What Is Aging?

There are many factors that contribute to old age. There are two major categories of the causes of aging:

- The Hayflick Limit
- Protein Glycation

The Hayflick Limit

The Hayflick Limit is the discovery that each cell has a limited capacity to divide and replicate, i.e., to perpetuate itself. The Hayflick Limit is the first aspect of aging.

By early adulthood, half of the available divisions have been used. By mid-life, even fewer remain. At that point, aging increases – then death.

Cell senescence is the final step before cell death. Senescent cells are still alive and metabolically active, but they are no longer capable of dividing. Aged and wrinkled skin is an example of senescent cells.

How Aging Happens

As cells approach the Hayflick Limit, they divide less frequently. They become wildly irregular in a state of declining functionality. This is a process that impairs the functioning of molecules, thus, cells. It is a part of the premature aging process.

Protein Glycation

Glycation is the result of covalent bonding of a protein or lipid molecule with a sugar molecule, such as fructose or glucose, without the controlling action of an enzyme. All blood sugars are reducing molecules. Glycation is a process that impairs the functioning of molecules, thus, cells. It is a part of the premature aging process.

Glycation is the uncontrolled reaction of sugars with proteins. It is similar to what happens to sugars when you heat them and they caramelize. Glycation is what happens when excess sugars caramelize the proteins in your body. It’s a major factor in the aging process. Diabetics are particularly susceptible.

The destructive effect of sugar causes the protein to undergo destructive changes as we age. This destruction is a prime factor in wrinkled skin, cataracts, nervous system degeneration and brain dysfunction. Diabetes is accelerated aging. The age-related imbalance of insulin and glucose tolerance leads to numerous problems. Diabetics have 2-3 times the numbers of cross-linked proteins when compared to healthy persons.

The Anti-Aging Discovery

We can reverse premature aging in terms of lifespan. Studies show that L-Carnosine is effective against all forms of protein modification.

L-Carnosine

L-Carnosine is a naturally occurring combination of two amino acids, alanine and histidine.

L-Carnosine is similar to what happens to sugars when you heat them and they caramelize. Glycation is what happens when excess sugars caramelize the proteins in your body. Glycation is the uncontrolled reaction of sugars with proteins. It is similar to what happens to sugars when you heat them and they caramelize.

An exciting discovery of the studies is that L-Carnosine can REVERSE the signs of aging twice as quickly.

Reversing Aging

When scientists transferred senescent cells to a culture medium containing L-Carnosine, those cells often exhibited a rejuvenated appearance and an enhanced dividing capacity. When they transferred the cells back to a carnosine deficient medium, senescence quickly reappeared. It was consistently observed that within days, the L-Carnosine medium restored the youthful cell phenotype, whereas the standard culture medium allowed the senescent cell phenotype to return. Thus, it is important to continue the intake of L-Carnosine.

Increased Cell Life Expectancy

A study showed that mice given L-Carnosine live twice as long as untreated mice. Australian researchers proved that L-Carnosine rejuvenates cells as they approach senescence. Cells cultured with L-Carnosine lived longer and retained their youthful appearance and growth patterns. An exciting discovery of the studies is that L-Carnosine can REVERSE the signs of aging twice as quickly.

Personal Experiences With L-Carnitine

It Really Reves Me Up!

“I heard about L-Carnitine on a national TV show. The first day I took it I had immediate effects. It was like I had taken some speed. I got a lot of stuff done. I took it in the morning and it didn’t let me down until after 1 pm.”

Jane Boorne, TX

Mind Much Clearer

“My neurologist suggested years ago that I try L-Carnitine for energy and a clearer mind. It does almost all that. I’m 71 and still feel about as bright as I did 10 years ago.”

Janice Kolbert, AR

More Endurance - More Energy

“I use L-Carnitine to support my efforts in bodybuilding and triathlons and found that it provides me with endurance energy without feeling wired. I can keep going and going and really enjoy my workouts. It is energy from the cellular level within my body and not a glyceremic spike. I found that my energy level is consistent throughout my workouts and is there when I need it.”

