



INTEGRATIVE LYME DISEASE PROGRAM

STROMAL VASCULAR FRACTION



THE INFUSIO APPROACH TO HEALING

My Infusio concept addresses the physical, mental, emotional and spiritual components of health.

Our body is a complex set of systems which rely on one another to ensure good health. When these areas are not in balance or are in direct conflict with each other, it's more difficult for healing to occur.

Stress, unhealthy diet and life style choices can block healing responses in the body and make regaining health more difficult to occur.

My Infusio concept uses the most comprehensive and effective treatment protocols to help you find the right balance in your physical health, thoughts, feelings and behaviors.

My goal is to help you achieve the necessary lifestyle changes to support your healing journey. This is not only achieved by the unique healing environment created by Infusio but also by intravenous treatments, bodywork, individual counseling and educational classes.

BEFORE YOU START

Before committing to my Lyme Program, It's probably best that you know what you are getting yourself in to. It is an investment in your most precious possession - Your Health. This is something I take very seriously.

As I personally am more of a friend of open and frank communication, I though I would dispense with the perfectly formulated marketing texts and write this brochure in a very personal style. That way, you can get to know who I am and you can get to feel the style of Infusio.

Philip Battiade. The designer and founder of the Infusio concept, has been practicing integrative medicine for over 18 years in Europe. During this time he has specialized in biological cancer therapy and the treatment of chronic, degenerative diseases. His guiding principle is "innovation through integration". The Infusio treatment concept reflects his unique approach to healing. This holistic therapy concept incorporates the newest developments in cutting edge traditional and natural treatments.

INTEGRATIVE LYME PROGRAM

One of the first questions I am often asked is 'Do you treat Lyme?' My answer to that is a simple. No! The treatment for borrelia burgdorferi has already been invented. It is called Doxycycline. Strangely, many Lyme patients don't seem to feel better after a hearty course of Doxy. The second question is 'So what do you treat then?' My answer: 'I treat people who have been bitten by a tick and who's life has been turned upside down.' So yes!, for the sake of simplicity, I have called this program The Integrative Lyme Program, but if you have come to me to have your bugs zapped, you may want to look elsewhere.

THE MYSTERY DISEASE

After seeing so many patients with Lyme disease, I often become disheartened at the futility of their search for a true diagnosis and the perfect treatment. So many patients strive to find out exactly what bacteria, what virus, what parasites and what heavy metals are causing their malady. Many others triumphantly present me with a 4-inch thick stack of lab results and tell me all the bugs and parasites they have in their system and what treatments they have been doing for what bug for the last three years. When I ask if they are feeling better, the answers is often a disappointing 'not really'. So what are we doing wrong?

THE TICK'S BITE

In my opinion, I feel it is impossible to tell exactly which viruses, bacteria, parasite and other microbes are causing a Lyme patient's symptoms. In fact, I am slowly beginning to wander if we should even be calling it Lyme disease! Maybe Tick Borne Illness would be a better description.

Consider this: When a tick bites someone, it does not only carry the famous 5 - Borrelia, Ehrlichia, Babesia, Bartonella and Mycoplasmas. (Things we readily test for and seem to base our failure or success of treatment in eradicating these bugs.) That tick has a whole array of microorganisms in its charge; hundreds of bacteria, viruses and maybe fungi and scores of parasites. The bite of that individual tick is like a fingerprint. It is unique in it's self and it passes on it's own unique set of microbes. I feel that this is one of the reasons for the very individual manifestation of Lyme disease in patients and the regional similarity in symptoms.

THE LYME AUGMENTATION

Another premise of mine is that Lyme does not really have a well defined set of symptoms. Just get 10 Lyme patients together in the same room and try and guess what common diagnosis they have. It's almost impossible! The CDC provides us with a good range of symptoms that the Borrelia bug can cause. But what about the other weird stuff that happens. Well, this is where my premise comes to light.

Why do some people have mainly brain fog, others digestive issues? Still others complain of joint or muscle pain? Others have terrible food intolerances.

My premise is that Tick Borne Illness can act like a magnifying glass amplifying things, which are already wrong and exaggeration and weak spot in your body. I like to call this the Lyme Augmentation.



THE PERFECT STORM

Why do some people get sick after a tick bite and others not? My theory is that you need the perfect storm. What is that? I think you need a tick bite, a compromised immune system and an unhealthy cellular terrain. When these three things come together, whatever the tick injects into your system can move in and make it's self right at home. In time, the microbial load can overwhelm the immune system and body metabolism.

Now all of these bugs have to eat and all of them are excreting some kind of waste. In my theory, the metabolic waste from the microbes starts to damage cell functions. Some cells suffer damage to their internal metabolism and cell-to-cell communication is disrupted. The damaged cells that are not killed by the microbial attack then multiply and pass on their damage to the next generation.

After a while the cell damage passed on from on generation of cells to the next becomes overwhelming and prohibits normal body function and cell communication. At this point, it is hard to find a targeted therapy that works, simply because the communication between the cells is damaged and the body can no longer regulate as it should. The result: hormone imbalance, neurotransmitter imbalance, numerous intolerances and over and under reaction to intervention i.e. the patient, who no matter what they try, simply does not get better and just the simple basics of eating and drinking have turned into an unsolvable riddle.

