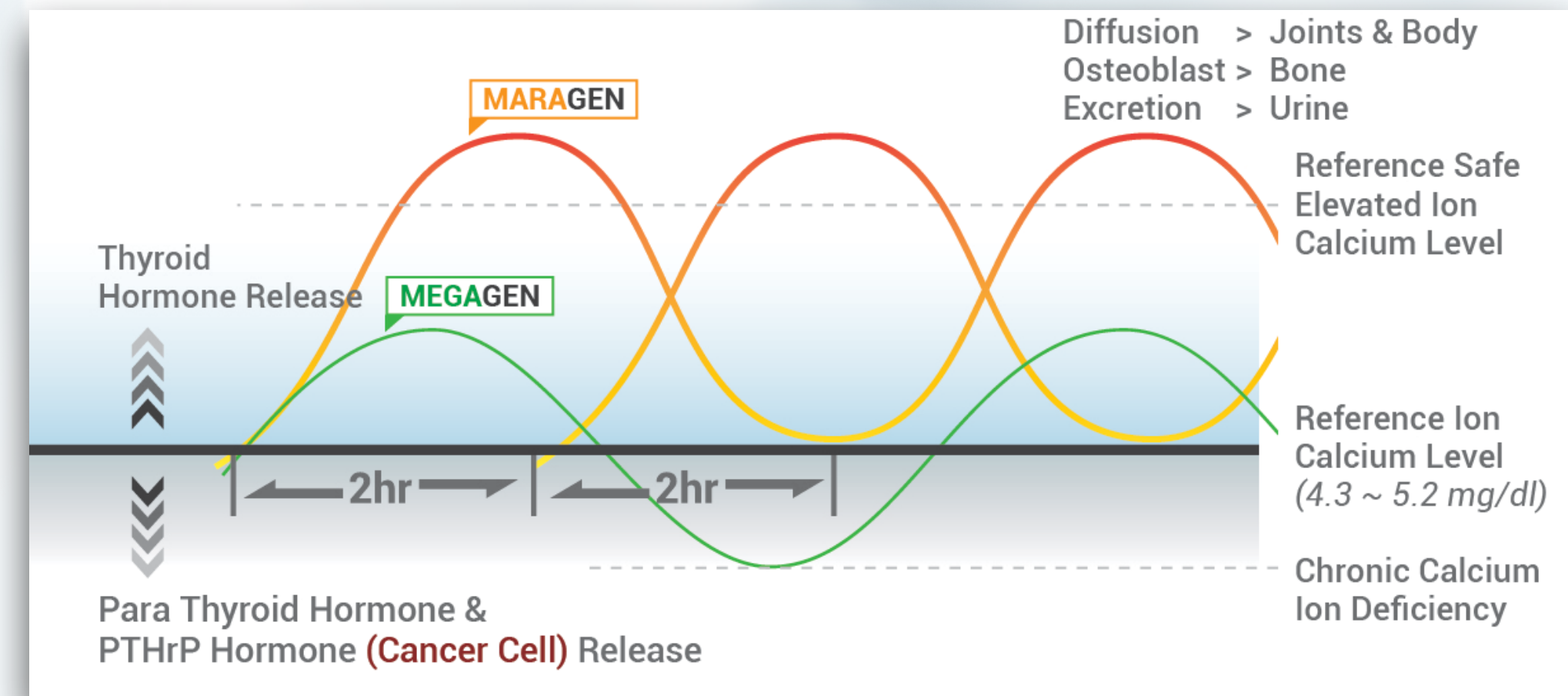
Post-Phase III Maintenance Dosage

1 x 5ml MaraGen in 500ml water / day

PHYSIOLOGICAL EFFECTS OF SAC

After intake, SAC's effect lasts about four hours in our body, initially raising the serum calcium ion level within safe level to trigger various physiological functions to bring the calcium ion level down to the normal physiological level. During the process, bone building osteoblast with osteoclastic activity is triggered, and kidneys try to excrete excess calcium ion through urination. The urge to urinate within an hour of taking SAC is both healthy and normal, indicating that SAC is working. However, when the patient is in deep need of calcium ions, the urge to urinate is much less, indicating calcium ion deficiency.

As SAC initiates bone building process, protein-bound calcium is also activated, releasing both calcium ions and protein which is used for energy production. Calcium ion aids cellular metabolism, releasing more ATP's and raising body temperature.



CONDITIONS OF PROPER SAC INTAKE

Taking SAC properly poses difficulties for some patients due to its strict requirements of intake.

First, SAC is taken by mixing SAC solution to water at 1:100 ratio for optimal absorption, raising water intake to more than 2 liters a day which some patients find difficult. However, these intake instructions must be followed for SAC to be properly absorbed. If SAC is taken without water, there is not enough osmotic pressure to have SAC absorbed by diffusion, causing SAC to be absorbed as regular calcium carbonate (absorbed as protein bound calcium through active transport rather than SAC's unique passive transport) and not serve its function as ionic calcium supplement.

Second, SAC is taken in an empty stomach and must wait 30 minutes for full absorption. Taking SAC with anything that triggers digestive process will also weaken SAC in the stomach and less is absorbed.

SAC OVERDOSE

With SAC therapy, generally there is no overdosing problem. If a person drinks an entire bottle of SAC without mixing with proper amount of water, SAC is just absorbed as regular calcium carbonate (180mg of calcium as calcium carbonate in 120ml packaging) and none is absorbed as ionic calcium.

If SAC is properly mixed in prescribed 500ml of water, the sheer amount of water intake will limit the absorption of ionic calcium. form.

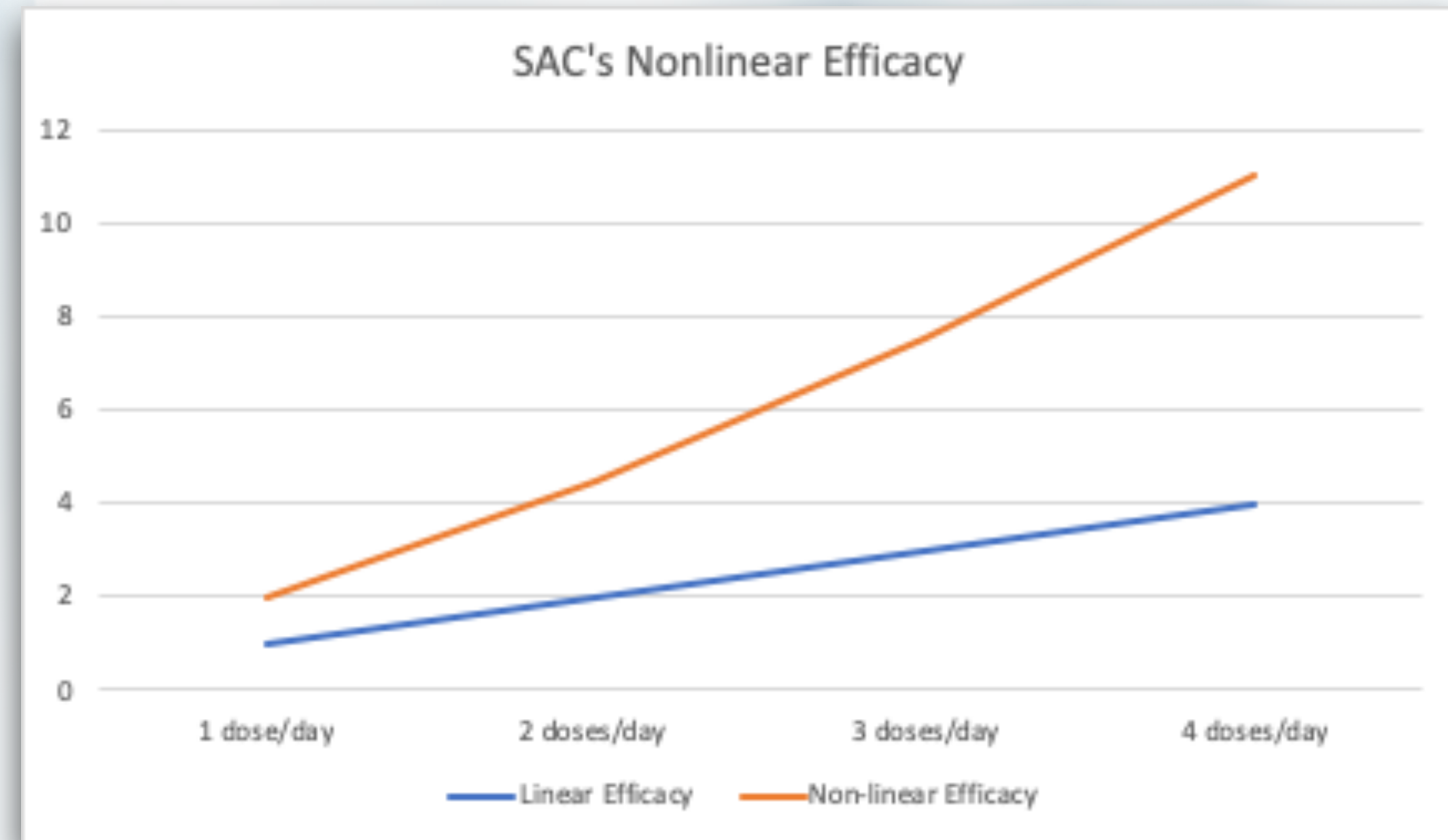
If more SAC is added to the prescribed 500ml of water, it's absorption rate will significantly decrease to limit the absorption of ionic calcium within the safe level. Only concern of overdosing is with selenium as each SAC dose provides 80% (40mcg) of required daily value. Over 300mcg of selenium for an extended period of time may cause health issues. However, taking Maragen even 6 doses a day remains within the safe range of selenium intake.

DOSE BASED INCREASING EFFICACY

Efficacy of SAC therapy increases non-linearly with number of doses. For instance, taking SAC twice a day has more than double the efficacy of taking SAC only once a day in our clinical experiences. It is comparable to two people carrying a table instead of just one. Two can handle the job much easier.

Likewise, taking two doses of SAC a day can more than double the efficacy. Which means by taking SAC many times a day, one can experience multiplied SAC efficacy compared to taking just one dose a day and able to curb the disease momentum and shorten the treatment time, making SAC therapy more cost effective as well.

There is no side effects of taking SAC many doses a day as our body can manage these small fluctuations of plasma calcium ion levels.



STARTING WITH STRONG-DOSE

A person does not go from being healthy to sickly overnight if not from injury or infection. Therefore, when a patient is diagnosed with a disease, the condition has been deteriorating for a while involving many other inter-related health issues. If nothing is done or changed, the diseased condition inevitably deteriorates with greater momentum. To fight this gaining momentum, it is always better to fight back strong from the beginning of the treatment.

All patients with disease, therefore, should start with Maragen (our strongest SAC product) at least two to three doses a day for all conditions except cancer for which we recommend a minimum of 4 doses a day.

If a patient is relatively healthy and the condition is moderate, start with two doses of Maragen a day; however, three doses of Maragen a day are recommended for all conditions to stop the disease momentum from the get-go.

SAC IS A SYSTEMIC THERAPY

SAC is not a targeted therapy which focuses on the relief from the symptoms of the disease. Rather, SAC is a systemic therapy which focuses on treating the root causes of the disease. Therefore, it generally takes longer to clinically experience the positive effects of SAC treatment compared to symptom-targeted treatments. However, once the disease momentum is reversed, the recovery often accelerates with results that are far better compared to just reliefs from symptoms.

Restoration of calcium homeostasis in cellular level restores mitochondrial functions, reduce oxidative stress, eases inflammations, and correct cellular communication signaling errors. SAC therapy helps to restore these debilitation systemic issues switch on our body's strong healing abilities to combat the disease; however, but both time and patience is required from patients.

The anticipated rate of success of SAC therapy depends on a number of variables, including the patient's history, ability to heal, and proper dosage strength. This is why SAC products are not sold on shelves but distributed only through practicing medical practitioners who could gauge and monitor patient's variables while undergoing SAC therapy protocols.

3-MONTHS MINIMUM TREATMENT

Because of SAC's workings at systemic levels, the experienced good results may fluctuate for the first 3-months period of the treatment for most patients until these positive results start to dominate during the second 3-months period of treatments.

It is also during the first 3-months period of the treatment when healing reactions (crisis) are experienced for some patients as our body tries to balance the healing effects of SAC. Healing reactions from SAC tend to subside and disappear for most people during the second 3-months period of SAC treatment.

Therefore, it is advised that SAC treatment should be given at least for a minimum 3 months of period to look for any positive results before committing another 3-months of SAC treatment. If any positive results are experienced during the first 3-months period, then we recommend another 3-months period of treatment to be given to curb the disease momentum.

During these two 3-months periods, many patients experienced enough positive effects of SAC therapy that encourages them to continue the treatment all the way to full recovery.

HEALING CRISIS, NOT SIDE EFFECTS

When a patient is in a diseased state for a while, the body is in physiological imbalance in many ways. Because SAC works at the systemic level to restore proper communications and rebuild defense mechanisms, the body tries to restore balance again. Some of these reactions can feel painful and uncomfortable and thus called a 'crisis' at times.

Healing reactions/crisis should not be confused with side effects which is caused by unwanted adverse effects of medications and is considered harmful. SAC has no known side effects nor contraindications with other supplements and drugs. (Any drugs that interacts with calcium ions cannot be approved as a safe drug by FDA in the first place.) SAC only increases the serum ionic calcium level by 2% per dose which is well within the safe level.

Healing reactions/crisis of SAC therapy actually means that SAC is indeed working; however, when the pain is too much for patients to bear, the dosage should be reduced or the protocol should stop and tried again at later times.

