



REGENERATIVE MEDICINE

### 21STCENTURY HEALTH CARE

MSC INFUSED HYDRATION THERAPY

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### ACCORDING TO THE NATIONAL LIBRARY IN MEDICINE:

"Regenerative medicine, the most recent and emerging branch of medical science, deals with functional restoration of tissues or organs for the patient suffering from severe injuries or chronic disease. The indefinite self-renewal and potential to differentiate into other types of cells represent frontiers of regenerative medicine."

## RESEARCH SHOWS THAT PEOPLE WHO MIGHT BENEFIT FROM REGENERATIVE MEDICINE INCLUDE

LONG-HAUL COVID SYNDROME
MULTIPLE SCLEROSIS
PARKINSON'S DISEASE
ALZHEIMER'S DISEASE
HEART DISEASE
ULCERTATIVE COLITIS
CROHN'S DISEASE
IMMUNE DISORDERS
BLOOD CANCERS
OSTEOARTHRITIS
POST-SURGICAL
DIABETES

#### WHAT IS REGENERATIVE MEDICINE?

Mesenchymal cells, or MSC, are specialized cells used to achieve symptom management, or stabilization of a condition that may not respond to traditional treatments otherwise.

These progenitor cells can produce an indefinite number of "daughter cells". Those cells differentiate and migrate in response to the body's specific needs.

While adapting to function as muscle cells, brain cells, blood cells, or bone cells, these intrinsic cells can self-renew and divide to empower the body to heal or repair itself.

Although still considered largely experimental, worldwide studies show that advanced cell therapies can help patients to greatly improve energy, stamina, muscle strength, tone, inflammation, and arthritic joint pain.

These biologically-charged cells are proven to mitigate chronic symptoms for patients who suffer from chronic or debilitating conditions.

We combine treatment with an appropriate dose of nutrients including vitamins, minerals, proteins, and amino acids, to further assist these cells to circulate throughout the bloodstream.

Key nutrients also help your body to achieve an optimal state of health and wellness.

At Innovative Medical Associates
we believe the body is put together in such a way that
everything is biochemical and molecular in nature. The
billions of cells within our body continually strive to
make their way back to homeostasis, the body's optimal
state of equilibrium. If we want to effectuate change, we
must think about what is going on concerning the
journey of the cells. So, re-regulating the body will take
time because each cell must make a journey, or
complete a cycle, to reach its optimal result. And then,
other cells replicate those results. This is always
paramount in my mind when treating patients.

When working with blood, we always need to look at everything in this way. If a patient's conditions have been debilitating or chronic, then six months to allow those cells the time they need to complete this journey does not seem like too much to expect if we want to see significant improvement. We want to be holistic in my approach, but we also need to think myopically so we can create a more immediate positive change for the patient. When patients see and feel initial results, they are better inclined to follow through with their treatment plan to achieve desired health goals. Continued hydration may sometimes lead to changes within weeks, but significant, longer-term results will take time. We are not changing just one thing; we are changing patterns of many things.

# "DR. MOLLY WAS THE FIRST AND ONLY DOCTOR TO GIVE ME HOPE."

Andy was in his late twenties, enjoying a flourishing career as a personal trainer for a large athletic company. He was one of the most successful top-performing trainers on the East Coast. But one day, Andy suffered an injury at his workplace. He lifted some weights and as he puts it, "something just snapped". He had trouble standing and walking. Andy was in constant pain.

After submitting a workman's compensation insurance claim, Andy was permitted to see only one doctor. He felt the insurance adjusters were not interested in helping his symptoms due to cost, which made the process extremely frustrating. Surgical outcomes were not deemed ideal for his injury, so the doctor prescribed only pain medications for relief. Andy did not get any real help or treatment for the chronic pain, which got significantly worse over time.