A FOUNDATIONAL APPROACH TO TREATMENT

Due to the multiply complexities of this situation, I find it important to approach successful treatment of tick borne disease from a different angle. How about, we don't worry too much about what bugs are causing what symptoms and focus on restoring foundational functions of our anatomy. All of which are designed to protect us from a microbial take over.

Using the 5 Steps to Health as well as the principles of cell therapy, I have designed a therapy approach to target the foundational issues of tick borne disease.

My program focuses on the following foundational principles:

Reestablish healthy immune response.

Optimize the cellular terrain.

Lower the overall microbial load.

Repair cell-to-cell signaling.

Repair damage to organs, nerves and other cell structures.

Reverse cumulative damage caused by genetic mutations.

None of these principles directly address a specific microbe, but all in all they change the environment within the body, to make regaining health more achievable.

FOUNDATIONAL PRINCIPLES

REESTABLISH HEALTHY IMMUNE RESPONSE

If your immune system starts working in a coordinated way, it is really designed to rid us of bugs. Every breath we take is filled with microbes, but thanks to our immune system we normally stay healthy.

OPTIMIZE THE CELLULAR TERRAIN

Life style, stress, bad diet, and microbes can all change the way our cells function and deprive them of the nutrients they need to repair themselves. By helping the cells work the way they should it makes it very difficult for microbes to take over and damage them.

LOWER THE MICROBIAL LOAD

Lowering the overall load can only be good. Targeting single bugs may not really have the major impact we are looking for. By stimulating the cell's own antimicrobial functions and giving known, natural antimicrobials, we can take a load off of the immune system.

REPAIR CELL-TO-CELL SIGNALLING

Once the bug load has messed up the way our cells talk to one another chaos rules in our bodies. Hormones go up and down, as do neurotransmitters and other substances. Cell therapy has a systemic effect to reset and re-regulate the cell signaling.

REPAIR DAMAGE TO ORGANS, NERVES AND CELLS

Cell therapy, especially with stem cells, has the ability to repair and restore. Stem cells can replace tissue that has been damaged and repair organ structures.

REVERSE DAMAGE CAUSED BY GENETIC MUTATIONS

We can't fix bad genes, but we can help repair the cumulative damage. Often, genetic mutation impairs a certain function within the cell e.g. the ability to detox. In time, the accumulation of toxins causes damage. Reversing the accumulative damage, does not correct the genetic dysfunction but it can alleviate the symptoms and reset the situation.

IT'S A MIND GAME

Another aspect important to achieving optimal health is working out the mind. Most Lyme patients are tired of doctors talking about their mind and emotions. All too often have they been forced to listen to well meaning friends and unqualified doctors tell them that their symptoms are in their mind. "Just shape up, find a hobby and you'll be fine"

While I do not believe that most of the symptoms a Lyme patient is experiencing is 'in their mind', I do think the mind plays a very large role. First of all, we notice how badly Lymies do when they are stressed. Their health takes a nosedive and their symptoms soar. No wonder things look deceptively psychosomatic. Where I think the mind plays the biggest role is in assisting or preventing recovery.

SURVIVAL VERSES RECOVERY

Unfortunately, the seasoned Lyme patient has had to learn to manage themselves, manage their lives, manage their appointments, manage their meds, manage their diet, manage their strength and worst of all: manage their treatment and doctors. They have turned themselves into Google PhD's and are knowledgeable on all levels of what they need and what they want. This is the perfect survival technique. Unfortunately, this is not the best recovery technique and the transition from survival to recovery can be a rocky path of distrust and disappointment.

I cannot count the amount of patients who come into my practice with their list of requests. "Today I'd like a glutathione shot, maybe followed by some aminos and a Myer's cocktail. I am feeling headachy today, so my Babesia are obviously high and active in my brain, so if I could get some aural ozone that would really help. I passed a rope worm yesterday, and I can feel the parasites moving around inside my intestines, so if we could also do a coffee enema and maybe some rectal ozone..." The list goes on.

Yes, the perfect management strategy and it works every time so who's going to argue with that. Well, I am! And here's why:

ADDRESS THE CAUSE AND LESS THE EFFECT

Just imagine someone came to you and said "Every time I eat Chinese food I feel really bloated, I get a headache, diarrhea and a nasty rash on my neck. But I know what to do. Whenever I have Chinese food, I just take some Benadryl when the rash occurs, do a coffee enema followed by some Imodium. Works every time!"

Would you question their strategy? Of course if that person was forced to work in a Chinese restaurant and that was the only food available to eat, this may be the perfect and only survival strategy. But, in a real world, I think any friend or doctor would be more inclined to suggest simply not eating Chinese food so as to avoid having to trigger the survival plan.

In a similar way, my approach is not about finding the perfect management strategy for a set of symptoms. I want to address the foundational causes of the symptoms. This is the shift from a survival strategy to a recovery strategy.