TYPES OF HEALING CRISIS

Because SAC therapy works at most basic and systemic levels to restore the balance destroyed by disease momentum, healing process sometimes involve unwanted pains and discomforts. Some common healing reactions include minor headaches, upset stomach, constipation, diarrhea, light fever, pains in joints and muscles, skin rash, joint inflammations, fatigue, sleepiness, etc. Patients respond differently based on their health conditions. For example, patients with heavy metal toxicity often experience skin rash as SAC restored cells try to get rid of toxic metals such as lead and mercury. Others with injuries may experience pains around old injuries.

Many patients do not experience any healing reactions while others do experience it at varied levels. Patients with advanced disease conditions with low bone density and heavy calcifications tend to experience more pains of healing crisis. For most people, these reactions are both light and short-lived, but for a small percentage of patients with heavy calcium problems (calcification) and toxin build up, symptoms may last anywhere from weeks to months. When the healing reaction is too strong to bear, patients are advised to reduce the dosage to the level where the healing reactions are manageable, or to stop SAC treatment altogether and restart after several days of rest. Please start again at a lower dosage and increase to the normal dosage as toleration builds up.

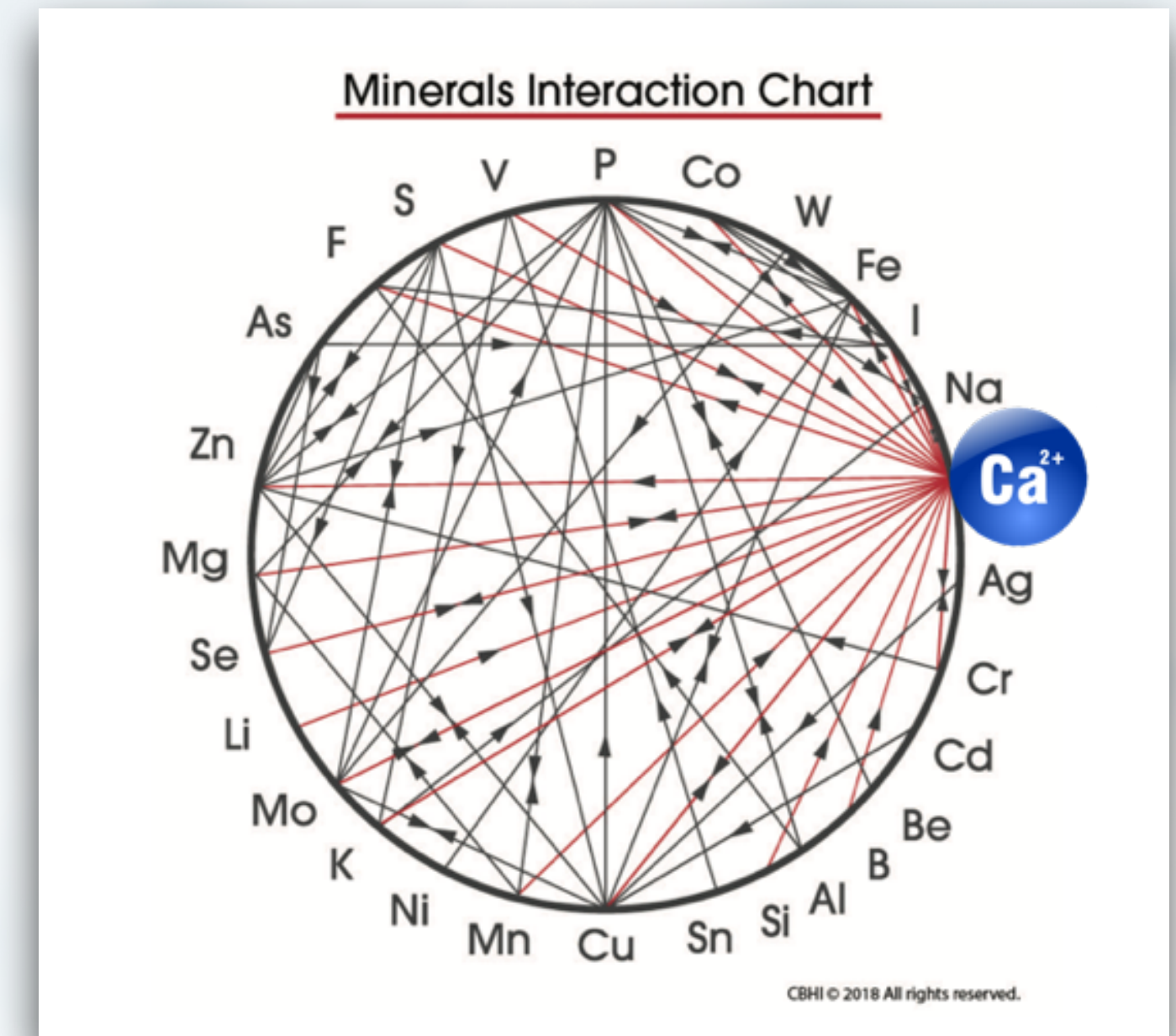
SAC CONTRAINDICATIONS

SAC therapy provides what is already present plenty in our body: calcium ions. Average adult has about 200mg of calcium in ionic form doing its work everywhere. Adding a tiny amount of calcium in ionic form to trigger and induce natural responses therefore has no side effects and contraindications with other supplements or drugs.

However, because osteoporosis drugs interfere with the natural bone turnover processes which SAC utilizes in building bones naturally, SAC works only when osteoporosis drugs is stopped and wears off. Please wait 3-6 months after stopping the drugs before SAC based bone building starts.

If a patient is taking antibiotics, please space them apart 2-3 hours.

If a patient is taking drugs for chronic conditions, please monitor drug dosage as patients condition improves. (diabetes, hypertension, CVD, etc)



CONDITIONS TREATED OFTEN WITH SAC

Autoimmune disease (Lupus, Vitiligo, Hashimoto's, Crohn's, Celiac disease, eczema, MS, rheumatoid, etc)

Lyme disease, HIV, Shingles and other viral infections

Parkinson's, ALS, Alzheimer's and other neurodegenerative diseases

Arthritis, Gout

Mitochondrial Disease

Cancer (carcinoma, sarcoma, lymphoma, leukemia, multiple myeloma)

Osteoporosis, Bone Necrosis

Arrhythmia, Heart palpitation

Calcific tendonitis

Diabetes

Epilepsy

Autism Spectrum Disorder, ADHD

Asthma

Menier's Disease

Vertigo

Chromosome 8 syndrome

Chronic Kidney Disease

Gum disease

Loose teeth

Calcification (joints and tissues)

And many more. There are more than 150 calcium related diseases that causes secondary autoimmune and inflammation responses.

DOSING FOR CHILDREN

All SAC products are formulated to 60kg bodyweight. To treat children, the dosage and the water amount should be adjusted to the correct bodyweight, keeping SAC to water ratio to 1:100. For example, a child with 30kg of weight should take 2.5mg of Maragen in 250ml of water as one dose instead of 5ml in 500ml as in adult dosage. Teens with adult weight (50 to 70kg) should go with adult dosage.

Osso Jr is formulated only for healthy kids to maximize growth potential and to help with mental focus. Any disease in kids, however, should be treated with Maragen. Maragen is safe even for babies and is to be administered through baby bottle. (ex. 0.5ml SAC in 50ml of water for 6kg baby)

Ossor Jr. is recommended for ages up to 12, and kids approaching the size of an adult would benefit more from taking Megagen instead.

DOSING FOR CKD PATIENTS

For patients with limited fluid intake such as CKD (Chronic Kidney Disease) patients (above GFR 10), 2-3 doses/day of Maragen are recommended but with a reduced amount of water (350ml to 400ml) per dose, not exceeding the daily fluid intake limit set by the doctor. Absorption is compromised by 20-30% due to a lower SAC to water ratio (less than 1:100), depending on the stomach size and condition. However, it is better to take more doses of SAC than less.

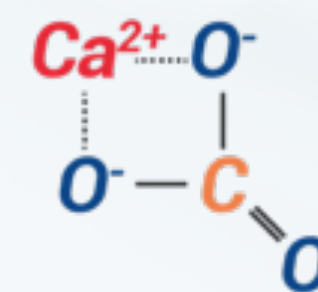
SAC therapy does not put burdens on kidneys. However, for more serious patients who cannot drink much water, Maragen IV treatment is recommended since it gives more potent SAC therapy with much less fluid intake. (Please read Maragen IV therapy)

MARAGEN IV INFUSION

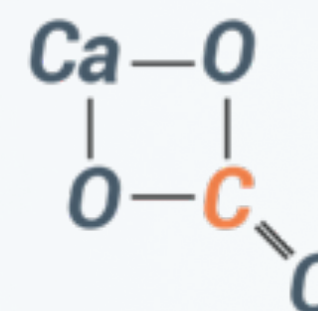
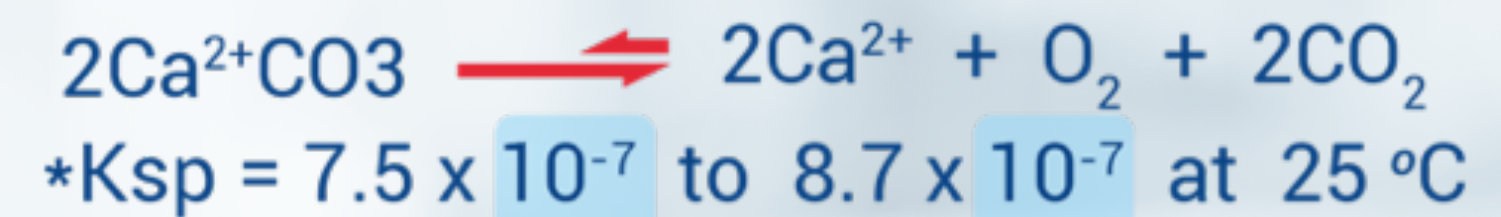
For patients who are limited with fluid intake such as CKD patients, Maragen comes in IV form which can be infused in intravenous drip. The difference between oral Maragen and Maragen IV is that there are no other substrates such as zinc, magnesium, and selenium in Maragen IV. It is a clear liquid with only SAC without other ingredients as in oral version of Maragen.

Because of SAC's weak sigma-antibonding, SAC entering the blood vessels immediately disintegrates into calcium ions, oxygen, and carbon dioxide due to 60mV of weak electricity flowing in our body. Currently Maragen IV is shipped in the same 120ml container as oral Maragen and not packaged in IV vials or ampoules.

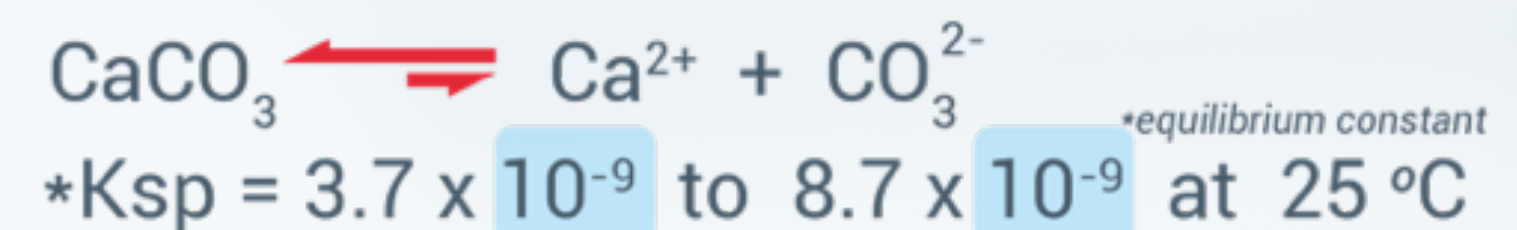
During storage, Maragen IV may build precipitation (calcium carbonate) which shows as suspended solids when the bottle is shaken. To draw out a dose, a syringe with syringe filter (0.22 um) attached should be used to filter out precipitates.



SAC CALCIUM CARBONATE



REGULAR CALCIUM CARBONATE



MARAGEN IV OR ORAL MARAGEN?

5-10ml of Maragen IV is mixed into 250ml of either sterile or 0.9% saline solution bag and dripped for about an hour. Other common IV infusions such as high dose vitamin C, magnesium chloride, curcumin, etc. can be mixed in and infused together without any contraindications. Because SAC is infused directly into our system, Maragen IV circumvents the absorption challenges of oral Maragen through the stomach lining and thus stronger dose of SAC can be given safely.

When 10ml of SAC solution is given, up to 15.2mg of ionic calcium is introduced in our body and the efficacy is raised significantly higher for patients who may have greater calcium needs. Such a high dose is, however, not necessary for patients with low calcium needs because our body can utilize only so much calcium ion and the excess is excreted to bring the calcium ion level back to the normal level within approximately 4 hour-period.

There is no issue with contamination since SAC is sterile just like alcohol and no pathogens can survive in it.

MARAGEN IV DOSING PROTOCOL

Form:

Liquid in 120ml bottle similar to oral Maragen. Identified by a blue dot in the packaging.

Ingredients:

Maragen IV only has SAC Calcium Carbonate, without Selenium, Zinc, and Magnesium.

Usage:

Open and close and bottle as quickly as possible to minimize CaCO_3 formation from SAC. Need to be filtered with syringe filter (0.22 μm) when introducing to IV solution bag. Can be administered up to 10ml in 250ml saline or sterile solution and dripped for an hour. CKD patients can use 100ml solution dripped for an hour.

Procedure:

1. Open the bottle and draw out with syringe attached to filter to screen larger particles. Close bottle tight right away.
2. Remove the filter and inject into IV bag.
3. Drip for 1 hour.