The doctor told Andy there was nothing else they could do for him and recommended he be "released from care". This was an option to end his workmen's compensation coverage unless he wanted to file for permanent disability instead. Andy was still in pain but assumed he would return to work after being released from care. Instead, Andy received an email from his employer stating he was "let go". This rising star in the fitness world was left with no job, no unemployment benefits, no insurance, no doctor, and lots of pain. He was in agony and in despair for years, even seeking help for suicidal ideations at one point.

Andy's fiancé is a healthcare company representative. She relayed her concerns about Andy's condition to me, and I shared my initial thoughts and ideas with her. She immediately referred him to our clinic. Andy was skeptical about hydration therapy but did some research and checked in with his mother, a registered nurse. She agreed with our innovative approach. At this point, I was the only medical professional to give Andy hope that his pain would not last forever.

Our treatment plan would include regenerative medicine. We could introduce exosomes, small vesicles of proteins that contain growth factors.

These proteins work to repair, replace, or rejuvenate damaged or dysfunctional cells. The goal of regenerative medicine is to create good inflammation that the body needs to heal its injuries. Corticosteroids offer this type of relief temporarily but do not yield long-term results. The bigger goal was to assist Andy's body to repair its own tissue.

Regenerative science is touted as the 21st century medical breakthrough in treating disease but is still considered largely experimental. This medical treatment can potentially spur your body's natural ability to heal itself. There are a lot of integrative clinics that proclaim many amazing things regenerative medicine can do for patients, and I believe all of it. But I strongly believe that we can make these proteins more effective in their goal. They are the seeds we plant, but we must also water and feed them. Nutrition, particularly when delivered intravenously, doesthat and much more.

This type of medicine is not a one and done deal. The first several IV treatments supplied Andy's body with nutrients that would act as exosome activators. They would give those proteins what they need to do their job more efficiently. We also included amino acids to enhance communication between the cells and interleukins, another type of protein, to strengthen his immune system. After that, we continued to "feed and water" the exosomes with the most appropriate nutrition throughout treatment.

Andy: "It's the only marked improvement since my injury, and I can't think of any higher praise."

Chronic pain is often debilitating. It can drive people out of their minds. Much like Andy's case, pain medications and conventional treatments can only go so far to mask the symptoms.

After only six months of treatment, I am happy to say that Andy achieved a 50% reduction in pain. He has since significantly lessened his reliance on pain medications and continues physical therapy in hopes of returning to the work he loves soon. After several years in agony, Andy can now sit, stand, and walk without pain. Andy is enjoying a quality of life again.

Innovative Medical Associates is a cooperative of like-minded healthcare providers working together within a medically licensed establishment. We can do anything that a primary care physician practice can do such as performing medical evaluations as well as prescribing therapies, medications, tests, and labs. The cooperative then works together as a team to create a unique comprehensive care plan for every patient. I specialize in the use of nutraceuticals, medicinally beneficial natural substances, which I refer to as "God's Ingredients." These vitamins, minerals, and other nutrients can greatly improve upon the traditional care that we or other health practitioners may provide for our patients.

Nutraceuticals are delivered via hydration therapy, which is considered the most precise and ideal delivery method to produce a desired outcome.

This simply means using intravenous therapy to effectively hydrate the body with nutrients.

Taking nutrients orally can greatly reduce their efficacy since the body may not extract enough of the benefits that the cells need. Nutrients delivered directly to the bloodstream can better work to improve, alter, or prevent chronic symptoms, genetic dispositions, or root causes of disease.

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"Quality of life" is a very subjective term.

To me, it means we feel like we are living our lives and not just surviving another day.

If someone can no longer do what they used to enjoy, they may begin to feel rather defeated. They may not all be able to do what they love as vigorously as they once did years ago, but it does not mean they should fail to enjoy a quality of life they have come to expect on a physical, mental, emotional, or spiritual level.

How well my patients have an ability to live a quality daily life is the evidence-based medicine I rely upon in my practice.

Dr. Molly Fantasia

Schedule your in-office FREE CONSULTATION

Find out if Regenerative Medicine is right for YOU!

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