Unfortunately, it is not always met with open arms. First, panic ensues, followed by disbelief and rage. Then, to make things worst, after having taken the leap of faith to trust me that one time, you don't immediately feel better. This can be the most challenging part of the Infusio Concept.

Changing the strategy can be challenging for both you and my team. I wish I had a cookie cutter solution to fit all cases. I wish I had a magic wand to wave and make things better now. The reality of the matter is that I have neither. So what remains is for us to work closely together to develop a relationship based on trust and confidence and despite inevitable set-backs to keep moving forward towards recovery.

NOT FOR EVERYONE

So, in conclusion, I have to say that my treatment concept is not for everyone. Along with my international Infusio team, I have spent years refining and optimizing this program. Each day of the treatment program is conceived to complement the next and is designed to be administered as a whole. It is not an à la carte menu to be ordered as desired, but more of a chef's menu with adaptations to meet your dietary restrictions. The structure of the therapy is key to its success.

THE STRUCTURE

Just to complicate matters, while it has an underlying structure and strategy behind the therapy, it does not offer a totally pre-defined treatment plan in advance. If you want a list of your daily infusions before you even start, it is most probably not going to appear, because we adapt the solution based on the healing phase of your body. Of course, when we plan your personal therapy, we do have a pretty good idea of what treatments you will receive and my practitioners all have a skeleton protocol to work from with the first two or three days been relatively set, but there is a lot of room for individualization. Usually this happens during the course of the protocol.

In this brochure, I do describe which IV treatments we will be using. Usually, the first day of treatment is designed to reduce the inflammatory state in the body and to boost stem cell mobilization. It will typically consist of an assessment, regional laser stem cell stimulation, ten pass ozone treatment, a vitamin IV and thymus therapy. The second day addresses the state of the cellular terrain. It will consist of anti-microbial IVs, calcium EDTA, glutathione, amino acids artesunate and thymus therapy. The next day focuses more on detox. And so the protocol continues.

So, while it is not possible to give you a schedule of every day's IVs in advance, we will be able to let you know what IVs are planned for the next day and how these should benefit you.

BUGS, METALS AND TOXINS

Do I take into consideration the levels of Babesia and Ehrlichia as well as the mercury and arsenic? No I don't. Quite frankly, I am unsure if the right side headache you are experiencing today is caused by Ehrlichia and the sweating and knee pain are a sign of Babesia. These details are certainly of academic interest, but my concept targets foundational issues more than their effect. Rather than chase each individual bug, heavy metal and toxins, I prefer to optimize the detox pathways of the body and create a cellular terrain which is not conducive to bug replication.

ARS MEDICINAE

Ars Medicinæ means the art of medicine. Sir William Osler, one of the four founders of the Johns Hopkins Hospital once said "The practice of medicine is an art based on science." If medicine were an exact science there would be no such thing as a bad doctor or an ineffective therapy. My Infusio concept is based on this premise. We have researched the science and based on that knowledge we are striving to perfect an art. Rather than to huddle behind our canvas and surprise you with the finished product, we do our best to describe what we are doing every step of the way. The Infusio practitioners are happy to explain the mode of action of the infusions they are giving and explain why they are important at that time. We do our best to answer any questions and really try to put you at ease and keep you in the know.

I certainly do not claim to have found the universal solution for Lyme patients, but I am confident that, as a team, Infusio can offer an effective and lasting solution for large amount of the patients.

" The practice of medicine is an art, not a trade; a calling, not a business; a calling in which your heart will be exercised equally with your head.

The practice of medicine is an art, based on science. "

- Sir William Osler

CELL THERAPY

Correcting a Common Misconception

Cell therapy is the most modern form of regenerative medicine. It is described as the use of tissues, cells and cell extracts which have the ability to repair, replace or restore biological structures and functions that may be lacking due to aging, disease or destruction.

We often think of stem cells as cells, which like to change into, and replace other damaged cells. While that may be true to a certain level, stem cells do much more than that. Their main effect is to regulate body functions and then replace what needs to be repaired. To illustrate this, we can look at studies performed with patients requiring knee and hip replacements. These patients receive stem cells injected directly into their joints. Interestingly, a number of these patients reported improvement in their cognition, improvement of their thyroid function, weight loss etc.. These effects demonstrate the systemic effect stem cells have, even if applied locally.

Other clinical trials indicate that stem cells work best when mixed with other supportive cells and growth factors.

STROMAL VASCULAR FRACTION

Instead of using pure stem cells, our Integrative Cell Therapy Program utilizes Stromal Vascular Fraction (SVF). This is an extract, derived from fat tissue, which contains stem cells as well as a whole array of other important cells, exosomes and growth factors.

Stromal vascular fraction is a very complex substance. In fact, science has not yet identified all components found in SVF. What we do know is that the growth factors contained in SVF can turn off an inflammatory response. They can also cause cells to multiply and they can call in specialized cells to perform specific functions.