NEBULIZING MARAGEN

SAC can also be inhaled through nebulizer. SAC's property is still intact and about 15-20% of a dose of SAC (5ml) can be absorbed through the linings of nasal cavity and lungs. Nebulizing is only recommended for supplementing either oral or IV SAC protocol for the diseases that can benefit further from nebulizing, such as tumors or cysts in the nasal cavity, lungs, or ear canal where the absorption of SAC can directly affect the disease. Nebulizing alone will not be enough for the treatment, but oral or IV SAC treatment should be considered as primary. Portable nebulizer is recommended for convenience.

Nebulizing Dosage

Recommended one dosage: 5ml of SAC in 50ml of water. SAC to water ratio is 1:10. For nebulizing, either Maragen IV or oral Maragen can be used. Any water suitable for oral intake can be used for nebulizing. Do not use saline solution.

Portable nebulizer only holds 10-20ml of solution at a time. Use a bigger machine or do it multiple times to nebulize all 50ml.

MARAGEN VS MEGAGEN

The information present in this section helps to understand the differences of SAC content in **Doc of Detox** products. By comparing Maragen (strongest SAC product) and Megagen (Maintenance product), we gain deeper understanding how SAC is absorbed in our body.

Absorption Rate & Effectiveness

Maragen has 99% SAC purity and has 7.6mg of SAC in 5ml SAC solution
Megagen has 90% SAC purity and has 5.0mg of SAC in 5ml SAC solution

Oral Intake is limited by the patient's ability to drink 500ml of water at a time. 500ml of water expands our stomach for good absorption by diffusion.

SAC products are formulated to deliver the ideal amount of SAC for each product formulation @ 5ml of solution mixed into 500ml of water @ 1:100 ratio. This means that the higher ratio of SAC solution to water by putting more SAC into 500ml water will only reduce the absorption rate, and any unabsorbed SAC will be absorbed as protein-bound calcium in the duodenum by binding to vitamin D and not absorbed as ionic calcium.

MARAGEN VS MEGAGEN (CON'D)

(Example of oral intake of SAC)

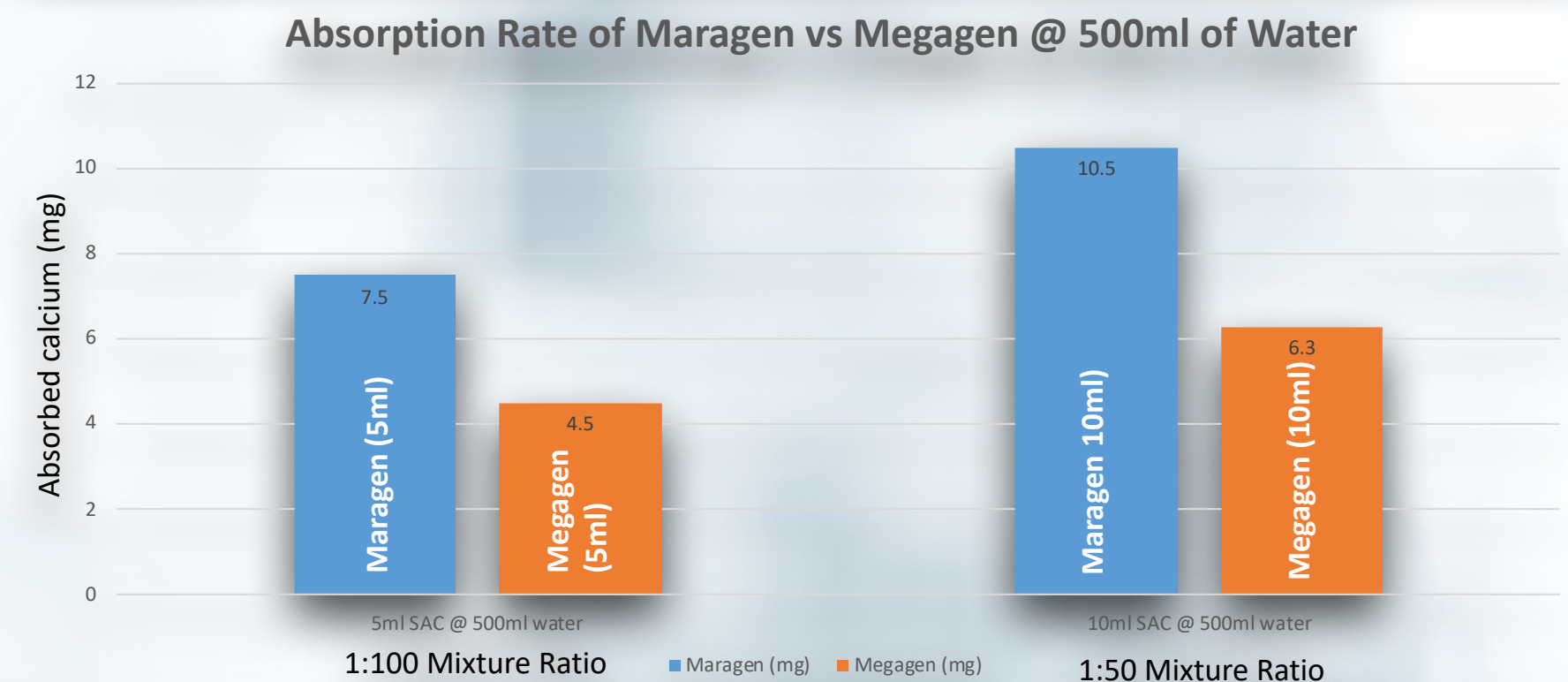
For example, 10ml SAC in 500ml of water has lower absorption rate, about 70% compared to 5ml of SAC in 500ml of water.

Maragen has 7.5mg SAC absorbed @ 5ml in 500ml
Maragen has 10.5mg SAC absorbed @ 10ml in 500ml

Megagen has 4.5mg SAC absorbed @ 5ml in 500ml
Megagen has 6.3mg SAC absorbed @ 10ml in 500ml

When we compare 10ml Megagen in 500ml of water to 5ml Maragen in 500ml of water, Maragen 5ml actually delivers a greater amount of SAC in our body than 10ml of Megagen, delivering more physiological effect even at half the amount of Megagen.

SAC Absorption Rate @ 500ml of Water



MARAGEN VS MEGAGEN (VERDICT)

For most patients, Maragen 5ml (7.6mg of SAC) will maximize the physiological ionic calcium benefits of the physiological moment and the excess will be excreted, bringing down the serum calcium ion level to the reference level within 4 hours. For these patients, repeating the dosage every 3-4 hours will maximize the efficacy of SAC.

However, there are patients needing more calcium ion which one dose of Maragen (7.6mg of SAC) cannot quench, and for such serious patients, either Maragen IV which delivers 15.2mg of SAC (10ml in 250ml solution) or 10ml of Maragen mixed to 500ml of water which delivers 10.5mg of SAC will provide much stronger impact than regular 5ml dosage which provide 7.6mg of SAC.

Though we have seen patients with big calcium ion needs also recover with multiple doses of 5ml doses of Maragen, 10ml of Maragen can give extra push.

Maragen is the default SAC product for all sickness. Megagen is for healthy people to maintain calcium homeostasis and to protect overall health.

INTRODUCTION TO NEW CALCIUM CARBONATE

Sigma Anti-bonding Calcium(SAC-CaCO₃)

SAC is the world's first calcium-ion-delivery-system which safely and effectively achieves the threshold level of plasma calcium-ion concentration to initiate a cascade of hormonal responses that awaken our body's amazing healing mechanisms!

SUCCESS STORY

Currently in medical world there is no effective way to stop age-related bone loss and resulting calcification issues that trigger hosts of degenerative diseases.

SAC therapy utilizes calcium ions as signaling agents to trigger our body's self-healing responses to reverse calcification, causing domino effects of healing processes to rebuild our health in systemic level. SAC's healing pathway is truly unique.



PROMISING ANIMAL TRIALS

2011 - Osteoporosis animal trial proved to be very promising. In the bone break test, SAC built much stronger bones than other groups given regular calcium supplement. Also, rapid bone loss of osteoporosis-induced ovariectomized rats was fully recovered (100%) with SAC.

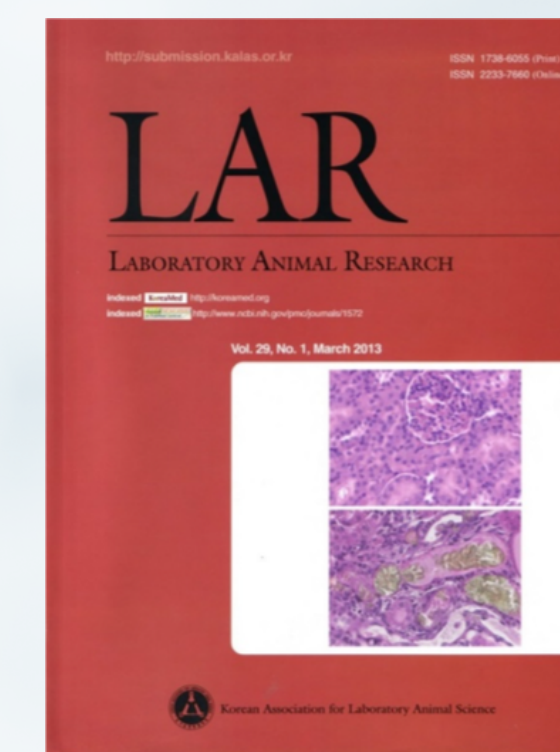
2017 - Colorectal cancer animal xenograft trial also proved to be promising. Evaluation of SAC for tumor growth inhibition showed that 70% tumor stopped growing or decreased in size within 3 weeks.

Bone Density

Clinical Trial Result

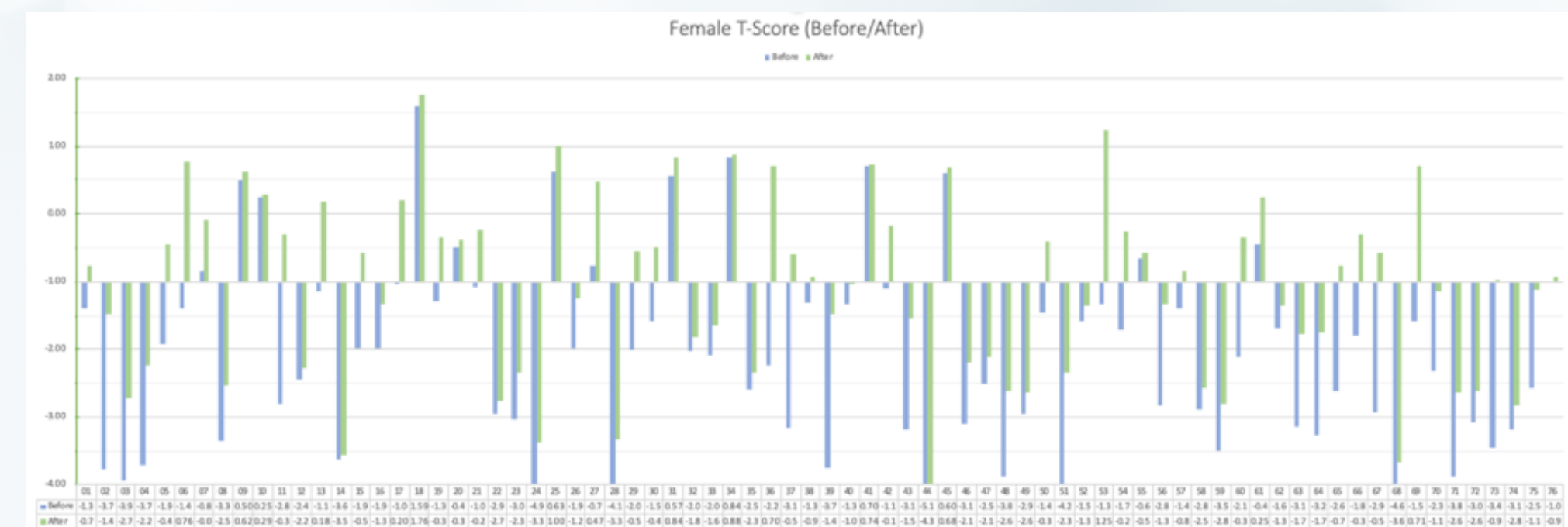
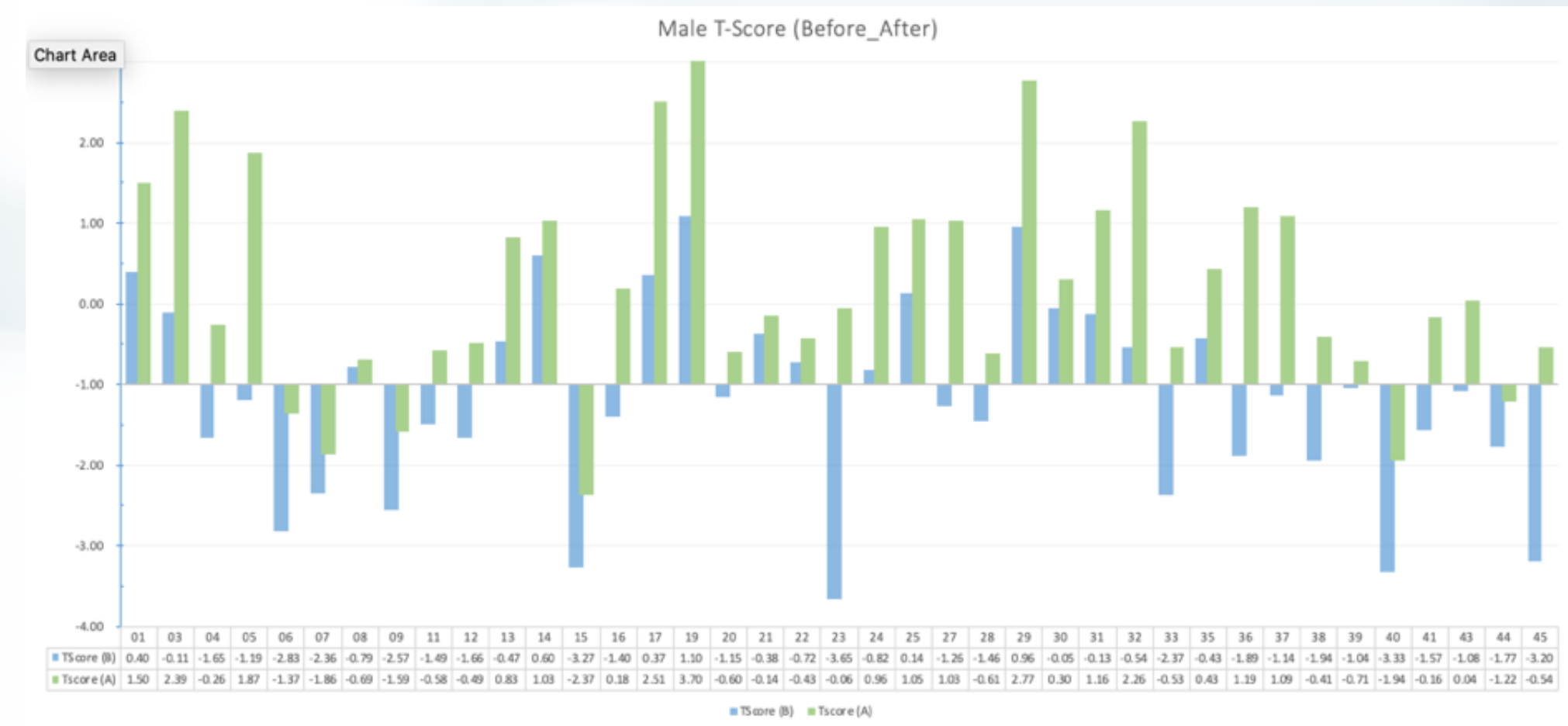
	Dose Conc.	BMD*
SAC Calcium	0.0001 %	102.2
Regular Calcium	0.01 %	96.2