Bill Rodencer, CA

Helps Avoid Alzheimer’s

“Acetyl L-Carnitine is an amino acid (building block for proteins) that is naturally produced in the body and can help the body produce energy. It’s used as a supplement for lots of purposes including Alzheimer’s, late life depression,
thinking problems related to Lyme disease, nerve problems such as neuropathy due to diabetes or pain due to certain drugs. I ordered it for a family member having neuropathy at the suggestion of the doctor due to chemotherapy and she is doing fine.”

Samuel Eston, NY

More Energy - Great For Weight Loss
“L-Carnitine works great for me. It is great for energy and pick up without the sugar and caffeine. It helps me with weight loss.”

Sarah, WY

Better Muscle Tone
“We bought L-Carnitine for my son because the doctor told us that he has low muscle tone. It has worked very well. We have seen quite an improvement on him.”

Sarah Bidwell, MT

Better Mood, Health & Energy
“L-Carnitine is one of the hidden gems that some professionals do not want you to find out about. Great for mood and health and energy.”

Susie Carney, IL

Better Workouts
“L-Carnitine really gives me the energy needed and help me with my workouts. I have run out before and could really tell the difference. I am making sure I never run out again.”

Bordeaux Shivel, NJ

Amazing Difference In Stamina
“First I want to say that I went from benching 185 to 225 after just my first day of using L-Carnitine. A few months later and I am up to 325. I weigh around 200 pounds, and I am 5’10. Without this product, I would not be in the tremendous physical shape that I am in.”

Doren Beatty, GA

No More Muscle Cramps
“I have been successfully using L-Carnitine for muscle cramps and it works exceptionally well.”

Terry Whitaker, OR

Immediate Energy
“Many individuals point out that they are full of energy immediately after using L-Carnitine however, consuming it a night could interfere with sleeping.”

Todd, WA

Burns Fat Quickly
“L-Carnitine definitely increases my energy and helps burn fat off much quicker than when I don’t use it.”

Sally Cruz, NV

Less Fatigue - Better Circulation
“I use L-Carnitine daily, in 3-4 doses between meals. Without a doubt I feel less fatigue and much more prone to exertion. I can also feel that my circulation is better and I feel less cold in my extremities. Where I use to find myself easily winded upon exertion I now seem to recover much faster from physical exertion than I use to and this has been mentioned by other people who have observed this trait in me.”

Victoria Menedez, FL

Less Fatigue
“L-Carnitine has eliminated my long-standing chronic fatigue. It is a great product.”

John, IN

Chronic Fatigue Gone
“L-Carnitine has controlled my sugar with swimming, she takes L-Carnitine daily. It is great to find a natural product to use instead of expensive, dangerous drugs that cause worse problems to develop down the road.”

Fernando Camero, NE

Quick Weight Loss
“I’ve lost 22 pounds in no time. I cleaned up my diet, but had only lost 6 pounds before I started taking L-Carnitine.”

Tawn Berst, ME

Beautiful Skin
“I love L-Carnitine. My skin looks really nice without all those expensive face lotions and creams. L-Carnitine naturally occurs in our bodies but decreases as we age. L-Carnitine acts as a rejuvenator to the body’s cells and works within the cell structure as an anti-aging agent.”

Jean Daisy, GA

Converting Fat Into Energy
“I take L-Carnitine because it helps convert fat into ENERGY! Good for many heart conditions & for better energy. Some say it helps with weight loss too.”

Victoria Menedez, FL

Helps My Dog
“I have been giving L-Carnitine to my dog (under veterinary supervision) for a heart condition. Works great.”

James Budelier, IA

Depression
“Slowly works and helps me feel better. I was in a depression for a long time. Before I started taking L-Carnitine, I was in a bad mood every day. I am now able to function better.”