Studies indicate that stromal vascular fraction does much more than simply repair. Its application triggers a systemic response, activating the body's ability to regulate cell function and promote healing. Stromal vascular fraction and its use in cell therapy is very well researched and is safe to use.

THE PROCEDURE

To prepare stromal vascular fraction a small amount of body fat must be removed by a mini liposuction procedure. This is simply performed under local anesthetic. The fat is then processed, incubated and spun to remove the unwanted elements, such as the oil and to release the SVF. This procedure is minimally invasive, and does not require general anesthesia, therefore recovery typically takes less than 48 hours.

ONE

During the first step of the procedure, fat tissue is gently harvested with a liposuction device. Discomfort is minimal and only local numbing is needed.

TWO

Next, in a unique process, the harvested tissue is broken down and the oil removed. This leaves a concentrate containing stem cells, growth factors and other important cell structures and compounds.

THREE

During the third step, stromal vascular fraction is given into the blood stream as an IV infusion. The SVF can also release anti-inflammatory substances to aid in healing and release growth factors to enhance healing.



5 STEPS TO HEALTH®

Our Treatment Concept

The Infusio concept focuses on the importance of a balanced approach to treating any kind of disease. It is an integrative concept that includes a wide variety of medical and traditional treatments. Many of our natural and biological therapies have their roots in Europe where they have been practiced for many decades. Our Integrative Cell Therapy program uses many traditional modalities such as high dose vitamin C, homeopathy and intravenous ozone therapy in combination with cutting edge medical procedures such as autologous cell therapy. All this provides our patients with a comprehensive 360 degree approach to their individual health condition. The autologous procedure is enhanced by supportive IV therapies, immune modulation with thymus extracts and a gentle detoxification program. These modules are utilized to prepare the body and to ensure the optimal conditions for the cell therapy.

Our integrative 5-Steps to Health concept includes:

IMMUNE MODULATION

Immune modulation involves bringing the ratio of the different immune cells back into balance to enable the immune system to function correctly. This is very different from simply stimulating the immune system. Restoring healthy immune functions is a foundational treatment for those with chronic degenerative diseases.

DETOXIFICATION

Detoxification involves removal of harmful substances and optimizing the detox pathways of the body. A detox regimen is an integral part of helping the body rid itself of toxins and improve metabolic function. A dental assessment may be recommended to eliminate additional sources of toxins.

SUBSTITUTION

Mineral depletion and lack of vital substances can throw our system into disarray and make us more vulnerable to disease. By applying orthomolecular medicine we use vitamins, minerals, amino acids, and trace elements to promote health and healing in the body. This can have an immediate impact on the immune system and metabolism

DISEASE SPECIFIC TREATMENT

These are conventional and non-conventional methods, which directly attack a disease. A balanced approach to therapies is the key. Autologous cell therapy is a cutting edge medical treatment which we see fit to be integrated as a disease specific therapy in our natural approach to treat chronic degenerative diseases.

MIND-BODY MEDICINE

Patients are professionally guided to recognize patterns in their life that may have made them susceptible to diseases. Through forms of bodywork, the body's own perception and inner balance is increased, internal stress is released and the self-healing powers of the body are stimulated

THE CELL THERAPY PROCEDURE

What to Expect

Philip Battiade explains...

I am often asked what someone can expect to experience during and after cell therapy. This is not a very simple question to answer as everyone can react differently.

First of all, the initial mini liposuction for the cell harvest is relatively painless. It is performed under local anesthetic in a procedure room. It all looks a bit daunting, much like having surgery, but the procedure is minimal. The clean and sterile environment is necessary to avoid and damage to the cells and to protect you and your cells from the risk of infection. The nice thing is that rather than being put to sleep, you get to chat with the doctor or listen to music during the procedure.

Once the fat has been extracted it is immediately processed. It is spun down, concentrated, enzymes are added, the cells are incubated then washed and filtered until the stromal vascular fraction is produced. This process takes about 90 minutes.

In order to optimize the effect of the cell therapy, I like to have my patients undergo 10 days of supportive therapies - either before or around their cell therapy. During those ten days you will receive IV therapies along with immune modulation and many other treatments. This optimizes the body for the actual application and helps the cells be more effective.

The application of the cell therapy is very simple and practically painless. The stem cells are simply injected by IV into the blood where they can spread out in the body. They can also be applied to a specific area. We also use the newest developments in laser technologies to boost the cell multiplication.

After application of the cells you will be monitored for a few hours. As we are utilizing stem cells from your own body there is no risk of an allergic reaction or of the body rejecting the cells.

Now, the real magic can begin.

10-DAY TREATMENT

During the ten day treatment, most of my patients do very well. It is not unusual for my patients to feel a little tired or even quite exhausted for the first few days. The IV regimen is quite intensive and lasts approximately four hours each day. I rarely see any negative reactions to the IVs themselves but by the time Friday comes, most are ready for a break from the daily treatment routine.

The second week is often accompanied by what I like to call an emotional detox. In this phase, it seems that emotional issues and stress seem to be more prominent. Our Infusio team is there to support you and care for your needs.