*Bone Mineral Density

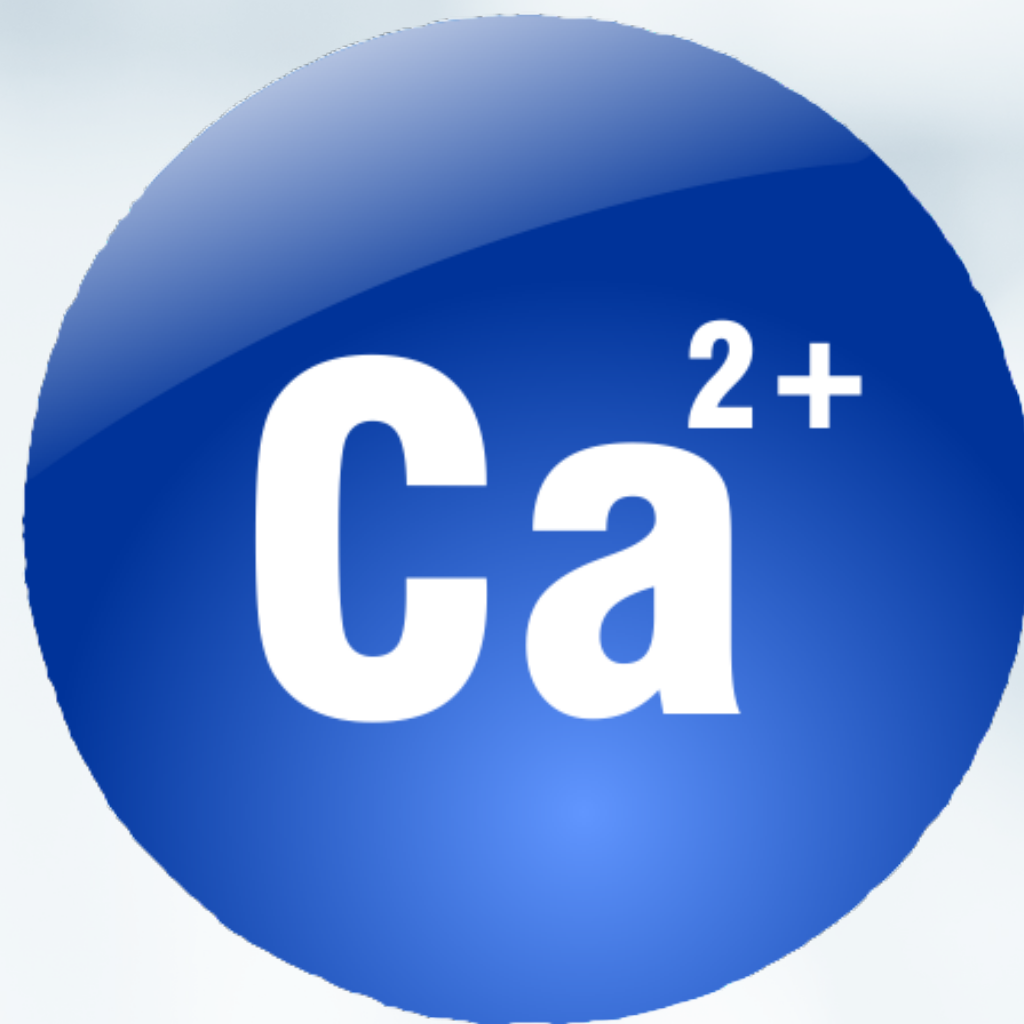


PROMISING HUMAN CLINICAL CASES

Calcium and Bone Health Institute in Canada (CBHI) compiled the data of pre and post SAC therapy bone density measurements of hundreds of participating patients and found that over 90% of patients experienced noticeable bone growth with majority achieving unprecedented rate of growth unseen with any other treatment currently available



FUNCTIONS OF CALCIUM IN OUR BODY



Muscle and Heart Contraction

Bone and Teeth / Blood Clotting

Stem Cell Regulation

Neuro Transmitter / Second Messenger

Hormone secretion / Enzyme Activation

Immune system / Cell Membrane Stability

Cell Functions and DNA Replication

ONLY SAC PROVIDES CALCIUM IN IONIC FORM

Ionized calcium (Ca^{2+}) is the only *physiologically active form* that can be absorbed in our bones by stimulating hormones, which trigger the bone formation process (osteoblast) Our blood has 50% of serum calcium already in ionic form!



CALCIUM CONTENT IN NORMAL BLOOD

50% Ca^{2+}

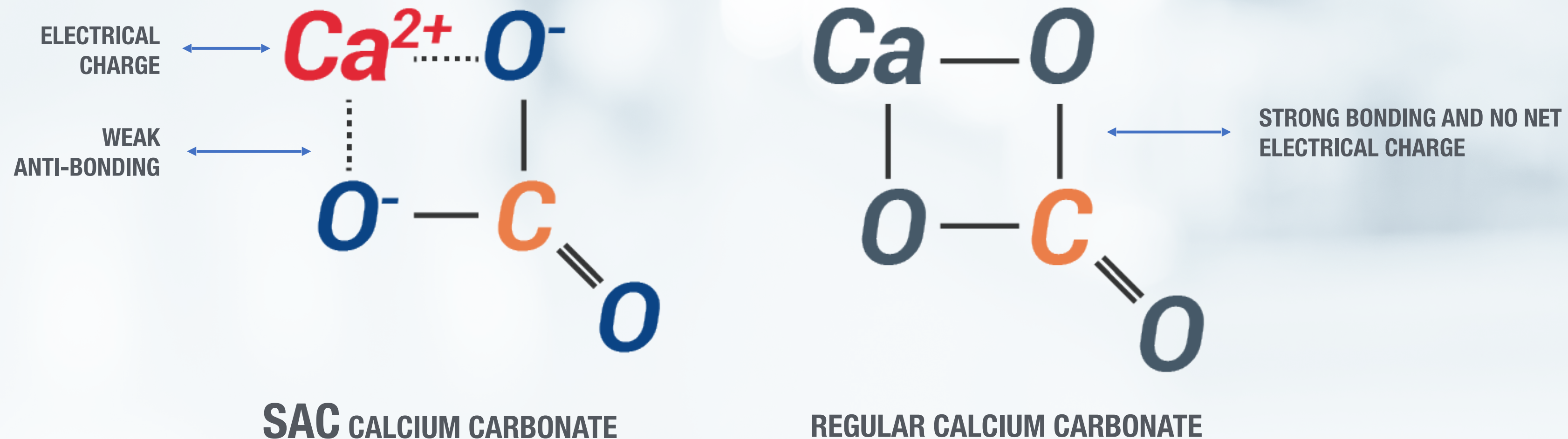
45% Protein Calcium

5% Inorganic Calcium

SAC UTILIZES SIGMA ANTI-BONDING

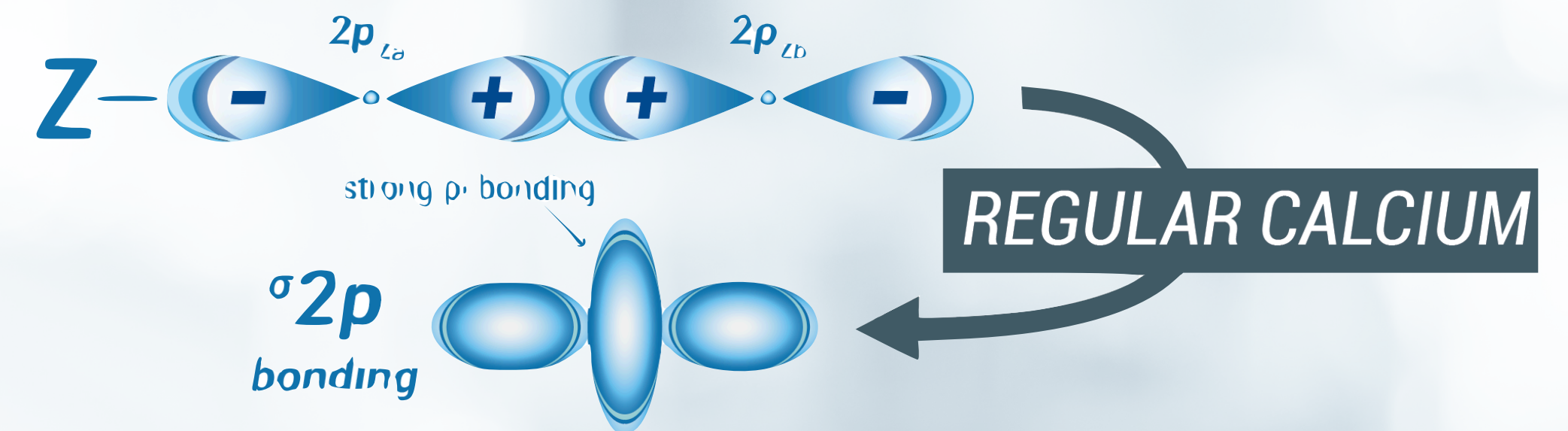
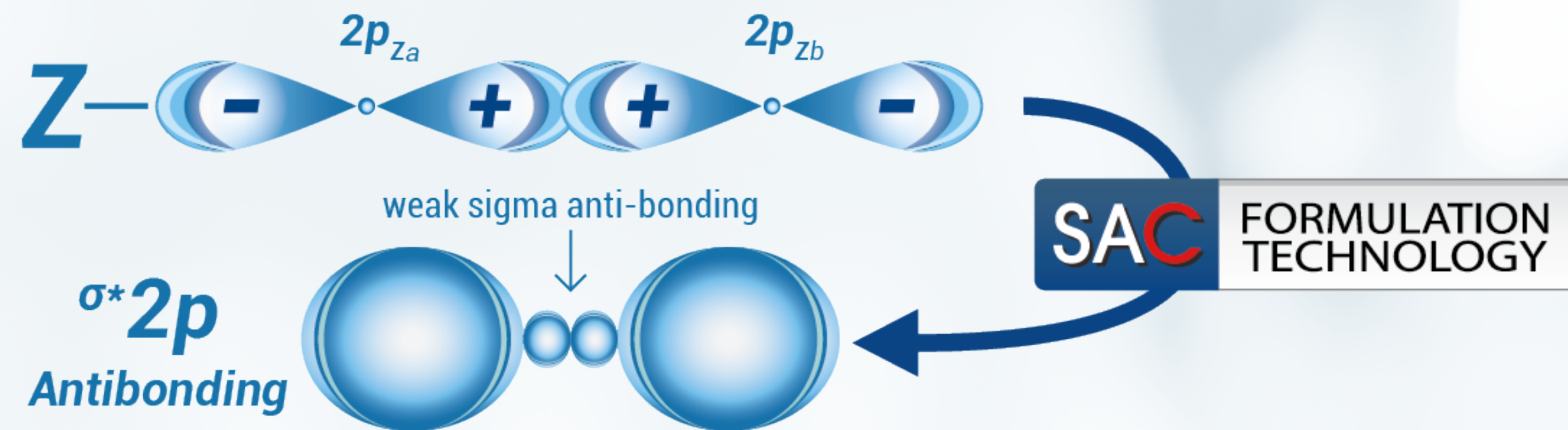
Sigma Anti-bonding Calcium(SAC-CaCO₃)

Sigma Anti-bonding is a very weak and unstable chemical bonding that rarely exists naturally at room temperature. CBHI's 10 years of R&D made this possible for calcium carbonate. It is 200x more soluble and is the first safe calcium-ion-delivery-system to elevate the amount of serum ionic calcium level to initiate a cascade of hormonal responses including osteoblast in building strong bone.