Sally Thomas, OK

Great Energy - Control My Sugar
“L-Carnitine gives me good, even energy without the caffeine or sugar highs and lows all day. I highly recommend it to everyone.”

Chico Toponga, FL

Cured My Fatigue
“L-Carnitine is the only thing I have come across that has done anything to help with my fatigue.”

Dan Stigler, PA

Type-2 Diabetes - Edema - High Blood Pressure
“My mother has type 2 diabetes, idiopathic edema, high blood pressure and breast cancer. The L-Carnitine helps to metabolize the long chain fatty acids and gives her energy and helps keep her weight down.”

Betty Davis, RI

Helps Dog’s Heart
“I have been giving L-Carnitine to my dog (under veterinary supervision) for a heart condition. Works great.”

Lisa Anderson, TX

Helps My Dog
“I have been giving L-Carnitine to my dog (under veterinary supervision) for a heart condition. Works great.”

James Budelier, IA

Reduces Fat On Legs
“L-Carnitine is a great product. I could see a difference within a few days. Also, the fat on my legs started smooth-
ing out very quickly and is still improving.”

Gorgeou Skin
“I’ve been taking L-Carnosine for just a short time and I have already lost 4 pounds and my skin is gorgeous.”

Memory Much Improved
“My husband and I both take L-Carnosine. We notice the cognitive improvement. Our memory is a lot sharper now than ever before.”

Looks Younger & Healthier
“I take L-Carnosine. The effects are very clear and noticeable. I look younger, healthier, and I feel better too. It’s absolutely amazing. I keep getting comments from people telling me I look good. But that’s not all, the skin is only our largest and most visible organ, but the cells in our other organs are getting rejuvenated too. I think I will take this for the rest of my life!”

Feel Better and Losing Weight
“I have been taking L-Carnosine and I can definitely feel the difference. I work straight and usually feel tired all the time. Now I have more energy and am more alert and I have been losing weight. This is an awesome product my family and I will continue to use it. I highly recommend L-Carnosine.”

Better Metabolism
“L-Carnosine has increased my metabolism. It does seem to make fine wrinkles disappear from my face so I will continue taking it.”

Less Wrinkles, Better Skin
“Take L-Carnosine for better skin, including less wrinkles. My mother also loves L-Carnosine. She says it saves her hundreds of dollars by not having to buy a lot of expensive skin-care products.”

Better Bowel Movements
“I love L-Carnosine. My bowel movements are more regular now, so I feel lighter. It is a bit pricey, but I guess I get what I pay for.”

Improved Skin, Smoother Face
“I’ve been taking L-Carnosine for about two weeks. I have noticed improvement of my facial skin. My pores are smaller and newer skin grows more quickly, making my overall face look smoother.”

Loads Of Energy
“I love the DMAE! It is great!”

Turns Gray Hair Black
“I used to take the DMAE all the time. I had been off of it for about a year and I could see the gray hair starting to come back in. This stuff is great I need to get some more and get back on track.”

Much More Energy
“I started taking DMAE almost 5 years ago. Over the years I have noticed that when I don’t take it I don’t have near the energy. Both my husband and I are using it and we feel better all over.”

Feeling Synchronized
“I have had heart trouble for over 12 years. I have been taking DMAE and I finally feel synchronized.”

90 Years Young
“I have been taking DMAE for years. I used to buy GH3 from Europe, but now it is not available. I am now fortunate to get DMAE from you. I would not be without it, I am going on 90 years old. Thank you.”

95 Years Young
“DMAE really works! I’m 95 years old and still working in my garden!”

75 Years Young
“The DMAE is a great product! I couldn’t imagine being without it! It really is wonderful!”

78 Years Young
“I love your DMAE. I feel like I am 50 since taking it.”

Continued on page 4
Safety
L-Carnosine has been proven safe in daily amounts as high as 100 grams. Basically, since it isn’t a drug, one can expect only benefits.