The cell implant is typically given on the second-to-last day of treatment. This is the actual start of the cell therapy. The administration of the SVF is extremely simple. A short IV. Nothing more.

AFTER CELL THERAPY

You may wonder how will you feel during that time. I have observed two different groups of patients. The first group feel quite well when they leave my clinic and continue to feel better each day. The second group seems to go through a period of ups and downs, feeling good for a few days and then crashing. This can last for a few months until they stabilize and start to feel the benefit of the cell therapy.

GOT MY CELLS - WHAT NOW?

The first one hundred days after therapy are critical for the development. It is important not to do anything that would interfere with the reorganization now happening in your body. My research team has compiled a list of medication which may interfere with the cell development. These include some antibiotics, steroids, and immune suppressants. Our staff will talk to you about this during your discharge consultation. Of course, if you need medication, you should get the medical care you need and you should not delay in doing so. I would be very happy for you to contact my team if you have question about any medication you may need to take.

You may find you benefit from some supportive natural therapies. These may include treatments such as massage therapy, lymphatic drainage and infrared sauna. Also vitamin IVs, glutathione, and other therapies may help you manage any symptoms during the one hundred day development period. My advice is to limit any treatments to short term, symptomatic control rather than starting a whole new course of therapies. Remember, your body is recalibrating after cell therapy and it needs time to do this.

INTEGRATIVE LYME PROGRAM

The Integrative Lyme Program lasts 10 treatment days. These are spread over a 2-week period, with the weekends off. As the treatment protocol is very intense, the 2 rest days during the therapy are an integrative part of the planning.

There are a specific number of diagnostics, therapies and treatments included in this program. However, there may be modifications to the type of therapy, number of treatments and their duration. This may depend upon your individual health assessment as indicated by your medical team. If additional tests, treatments or services are needed, they will be ordered only upon your approval.

The program is sold as a package. Additional spa treatments and services may be purchased upon availability.

There are a specific number of diagnostics, therapies and treatments included in this program. However, there may be modifications to the type of therapy, number of treatments and their duration. This may depend upon your individual health assessment as indicated by your medical team. If additional tests, treatments or services are needed, they will be ordered only upon your approval.

The program is sold as a package. Additional spa treatments and services may be purchased upon availability.

Additional treatments may be added to your therapy. These treatments are not part of the program and will be at an additional cost, quoted prior to the application of the treatment.

INTRAVENOUS THERAPIES

Integrative Cell Therapy

The integrative Cell Therapy Program consists of a number of different IV infusions and other therapies. These are designed in the content and order to have a synergistic effect.

Please note: Due to local laws and restrictions, not all therapies will be available at all Infusio locations

MYERS' COCKTAIL

High intravenous doses of vitamins, minerals and acids show a pharmaceutical effect and are traditionally used to reduce tumor size, minimise the spread of cancer and improve the quality of life. These substances also provide the body with vital nutrients. The Myers' Cocktail is a therapeutic concept that was originally developed by the physician John Myers of Baltimore, Maryland. Myers' theory was by bypassing the digestive system through the intravenous administration of micronutrients, the blood levels of these substances could be greatly increased. In this way, the nutrients would be forced into the cells.

DIOXYCHLOR

Dioxychlor is a natural antimicrobial, which supplies oxygen to the cells. Administered in an infusion it may help eliminate toxins, parasites, bacteria, viruses and yeast.

GLUTATHIONE

Glutathione is a substance produced naturally by the liver. It is also found in fruits, vegetables and meats. Free radicals in our body attack cells, damage DNA and contribute to aging. They are also involved in every disease. While vitamins such as C and E help to neutralize free radicals, glutathione deactivates the most destructive free radicals. Glutathione helps to recycle coenzyme Q10 - an enzyme found in the energy-producing mitochondria of all cells - back to full strength after it neutralizes free radicals.

CALCIUM EDTA

Calcium EDTA is typically used to remove lead from the blood stream. Also, it is thought to have many benefits in the optimization of cellular functions, helping the cell rid itself of metabolic waste and toxins.

DETOX SUPPORT

In order to optimize the immune response and reduce side effects of treatment, the body needs to be free of heavy metals and toxins. Detox support is thought to accelerate the natural excretion of heavy metals and other toxins stored in the body. We use infusions of magnesium and calcium EDTA as well as other natural remedies.

HIGH-DOSE VITAMIN C

Vitamin C is an essential micronutrient for humans. Although the body is not able to produce this vitamin itself. Vitamin C neutralizes free radicals that can cause great damage to the organism. In certain situations, inflammation, for example, the formation of free radicals is increased to such an extent that the protection systems of the body are overloaded and need urgent help.



IV THERAPIES INCLUDED

- IV Myers' cocktail
- IV Dioxychlor
- IV Glutathione
- IV Calcium EDTA
- IV Chelation
- IV Vitamin C
- IV Immune protocol
- IV Phosphatidyl choline
- IV Neuro-amino-mix
- IV Liver support
- IV Sodium bicarbonate
- IV Ozone therapy



PROCAINE/BICARBONATE INFUSION

The multiple effects of the neurotherapeutic agent procaine are strengthened and extended when combined with the base sodium bicarbonate. The infusion causes a reduction in pain, improvement of the general condition and neutralization of excess acidity. Additionally, inflammatory and compensatory (systemic regulation) effects are observed.