SAC EASILY RELEASES CALCIUM IONS

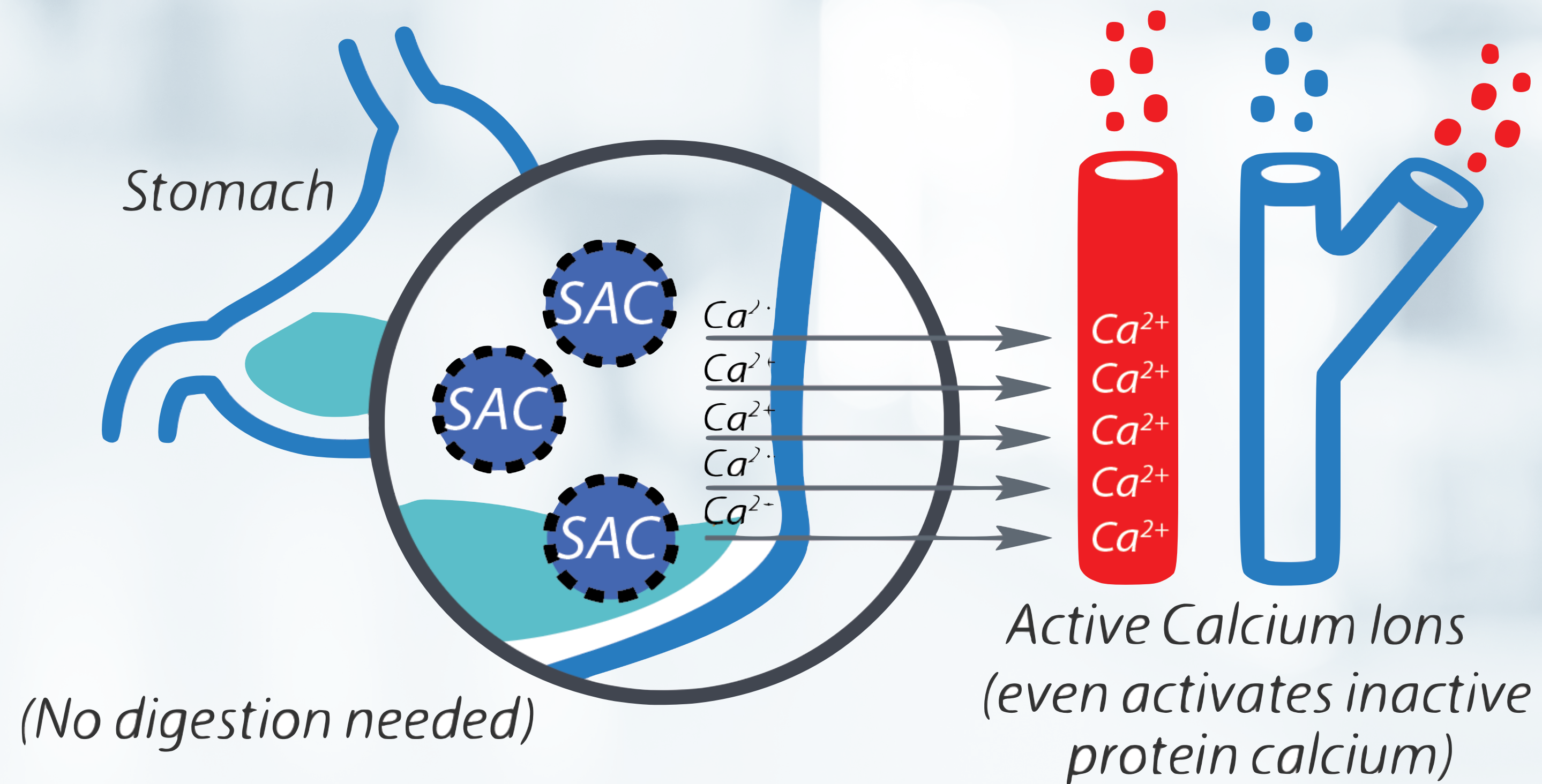
Sigma Anti-bonding Calcium(SAC-CaCO₃)



SAC is 200x more soluble in water and 3x more reactive in chemical reactions due to its weak Sigma anti-bonding. Calcium ion is easily released due to the weak bonding.

SAC IS ABSORBED BY DIFFUSION

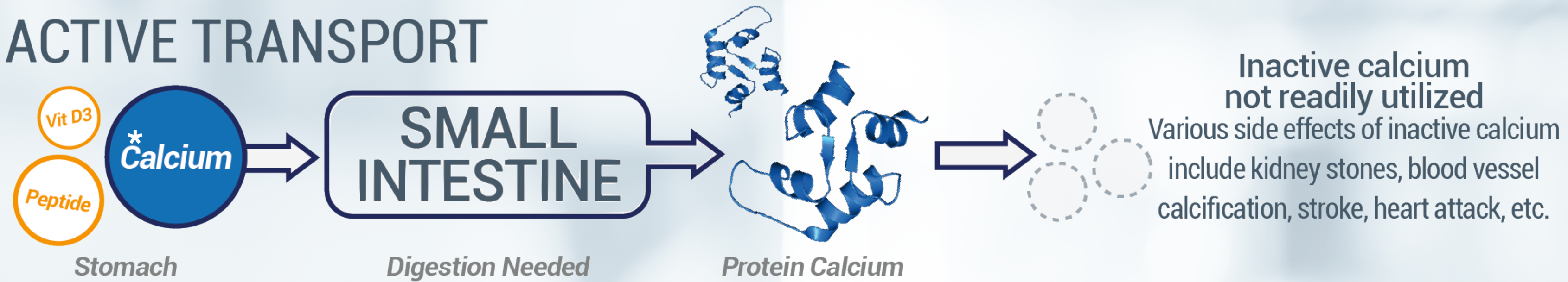
(MIXED WITH WATER @ 1:100 RATIO)



ACTIVE -VS- PASSIVE

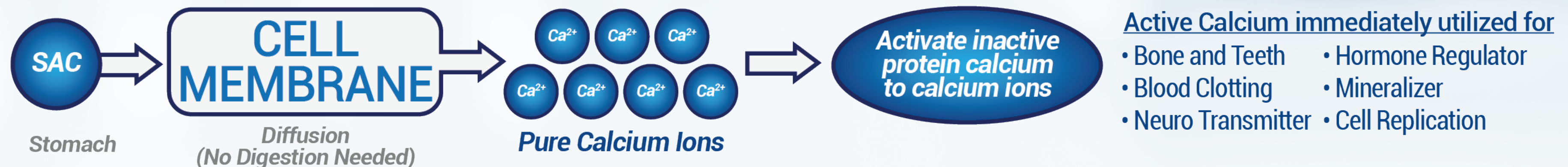
SAC ABSORPTION

ACTIVE TRANSPORT



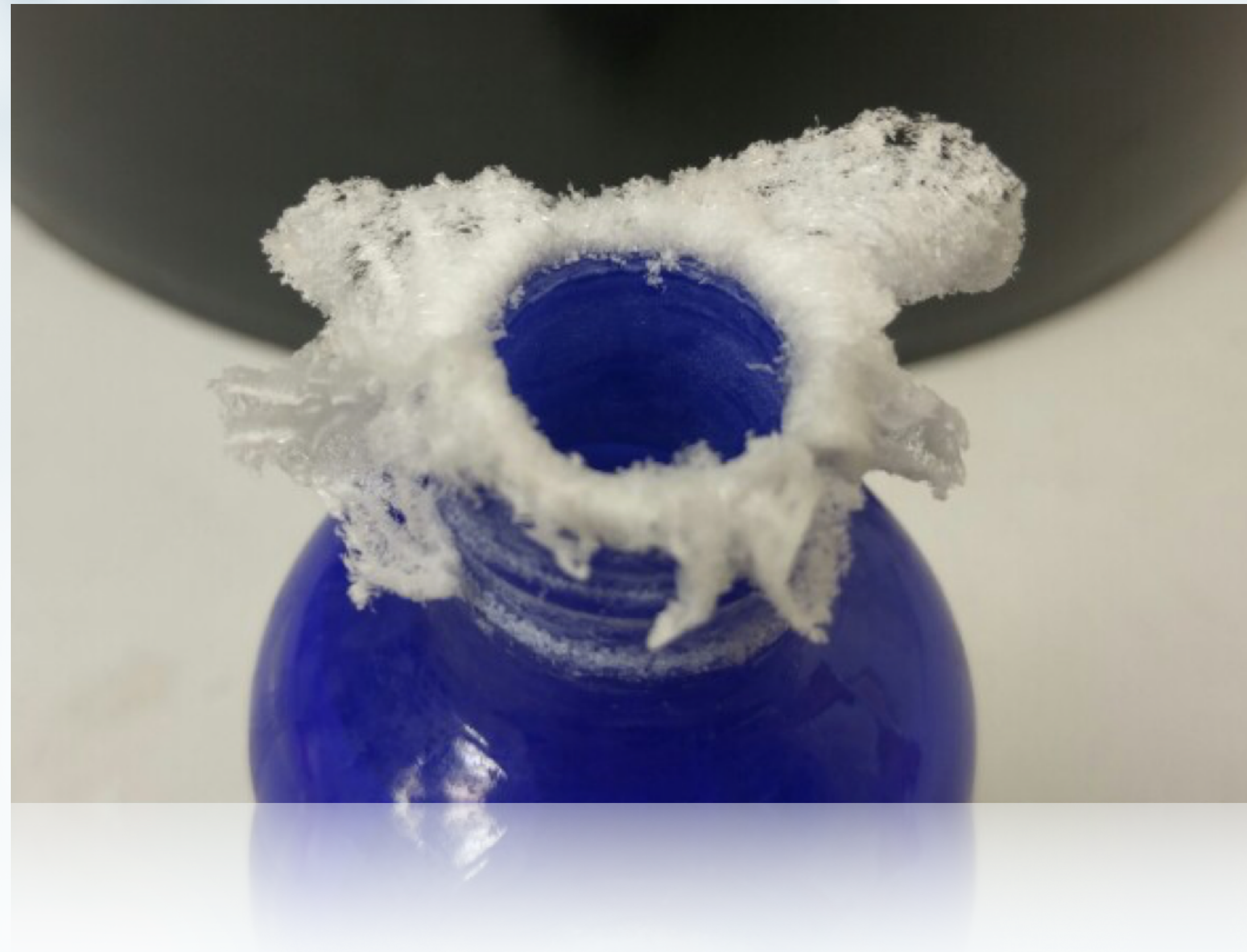
* Includes calcium from both diet and calcium supplements such as calcium carbonate, calcium citrate, calcium lactate, calcium aspartate anhydrous, calcium orotate, calcium citrate malate, calcium gluconate, coral calcium, etc.

PASSIVE TRANSPORT (Only SAC)



UNIQUE PHYSICAL PROPERTY

SAC flies out of water and crystallizes with CO₂



SAMPLE CLINICAL CASES ACHIEVED WITH SAC THERAPY

From osteoporosis to
Alzheimer's and to cancer,
SAC therapy produced
amazing results through wide
spectrum of multi-factorial
degenerative diseases

WHAT DO OUR PATIENTS SAY?

Margen is helping my
daughter's Crohn's disease!

JOANNE B. - AGE 66, FEMALE

Maragen cured my friend of
multiple myeloma. It is cancer!!

MOLLY HOLT - AGE 74, FEMALE

My blood sugar level
dropped by 50 points!

Y. S. KWAK - AGE 69, FEMALE, NYC

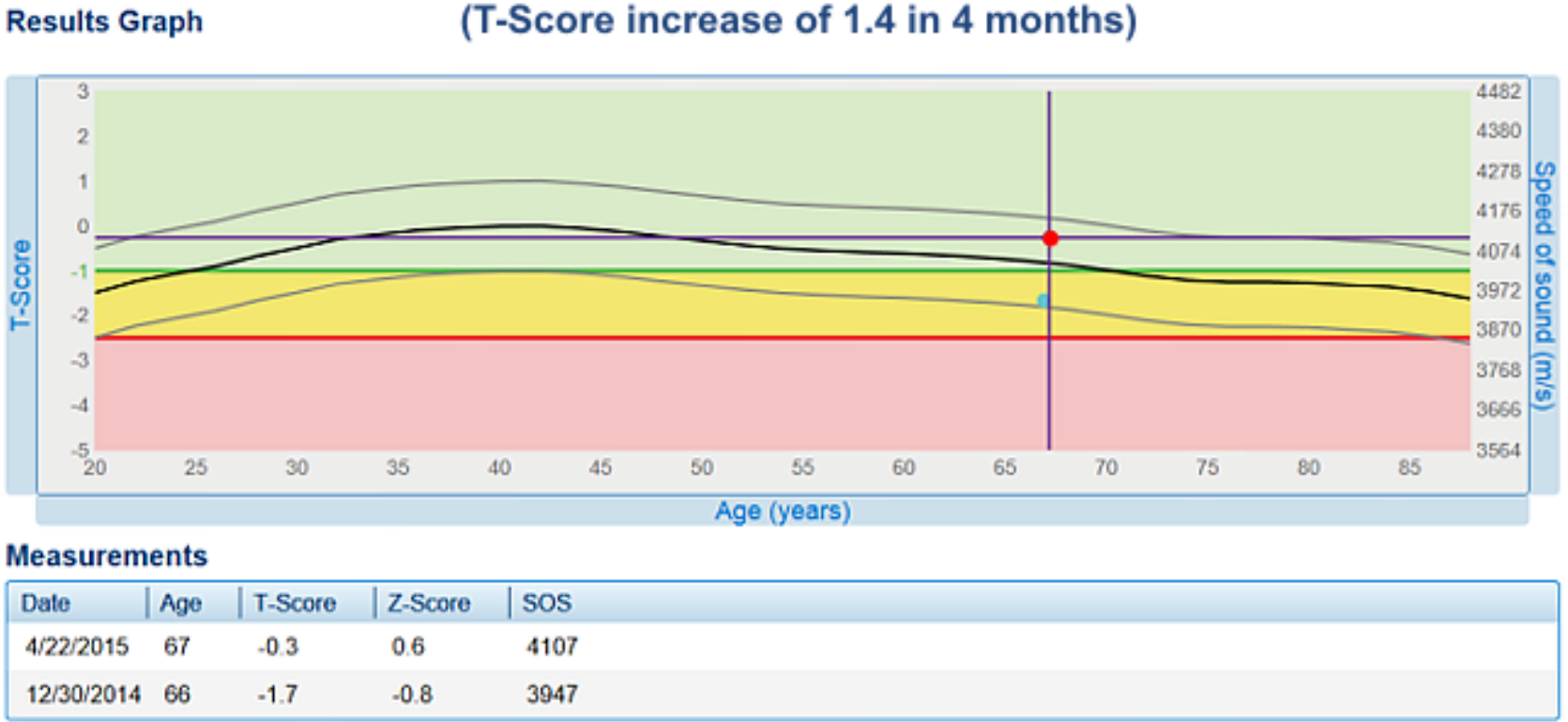
Arthritis pain and
swelling is gone! Amazing!