Importance
Once you understand that the role L-Carnosine plays in preventing premature aging, once you understand the role it plays in extending life, you must come to the conclusion that supplementing with L-Carnosine may represent one of the single best things you can do to help prevent premature aging.

DMAE
When considering formulating an anti-aging product, DMAE (dimethylaminoethanol), is the perfect companion to L-Carnosine because it complements the anti-aging properties of L-Carnosine in many ways.

What Is DMAE?
DMAE is (dimethylaminoethanol), is a naturally-occurring nutrient that enhances acetylcholine (ACh) synthesis. Adequate Levels of ACh are important for proper memory function. DMAE has been shown to remarkably enhance brain function. The brain contains small amounts of DMAE.

DMAE Reinforces L-Carnosine
DMAE assists in the flushing of lipofuscin from your body. L-Carnosine quickly binds with the aldehydes, preventing them from damaging the proteins. The byproduct of this reaction is lipofuscin. Similar to L-Carnosine, DMAE has been shown to inhibit and reverse the cross-linking of proteins and extend lifespan but, unlike L-Carnosine, DMAE assists to flush lipofuscin.

Cured Fatigue, Palpitations, Headaches and ED
I suffered a heart attack at 44. I have been plagued with chronic fatigue, heart palpitations and headaches. I started taking Glutathione which ended my palpitations, fatigue and my headaches. I had always been very nervous. I soon noticed that my internal stress level and decreased. I sleep better, my mental focus is better and my ED is noticeably improved. To say that I am totally impressed with Glutathione is an understatement.

Dr. Ana Aslan
Romanian scientist, Dr. Ana Aslan, achieved using a formula that she called GH3, or procaine. GH3 breaks down in the body to form DMAE and PABA. Therefore, DMAE is the key active component in Dr. Aslan’s anti-aging formula.

Acetyl-L-Carnitine
Acetyl-L-Carnitine (ALC) is another key complement to both L-Carnosine and DMAE. Your liver does synthesize L-Carnitine but it requires outside sources such as meat to fulfill the body’s requirements. This presents a problem for vegetarians. L-Carnitine performs key functions in the body. It can improve the immune system by enhancing the ability of macrophages to function as phagocytes. It can improve muscle tissue function. It has been shown to increase running speed when given prior to exercise. It plays a major factor in cellular energy production by ferrying fatty acids from the main cell body into the energy producing mitochondria. This allows fats to be oxidized for energy. Without L-Carnitine, fatty acids cannot easily enter the mitochondria.

Acetyl-L-Carnitine is a specialized form of L-Carnitine that is deficient even in meat eaters. It performs virtually all of the same functions as L-Carnitine – but better. Acetyl-Coenzyme provides acetyl groups from which Acetyl-Coenzyme can be regenerated. Acetyl-L-Carnitine is water soluble, which enables it to diffuse easily across the inner wall of the mitochondria and to easily cross the cell membrane. Acetyl-L-Carnitine reaches parts of the body where L-Carnitine cannot go. Acetyl-L-Carnitine crosses the blood-brain barrier, where it provides neurological functions.

Personal Experiences With Glutathione

Impressed Healthcare Professional
I’ve worked clinically with nutritional supplements for many years. I have been personally using Glutathione and with patients for over 20 years. The results are impressive. ❤ ❤ ❤ Dr. Joyce Baldwin, PA, Washington State

Multiple Sclerosis
“When I was diagnosed with Multiple Sclerosis, it was devastating. There is supposedly no known cure. The pain and spasms can be unbearable. The mental and physical fatigue and poor balance really take their toll. A few weeks after starting Glutathione I felt better than I had in years. Less pain, less fatigue, more energy, less spasms! The amount of improvement has been amazing for my husband and I.” ❤ ❤ ❤ Linda Moore, SC