IMMUNE PROTOCOL

This proprietary mix of vitamins, minerals, glutathione, L-arginine, L-carnitine, zinc, acetyl cysteine, and alpha-lipoic acid is compounded to help regulate cell and immune function.

PHOSPHATIDYL CHOLINE

Phospholipids are the basic building blocks of our cells. Given in combination with other substances, phospholipids can help with cell repair and detoxification. Patricia Kane is very well known for her PK-Protocol, in which she combine phospholipids with glutathione and folic acid to help restore healthy cellular function.

NEURO-AMINO MIX

This proprietary mix of amino acids is designed to support detoxification and repair of the nervous system. We commonly utilize this IV infusion in the treatment of neurological disease and nervous system damage. In addition to this, it is key component in our Substance Dependency Detox Program. Neuro-Amino Mix can support patients trying to wean themselves off of pain or sleep medication.

LIVER SUPPORT MIX

As the name suggests, this proprietary blend of amino acids, glutathione and homeopathics is designed to support liver function. Patients with liver damage as well as those who have been taking medication over a longer period of time can benefit from this support. As our treatments are designed to enable detoxification, this IV infusion is used in most of our programs to help support the metabolism of the liver during treatment.

10 PASS OZONE THERAPY

Ozone therapy is the use of ozone gas applied topically, rectally or intravenously. Healthy cells are stimulated and multiply more rapidly. Ozone therapies are thought to stimulate white blood cell production, kill microorganisms, improve oxygenation, help the body to fight infections and cancers, and stimulate the body's metabolism.

INTRAVENOUS CURCUMIN

Studies suggest that curcumin may have antitumor, antioxidant, anti-arthritis, anti-ischemic, and anti-inflammatory properties. Inflammation has been shown to play a major role in most chronic illnesses, including neurodegenerative, cardiovascular, pulmonary, metabolic, autoimmune and neoplastic diseases.



TREATMENTS

PHOTOBIO-MODULATION

Photobiomodulation is the application of low level laser and infra red frequencies to stimulate mobilization of the body's stem cells. This treatment may influence the way the cells function, releasing a cascade of so-called transcription factors and reducing oxidative stress. This can support healing and regulation in the body.

TRIGGER POINT THERAPY

Trigger Point Therapy is designed to relieve pain and promote deep muscle relaxation by cycles of pressure and release to specific points along the muscles. This active release technique is used to aid healing and stimulate muscle and metabolic function.

GLOBAL DIAGNOSTICS

Global Diagnostics is an alternative whole body scanning and treatment system from Germany based on bioenergetics. The method is described in more detail later in this brochure.

THYMUS THERAPY

The thymus gland plays a central role in our immune system. Thymus therapy is thought to support and restore healthy thymus function, thus improving the immune system. This method is described in more detail in this brochure.

LYMPHATIC DRAINAGE

The lymphatic system is the body's drainage system. Nutrients as well as waste from the cells are transported through the lymph system. At times, the lymphatic system may need some support. Lymphatic drainage uses a pneumatic compression system applied to the legs and abdomen. The treatment helps reduce cellulitis, swelling and water retention. It is also used to assist in detoxification.

Please note: Due to local laws and restrictions, not all therapies will be available at all Infusio locations

ADD-ONS

At times our practitioners may recommend additional treatments to your protocol. The decision to do this is most likely based on newer findings while you are staying at our facility. These treatments are not included in the Cell Protocol and will incur an additional charge. Your practitioner will explain, in detail, why such a recommendation is being made. Additional treatments may include the following:

BIO-FEEDBACK

Our Biofeedback system uses EEG to analyze the function of the brain. Disturbances in the wave patterns of the brain may indicate dysfunctional pathways between specific areas of the brain. Through simple training using light, sound and pictures the bio-feedback system helps you train your brain. This approach is especially helpful in the treatment of depression, emotional disorders, insomnia, brain fog and attention deficit.

SANUM THERAPY

Sanum Therapy is a traditional German naturopathic therapy where probiotics, bacterial extracts, homeopathic compounds and minerals are combined to improve immune function, digestion and general health.

SELENIUM

Selenium is necessary to generate antioxidant proteins that help prevent cell damage from free radicals, and thus protects against the development of certain chronic diseases. Selenium activates the antioxidant enzyme glutathione peroxidase. Selenium also has a role in regulating thyroid gland function and the immune system. Along with vitamin C and vitamin E, selenium is one of the more popular antioxidants.

Please note: Due to local laws and restrictions, not all therapies will be available at all Infusio locations



THYMUS THERAPY

The Key to Immune Modulation

Thymus therapy is the most important factor in immune therapy. The initial therapy involves a series of thymus extract injections, which activate and balance the body's immune system. This is what we call immune modulation. It is very different from simply boosting the immune system. The goal of immune modulation is to establish a healthy immune cell ratio rather than just produce more immune cells. In nature, the thymus gland plays a key role in cellular immune modulation.