M. KIM - AGE 53, FEMALE

My bone density is back to normal.
No more osteoporosis!

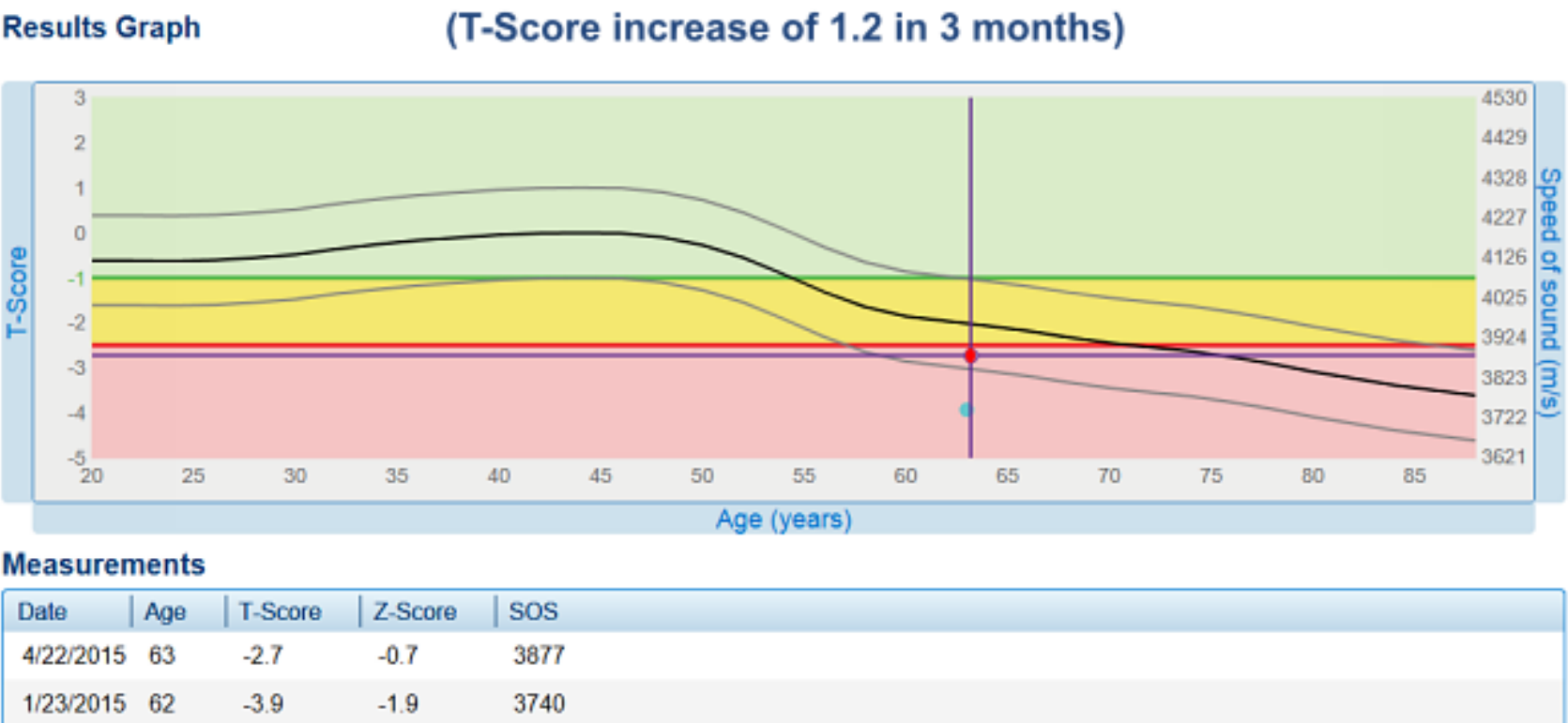
M. S. PARK - AGE 55, MALE

SAMPLE CLINICAL BONE DENSITY INCREASE



AGE: 66M

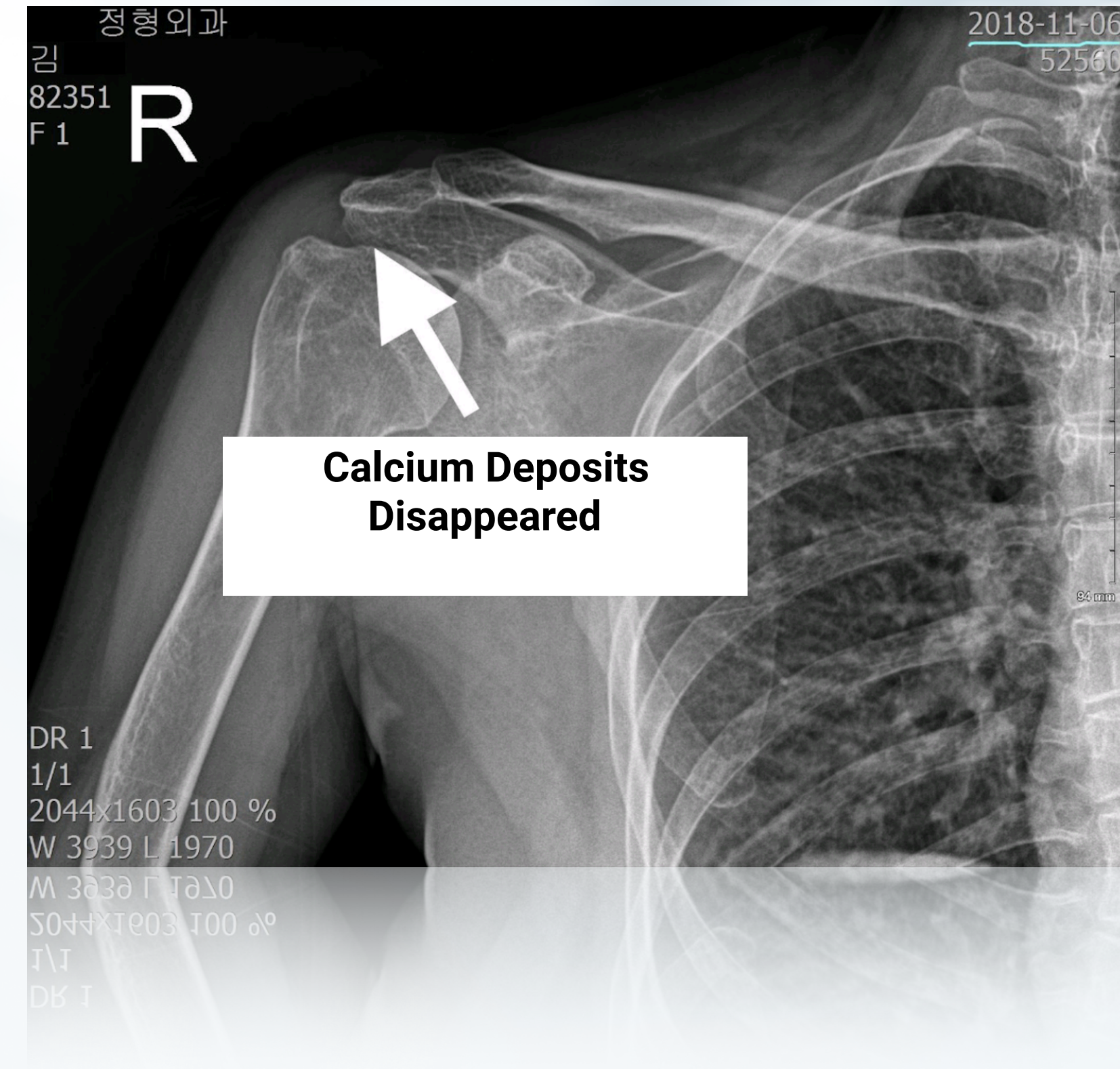
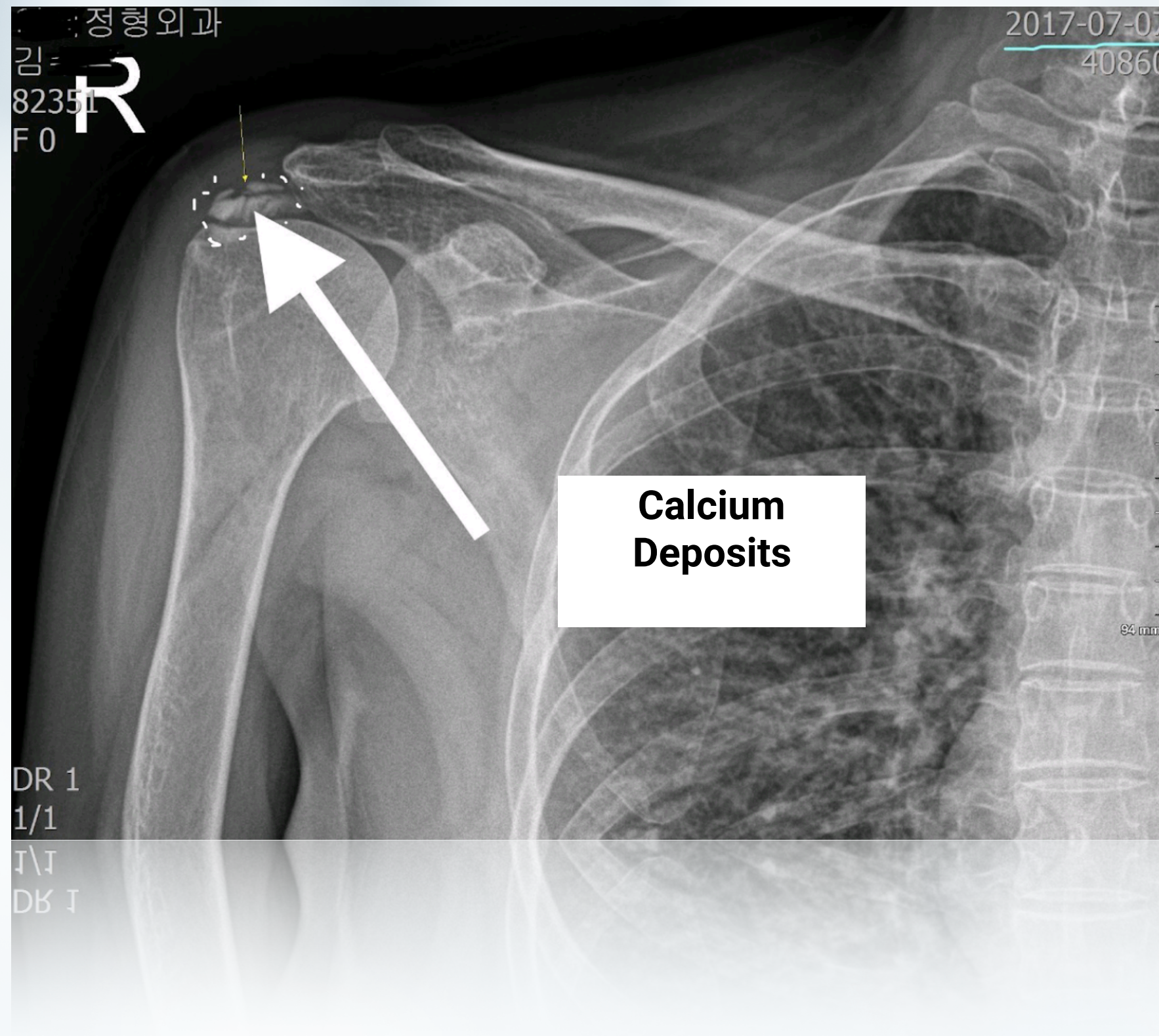
T-Score Increase: 1.4
From osteoporosis to normal in 4 months.



AGE: 62F

T-Score Increase: 1.2
In 3 months.

SAMPLE DECALCIFICATION EFFECTS OF SAC



CLINICAL TRIAL SAMPLE

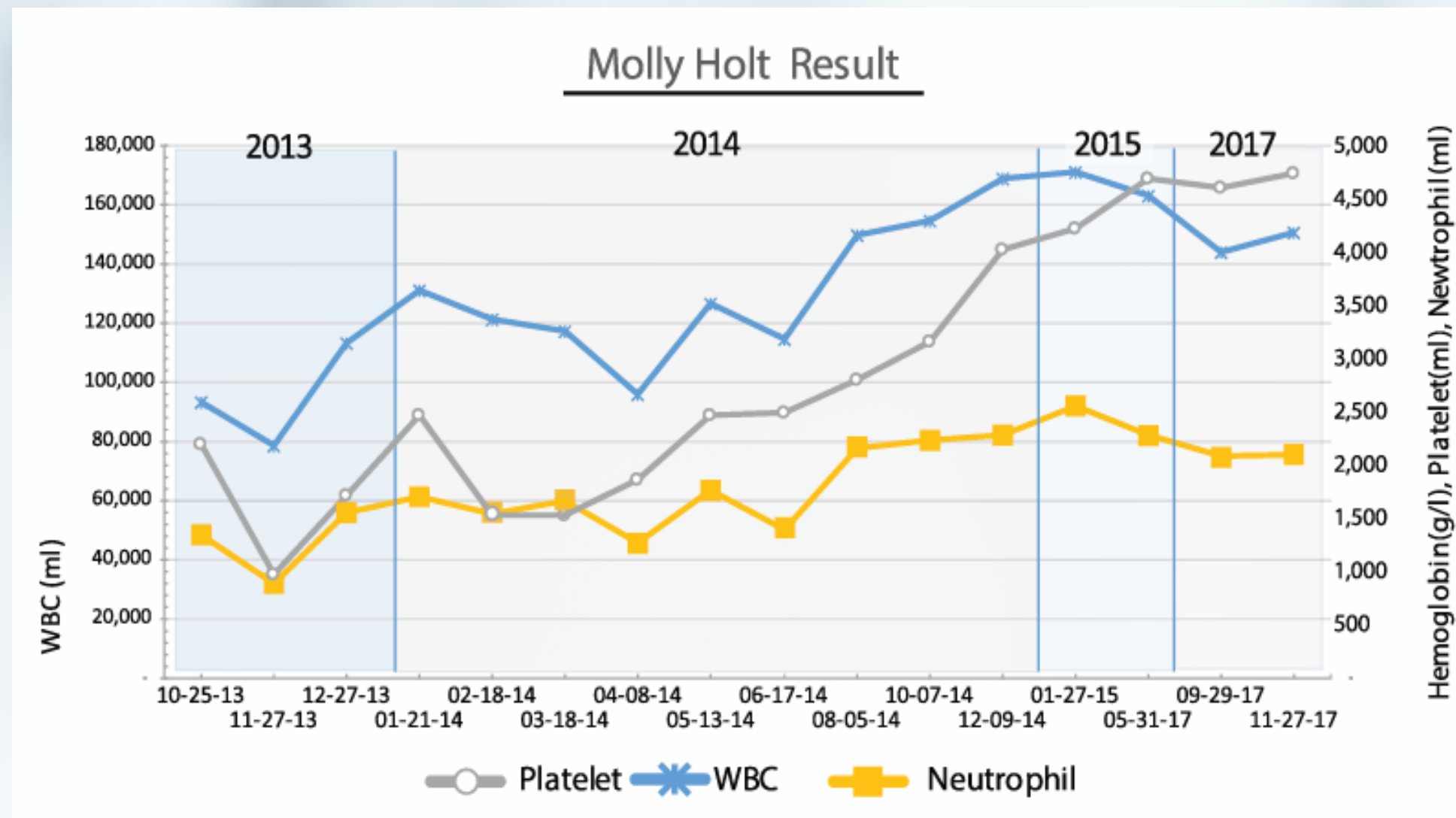
Cancer Remission under SAC Therapy

Ms. M. Holt (Age 80)

Diagnosed with Multiple Myeloma (2012)



RECOVERY FROM CANCER, OSTEOPOROSIS & KIDNEY FAILURE



- Ms. Holt's hematological data such as Platelet, WBC, and Neutrophil have normalized and declared cancer free.
- Ms. Holt's chemo damaged kidney is recovered. (GFR 10 to 60)
- Ms. Holt's BMD score also has significantly improved after treating with SAC, fully recovering from osteoporosis

Date	T Score	State
Nov.25.2015	-0.9	Normal
Nov.20.2013	-3.6	Osteoporosis

CLINICAL TRIAL SAMPLE

Cancer Remission under SAC Therapy

Mr. J Crook (Age 66)

Diagnosed with Prostate Cancer
with Liver Metastasis (2018)



MR. J. CROOK'S DIAGNOSIS (JUNE 18, 2018)

Exam Type:

CT Chest

History:

Pleuritic Chest Pain, Query Metastatic Disease

Technique:

Unenhanced Volumetric Axial Images were obtained through the Chest with Standard Reformats

Findings:

There are several enlarged left supraclavicular lymph nodes, with the largest measuring 1.7cm in size.

There are is fairly extensive coronary artery calcifications.

The visualized upper abdomen re-demonstrates **numerous masses throughout the liver.**

Re-demonstration of **multiple enlarged upper abdominal lymph nodes.**

Impression:

1. Left supraclavicular lymphadenopathy, favoured to be **metastatic in nature.**
2. No other findings of intrathoracic metastatic disease.

MR. J. CROOK'S POST SAC RESULTS (OCT 26, 2018)

Exam Type:

CT Abdomen and Pelvis Enhanced

History:

Known Prostate Cancer with Visceral Metastases

Technique:

Enhanced CT of the abdomen and pelvis with intravenous contrast

Findings: (After taking SAC since July)

The segment 4a lesion has decreased to 1.6 cm from 3.3 cm. Most of the other lesions have also decreased in size. No definite new lesions in the liver.

The prostate gland has decreased in size with no new focal lesions.

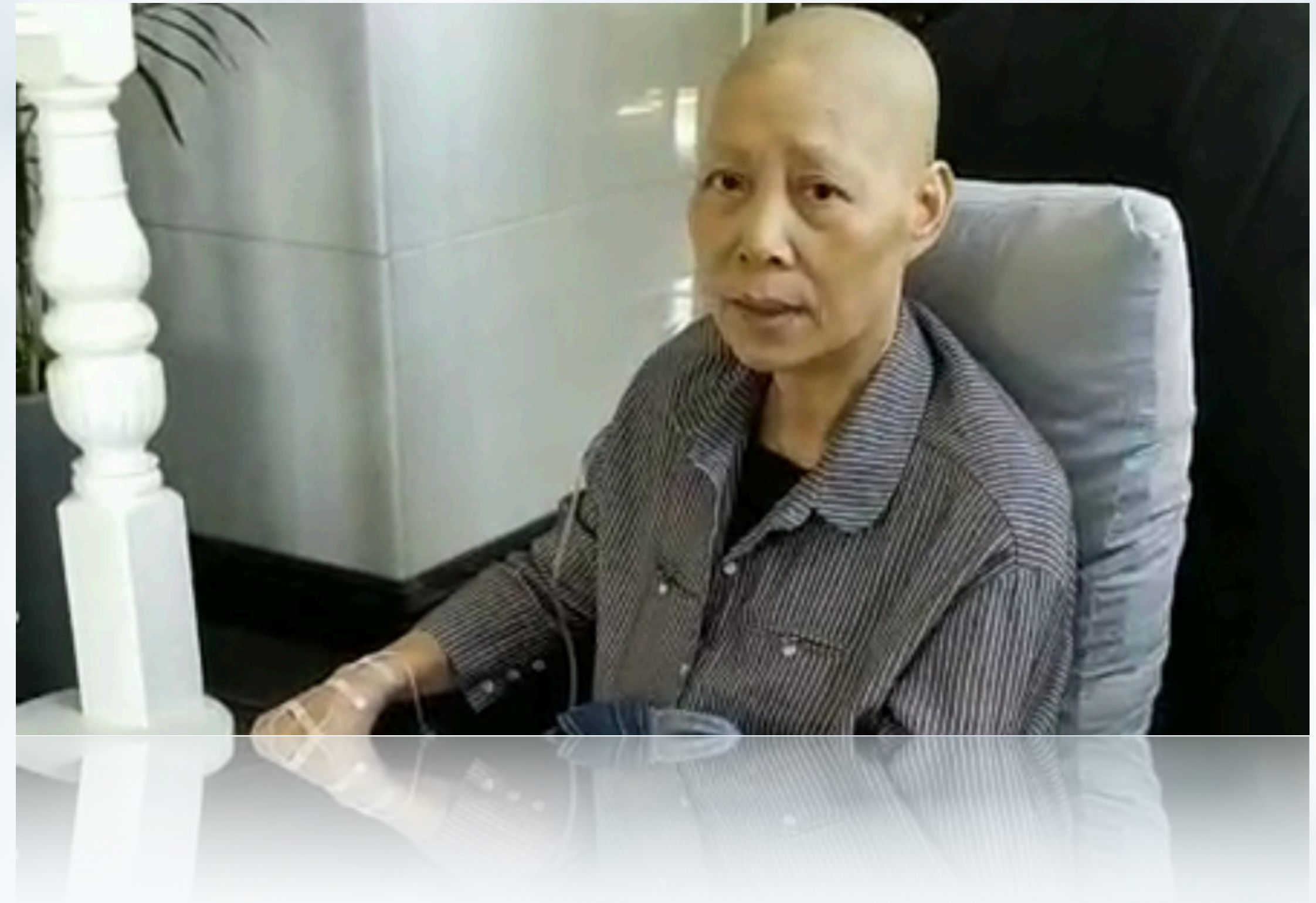
Multiple lower retroperitoneal and iliac chain lymph nodes have decreased in size. A lymph node just inferior to the aortic bifurcation has decreased to 10 mm from 23 mm. No definite new lymphadenopathy.

CLINICAL TRIAL SAMPLE

Cancer Remission under SAC Therapy

Ms. Jin, (Age 59, Zhejian, China)

Diagnosed with 4th Stage Ovary Cancer (2019)



MS. JIN'S PROGRESS REPORT

Treatments Received:

December, 2018

Oophorectomy performed

October, 2019

Chemo and radiation treatment stopped as Ca125 rose above 10,000 and cancer continued to spread all over the body.

October, 2019

Maragen IV treatment started with 10ml of Maragen in 250ml 0.9 saline solution 2x/day.

No other therapies administered.

MS. JIN'S PROGRESS REPORT

Anecdotal improvements experienced within 2 months of taking SAC

- Stomach much more comfortable with increased appetite and more nutritional absorption.
- No longer needs sleeping pills to fall asleep
- Every morning trip to bathroom now possible. Difficulty of urination and pooping alleviated.
- Emotionally brighter and her face looks lively. Started gardening and house works again.

MS. JIN'S PROGRESS REPORT

CA125 Measurements under Maragen IV



SAC THERAPY PRODUCT LINE UP

NPN 80043292 - CANADA



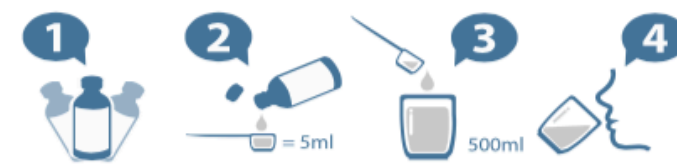


MARAGEN

FORMULA FOR CANCER AND INCURABLE DISEASE

Pronuvia brings highly functional supplements to enhance your health. We stand behind our products for your complete satisfaction.

DIRECTIONS



Shake well before use. Mix 5ml of the liquid to 500ml of water in empty stomach 30 minutes before any food intake.

CAUTION

Store away from direct heat and sunlight. After opening, store at room temperature and consume within 120 days. Keep the bottle tightly closed to preserve contents. Do not use if safety seal is tampered or missing. Keep out of reach to children.

NO APPROVED THERAPEUTIC CLAIMS



LIQUID
120 ML / 4.06 FL OZ

Use with Recommendation of Healthcare Professional

Supplement Facts

SERVING SIZE: 1 TSP (5ml)
SERVINGS PER CONTAINER: 24

AMOUNT PER SERVING	*% DAILY VALUE
CALCIUM 7.6 mg	<1%
MAGNESIUM 0.56 mg	<1%
ZINC 0.2 mg	2%
SELENIUM 40 mcg	80%

PERCENT DAILY VALUES ARE BASED ON A 2,000 CALORIE DIET
THIS PRODUCT IS FREE FROM ARTIFICIAL COLORS, FLAVORS,
GLUTEN, LACTOSE, SUGAR, YEAST AND ANIMAL DERIVATIVES

OTHER INGREDIENTS: PURIFIED WATER

MANUFACTURED BY
MARAHDEO HOLDINGS
Coquitlam, BC, Canada

DISTRIBUTED BY
Pronuvia

Flushing, NY 11358
USA

+1.800.568.2982
www.pronuvia.com



Made in Canada NPN 80043292

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MARAGEN

FORMULA FOR CANCER AND INCURABLE DISEASE



MaraGen is **Doc of Detox's** strongest SAC-applied product which aims to rebuild our diseased systemic health from the cellular level. By promoting decalcification from cellular to systemic level by stimulating osteoblasts, MaraGen helps to recover from over 150 degenerative diseases that are thought to be calcium-related. Many pieces of research linked cellular calcification to mitochondrial disease, metabolic syndrome, neurodegenerative diseases, and even cancer.

According to Mitochondrial Free Radical Theory, calcium ions accumulated in the walls of mitochondria induces production of reactive oxygen species (ROS) which damages DNA, RNA, and proteins, and thus becomes the leading cause of both aging and cancer. By triggering calcium homeostasis, Maragen can reduce the production of ROS, restore cellular signaling, repair mitochondria dysfunction, and build strong immune system.