The thymus gland is located just behind the sternum, on top of the heart. This gland is the center of our immune system. The function of the thymus is to produce and 'educate' T-lymphocytes (T cells). These cells are critical to the adaptive immune system. The thymus changes its size and function during our life cycle. It is largest and most active in newborns and infants. By our early teens, the thymus begins to shrink. Due to this reduction of size, the thymus related immune response decreases as we get older. When we reach our fifties, only about fifteen percent of the thymus gland still functions. This leads to a significant increase in immune related diseases such as infections, cancer, and auto-immune disease.

THE THYMIC FUNCTION

In 1960, the Australian Immunologist, J. Miller discovered the function of the thymus gland. He also recognized the true importance of the lymphocytes that are programmed by it. Since that time, international thymus research has been increasing. Today we know that the thymus is the central organ of the body's defenses. The white blood cells formed in bone marrow reach the thymus as immature lymphocytes. Only ten percent of these cells are trained in the thymus and deemed fit for use in the body's defenses.

Natural killer cells, helper cells, suppressor cells, and memory cells are trained to monitor and patrol the body. The purpose of this system is to recognize the body's own cells as its own and to recognize foreign cells, such as bacteria, viruses, or cancer cells, as alien. These foreign cells are then attacked and destroyed.

As our immune system is made up of a whole array of different cells, these must all function together to ensure a coordinated immune response to disease. For this reason, it is important that a healthy ratio exist between the different kinds of immune cells. Stress, illness, trauma, age or other factors can cause these ratios to become skewed. This is often described as an immune defect. An immune defect impairs the body's ability to coordinate an accurate immune response and can lead to weakened immunity or auto immune syndromes such as fibromyalgia, lupus, and chronic fatigue.



Examples of where thymus therapy may be effective:

Allergies
Arthritis
Asthma
Autoimmune diseases
Blood pressure irregularities
Cancer
Chronic fatigue
Chronic gastrointestinal problems
Chronic infections
Chronic liver disease
Diabetes mellitus
Disturbances of the thyroid gland
Fibromyalgia
General loss of vitality
General signs of aging
Hormonal dysfunction
Immune support in AIDS sufferers
Impotence and sterility
Infertility
Insomnia
Lyme disease
Male andropause
Menopause
Mood disorders
Multiple sclerosis
Osteoporosis
Prostate enlargement
Poor healing of wounds and fractures
Rheumatism
Sexual dysfunction
Skin disorders
Sleep disorders
Symptoms of menopause
Tinnitus

MODERN DAY THYMUS THERAPY

Thymus therapy can be traced back to Dr. Elis Sandberg from Sweden, who was having promising results in treating chronic diseases and cancer as far back as 1938. He developed his own thymus peptide extract called THX. By the 1980's Sandberg had successfully treated more than fifty thousand patients. In addition to the positive results of his treatment, many of his patients experienced significant anti-aging effects. This method has been used in Germany now for over 30 years and it has replaced the classic method of Live Cell Therapy developed by Professor Niehans.

The use of thymus extracts has been extremely well researched. There are over one thousand four hundred scientific studies about the use of cell extracts, most of them focusing on the use of thymus. Through modern preparation techniques, these products are safe to use. As with all forms of supplements and medication it is important to consider the risk of a negative or allergic reaction. The tens of thousands of case reports show that thymus extracts are safe for use by most patients. Most issues can be avoided by choosing a high quality product, produced in a certified production facility.

Killer Cells

These cells attack microorganisms in our body and work together with other cells to destroy them.

Helper Cells

These activate the natural killer cells and help in the formation of antibodies.

Suppressor Cells

These ensure that not too many antibodies are formed, preventing excessive immune reactions.

Memory cells

These cells store information for the immune system, enabling it to distinguish between foreign cells and its own cells.

GLOBAL DIAGNOSTICS

Whole Body Analysis

Conventional diagnostic methods may reveal important indicators of stressors to the body, but rarely detect the underlying disorders, which are preventing the body from healing. When dealing with multiple complaints involving different organ systems, it is often a challenge to find which therapeutic intervention will support healing, and which may overwhelm the body, triggering a negative reaction. Global Diagnostics is designed to provide a comprehensive view of the organ systems to see how they are interacting with one another.

The Global Diagnostic System uses an advanced method called "Vitalfeld" technology (German for 'dynamic field technology'). It enables the practitioner to measure and visualize energetic structures of the body. In less than ten minutes, the Global Diagnostics system automatically analyzes and records the patient's energetic reaction pattern. Each body part and every body system, whether healthy or diseased, has a specific reaction pattern to weak, external stimuli. Based on this reaction pattern, valuable conclusions can be drawn about the energetic state and the functionality of the organs and organ systems. The analysis covers more than five hundred and fifty body objects such as nerves, muscles, joints, organs etc. as well as the thirteen organ systems. After the measurement is complete, the results are immediately displayed on the computer monitor for interpretation.