Pathogens, including cancer cells, thrive in an acidic environment due to the lack of oxygen in the body. When the blood pH is restored to ideal 7.4, our immune system is optimized to detect and destroy pathogens and reduces inflammation. MaraGen helps our body to neutralize the acid and to restore the ideal body pH.



ALZIGEN

FORMULA FOR BRAIN HEALTH

Pronuvia brings highly functional supplements to enhance your health. We stand behind our products for your complete satisfaction.

DIRECTIONS



Shake well before use. Mix 5ml of the liquid to 500ml of water in empty stomach 30 minutes before any food intake.

CAUTION

Store away from direct heat and light. After opening, store at room temperature and consume within 120 days. Keep the bottle tightly closed to preserve contents. Do not use if safety seal is tampered or missing. Keep out of reach to children.



250ml / 8.45 fl. oz. liquid

Use with Recommendation of Healthcare Professional

Supplement Facts

SERVING SIZE: 1 TSP (5ml)
SERVINGS PER CONTAINER: 50

AMOUNT PER SERVING	*% DAILY VALUE
SELENIUM 40 mcg	80%
CALCIUM 7.2 mg	<1%
MAGNESIUM 0.56 mg	<1%
ZINC 0.2 mg	2%

PERCENT DAILY VALUES ARE BASED ON A 2,000 CALORIE DIET. THIS PRODUCT IS FREE FROM ARTIFICIAL COLORS, FLAVOURS, GLUTEN, LACTOSE, SUGAR, YEAST AND ANIMAL DERIVATIVES.

OTHER INGREDIENTS: PURIFIED WATER

MANUFACTURED BY
MARAHDEO HOLDINGS & INC.
Coquitlam, BC, Canada

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Made in Canada NPN 80043292 Exp: Nov. 30, 2022

Made in Canada NPN 80043292 Exp: Nov. 30, 2022



1-888-976-6272
Flushing, NY 11358
www.Pronuvia.com



Keep out of reach to children. Use with Recommendation of Healthcare Professional

Use with Recommendation of Healthcare Professional

Use with Recommendation of Healthcare Professional

ALZIGEN

FORMULA FOR BRAIN HEALTH



The global cost of Alzheimer's disease and dementia is estimated to be \$605 billion. However, there are no drug treatments available that can provide a cure for Alzheimer's disease yet. Many health professionals label AD as type 3 diabetes and others suggest age, genetics and mineral imbalances as the possible cause of AD.

Many latest research have linked the onset of the Alzheimer's disease to disturbance of calcium homeostasis in the brain cells which alters calcium signaling pathways which accounts for at least three major and interrelated toxic pathways: oxidative stress, mitochondrial dysfunction and neuroinflammation in neurodegenerative diseases.

Aging-associated progressive loss of bone mass is largely to blame for this disturbance of calcium homeostasis which in turn leads to neurodegenerative diseases. According to recent scientific research, senior women who have low bone density are more than twice likely to develop Alzheimer's disease. It indicates that AD is closely linked to osteoporosis. Triggering osteoblast to clear cellular calcification helps restore calcium homeostasis in cells and has thus shown promising results for AD patients.

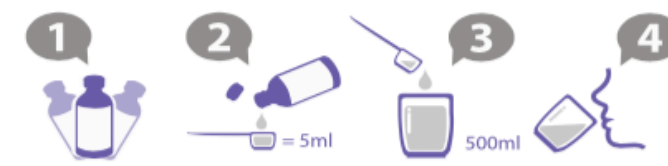


DENTIGEN

FORMULA FOR IMPROVING DENTAL HEALTH

Pronuvia brings highly functional supplements to enhance your health. We stand behind our products for your complete satisfaction.

DIRECTIONS



Shake well before use. Mix 5ml of the liquid to 500ml of water in empty stomach 30 minutes before any food intake.

CAUTION

Store away from direct heat and light. After opening, store at room temperature and consume within 120 days. Keep the bottle tightly closed to preserve contents. Do not use if safety seal is tampered or missing. Keep out of reach to children.

NO APPROVED THERAPEUTIC CLAIMS



LIQUID
120 ML / 4.06 FL OZ

Use with Recommendation
of Healthcare Professional

Supplement Facts

SERVING SIZE: 1 TSP (5ml)
SERVINGS PER CONTAINER: 24

AMOUNT PER SERVING	*% DAILY VALUE
CALCIUM 6.4 mg	<1%
MAGNESIUM 0.56 mg	<1%
ZINC 0.2 mg	2%
SELENIUM 40 mcg	80%

*PERCENT DAILY VALUES ARE BASED ON A 2,000 CALORIE DIET
THIS PRODUCT IS FREE FROM ARTIFICIAL COLORS, FLAVOURS,
GLUTEN, LACTOSE, SUGAR, YEAST AND ANIMAL DERIVATIVES

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Flushing, NY 11358

DENTIGEN

FORMULA FOR IMPROVING DENTAL HEALTH



SAC therapy raises plasma calcium ion level and stimulates the release of TH and PTH that balances calcium homeostasis and increases the bone turnover rate to build strong bones. This process helps to rebuild alveolar bones of maxillary and mandible, hence increasing the rate of successful implants or periodontal treatments.

When working in conjunction with bone grafts, Dentigen accelerates the rebuilding of extraction sockets, promotes the integration of grafted bones, and assures better osseointegration of implant materials. Complementing bone grafts with Dentigen not only speeds up the procedure but also increases the success rate, even making difficult cases possible for dentists.

Human periodontal ligament stem cells (hPLC) in periodontal ligaments differentiate into root cementum or alveolar bones and are known to be optimally active when the ratio of calcium and phosphorous ions are 2:1. Dentigen helps the stimulation of hPLC by bringing calcium to phosphorous ratio to this ideal level.

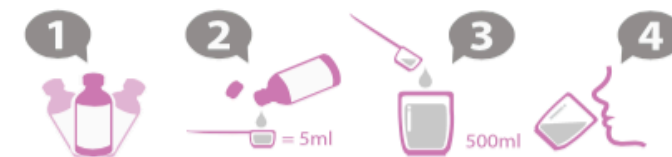


CARTIGEN

FORMULA FOR ARTHRITIS AND JOINT HEALTH

Pronuvia brings highly functional supplements to enhance your health. We stand behind our products for your complete satisfaction.

DIRECTIONS



Shake well before use. Mix 5ml of the liquid to 500ml of water in empty stomach 30 minutes before any food intake.

CAUTION

Store away from direct heat and light. After opening, store at room temperature and consume within 120 days. Keep the bottle tightly closed to preserve contents. Do not use if safety seal is tampered or missing. Keep out of reach to children.

NO APPROVED THERAPEUTIC CLAIMS



LIQUID
120 ML / 4.06 FL OZ

Use with Recommendation of Healthcare Professional

Supplement Facts

SERVING SIZE: 1 TSP (5ml)
SERVINGS PER CONTAINER: 24

AMOUNT PER SERVING	*% DAILY VALUE
CALCIUM 5.6 mg	<1%
MAGNESIUM 0.56 mg	<1%
ZINC 0.2 mg	2%
SELENIUM 40 mcg	80%

PERCENT DAILY VALUES ARE BASED ON A 2,000 CALORIE DIET
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+1.800.568.2982
www.pronuvia.com



Made in Canada NPN 80043292

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www.pronuvia.com
+1.800.568.2982
USA
Flushing, NY 11358



NO APPROVED THERAPEUTIC CLAIMS

Use with Recommendation of Healthcare Professional

120 ML / 4.06 FL OZ

LIQUID

CARTIGEN

FORMULA FOR ARTHRITIS AND JOINT HEALTH



Life takes a toll on our bones and joints. With age comes painful joints caused by wear and tear of cartilage, and unfortunately, modern medical science only provides solutions that may ease pains and inflammations with many side effects. Also because there are no blood vessels delivering nourishment to joints readily, the natural healing process of joints is slow for most patients.

Calcium ions move freely in and out of blood vessels to reach joints and initiate cartilage repair by stimulating stem cells in the cartilage, namely chondrocytes. Also, anti-inflammatory and immune-normalizing effect of calcium ions offer a scientifically superior solution for easing joint disorder pains. Formulated for cartilage repair, Cartigen helps more calcium ions to permeate deeper into the joints to help rebuild damaged cartilage (stem cell action) and by removing painful mineral deposits. (calcium homeostasis)

For faster results, Maragen can be taken together with Cartigen.



MEGAGEN

FORMULA FOR OSTEOPOROSIS AND BONE HEALTH

Pronuvia brings highly functional supplements to enhance your health. We stand behind our products for your complete satisfaction.

DIRECTIONS



Shake well before use. Mix 5ml of the liquid to 500ml of water in empty stomach 30 minutes before any food intake.

CAUTION

Store away from direct heat and light. After opening, store at room temperature and consume within 120 days. Keep the bottle tightly closed to preserve contents. Do not use if safety seal is tampered or missing. Keep out of reach to children.

NO APPROVED THERAPEUTIC CLAIMS



LIQUID
120 ML / 4.06 FL OZ

Use with Recommendation
of Healthcare Professional

Supplement Facts

SERVING SIZE: 1 TSP (5ml)
SERVINGS PER CONTAINER: 24

AMOUNT PER SERVING	*% DAILY VALUE
CALCIUM 5 mg	<1%
MAGNESIUM 0.4 mg	<1%
SELENIUM 40 mcg	80%

PERCENT DAILY VALUES ARE BASED ON A 2,000 CALORIE DIET
THIS PRODUCT IS FREE FROM ARTIFICIAL COLORS, FLAVOURS,
GLUTEN, LACTOSE, SUGAR, YEAST AND ANIMAL DERIVATIVES

OTHER INGREDIENTS: PURIFIED WATER

MANUFACTURED BY
MARAHDEO HOLDINGS
Coquitlam, BC, Canada

DISTRIBUTED BY
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MEGAGEN

FORMULA FOR OSTEOPOROSIS AND BONE HEALTH



Osteoporosis and hormonal imbalances start affecting many people in their middle ages. Utilizing revolutionary SAC technology that delivers calcium ions directly to our blood plasma, MegaGen is formulated to trigger our body's natural responses to balance our hormones and initiate the cascade of repairing processes with manifold health benefits including maintaining healthier bones to prevent osteoporosis.

Most noticeable result is strengthening of our bones by stabilizing calcium homeostasis. Formulated to be a maintenance product for healthy individuals who want to fight aging-related bone loss and subsequent disruption of calcium homeostasis which ultimately leads to hosts of degenerative diseases. Megagen is truly a champion in maintaining optimum health considering its manifold health effect.

Even as an antioxidant, MegaGen is unmatched in its potency and effectiveness compared to other products at matching price. Benefits of MegaGen are too many to list.

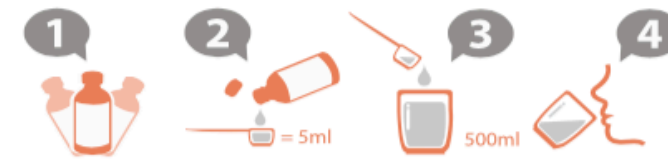


OSSO JR

FORMULA FOR KIDS

Pronuvia brings highly functional supplements to enhance your health. We stand behind our products for your complete satisfaction.

DIRECTIONS



Shake well before use. Mix 5ml of the liquid to 500ml of water in empty stomach 30 minutes before any food intake.

CAUTION

Store away from direct heat and light. After opening, store at room temperature and consume within 120 days. Keep the bottle tightly closed to preserve contents. Do not use if safety seal is tampered or missing. Keep out of reach to children.

NO APPROVED THERAPEUTIC CLAIMS



LIQUID
120 ML / 4.06 FL OZ

Use with Recommendation
of Healthcare Professional

Supplement Facts

SERVING SIZE: 1 TSP (5ml)
SERVINGS PER CONTAINER: 24

AMOUNT PER SERVING	*% DAILY VALUE
CALCIUM 4.2 mg	<1%
MAGNESIUM 0.22 mg	<1%
SELENIUM 32 mcg	64%

PERCENT DAILY VALUES ARE BASED ON A 2,000 CALORIE DIET
THIS PRODUCT IS FREE FROM ARTIFICIAL COLORS, FLAVOURS,
GLUTEN, LACTOSE, SUGAR, YEAST AND ANIMAL DERIVATIVES

OTHER INGREDIENTS: PURIFIED WATER

MANUFACTURED BY
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Coquitlam, BC, Canada

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LIQUID

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OSSO JR

FORMULA FOR OPTIMIZING GROWTH POTENTIAL



In Canada 49% of infants are born calcium deficient. As optimum calcium homeostasis is crucial for healthy cell multiplications, either lack or disturbance of calcium ion concentration poses a huge risk for developing children. Formulated to children's body weight and needs, Osso Jr implements SAC technology to help kids to grow to their full potential by building stronger frame, to maintain the stronger immune system by maintaining our optimal body pH level which maximizes oxygen delivery and discourages pathogen proliferation.

Many research linked calcium deficiency in childhood to ADHD and autism, and restoring healthy calcium homeostasis using SAC technology offers a fighting chance. Osso Jr improves mental focus of children.

Osso Jr helps kids be more energetic naturally to help them be kids more. Use Osso Jr for healthy kids and use Maragen for treating diseases.

DOCOFDETOX

Functional Medicine Clinic

THANK YOU!

Dr. Darrell Wolfe Direct Phone Numbers

WhatsApp, Facetime, & Local: 250-801-0133

Toll Free North America 855-900-4544 ext.5

THE TRUTH ABOUT CALCIUM

<https://www.youtube.com/watch?v=G2inf36XV4E>