MORE THAN JUST ANALYSIS

The Global Diagnostics system can be used to monitor the effects of a treatment protocol. We often repeat the analysis several times during the treatment process. The results help us to adjust the protocol and optimize it to suit your body's immediate needs.

The Global Diagnostic system can do more than just analyze. It can also be programmed to provide a bio-energetic treatment to support and stabilize the body systems. Based on the Global Scaling Theory, it can provide over two hundred and forty different treatments to help rid the body of bacteria, viruses, fungi, mites, and parasites.



WHAT TO EXPECT

A Global Diagnostic measurement is a simple and painless procedure. Usually, you will be sitting in a comfortable chair or lying on the treatment table. Two small electrodes are placed on your ankles and the Global Diagnostic sensor is attached. During the eight minutes it takes for the analysis to run, you will be required to remain quiet and relaxed. Enjoy eight minutes rest, without having to check your cell phone or emails.

Once the initial test has been performed, the practitioner may decide to perform some additional testing. Usually, the whole procedure is finished within about 15 minutes. The test results are immediately displayed on the computer monitor. They consist of several graphs, tables, lists, and diagrams, which will be reviewed with you. During this time it is helpful for you to take some notes as the results are very detailed. During the discussion, you will also receive tips and instruction on ways to help yourself achieve optimal health.

PHOTOBIO-MODULATION

Treatment With Photo medicine

Cold Laser Therapy is a colloquial term for photobiomodulation or Low Level Laser Therapy (LLLT). It is a light therapy using lasers or LEDs to improve tissue repair, reduce pain and inflammation wherever the beam is applied. Usually applied by a doctor, therapist, or technician, treatments take about ten minutes and should be applied two or more times a week. Photobiomodulation has been used for many years on sports injuries, arthritic joints, neuropathic pain syndromes, back and neck pain. Over three hundred randomized clinical trials have been published on Photobiomodulation, half of which are on pain. These studies indicated significant reduction of inflammation equal to or better than NSAIDs within two hours, analgesic effects that last for forty eight hours, and healing time of chronic tendinopathies reduced by 70 percent.

HOW COLD LASER THERAPY WORKS

Light can stimulate or inhibit cellular functions according to its intensity and the time applied. Lasers and LED's produce intense beams of light at specific wavelengths. When the right wavelength at the right intensity is used at the correct anatomical location for the right amount of time you can stimulate repair, resolve inflammation and reduce pain.

PHOTOBIO-MODULATION AND STEM CELL THERAPY

Studies have shown, that by exposing certain areas of the body to photobiomodulation the amount of circulating stem cells can be greatly increased. Photobiomodulation may also be used to activate stem cells. For this reason, we use photobiomodulation as a activator before and after the cell therapy.

PHOTOBIO-MODULATION IN STEM CELL THERAPY

Philip Battiade

For many years now, I have used laser therapy as a means of treating patients with sports injuries and pain. To be honest, the results were often mixed which made me unsure of the effectiveness of such therapies. Now, since our work with THOR, my opinion has changed. Photobiomodulation has become my treatment of choice when dealing with any kind of pain syndrome. THOR has worked closely with us, to train my team and help develop the laser technology I need to offer my patients a safe and effective treatment.

Their work with NASA and Harvard Medical School has proven to be invaluable in establishing low level laser therapy as a reliable treatment modality.

Since incorporating photobiomodulation into our stem cell program, we have seen a significant increase in stem cell harvest and post proliferation yield. Laser therapy is certainly a welcome addition to our cell therapy protocol.

APPLICATIONS:

- Cell growth stimulation
- Sprains and strains
- Osteoarthritis
- Post-operative pain
- Tissue healing
- Sports injuries
- Back and neck pain
- Frozen shoulder
- Tennis elbow
- Skin disorders





NovoTHOR

Photobiomodulation therapy is the application of red/near- The NovoTHOR is safe, relaxing and has no negative side effects. You simply relax in the treatment pod for 8 - 15 minutes of whole-body restorative light treatment.

The advantage of the NovoTHOR is it is a whole body delivery system of photobiomodulation therapy that has been designed to deliver optimal wavelengths, power densities and dosages based on published clinical research outcomes.

The intended uses of the NovoTHOR are restoration of motion to joints, improved muscle performance, decreased post exercise soreness, and adjunct to obesity as part of a diet and exercise program.

NovoTHOR applies infrared light to tissue where there is degeneration or injury, to improve repair and reduce inflammation/pain. It's main function is to reduce oxidative stress.

Oxidative stress is accepted as the underlying trigger for most diseases and degenerative conditions. It is also a component in the inflammatory phase of acute and chronic injuries.

NovoTHOR:

promotes regeneration

reduces inflammation

reduces pain

is non toxic

is non invasive

has no side effects

Over 400 randomized Controlled Trials have been published using photobiomodulation therapy devices.

Regular treatments of just 8-15 minutes reduces pain, while improving muscle performance and reducing fatigue.

TEN PASS OZONE

High Dose Hyperbaric Ozone Therapy

The 'Ten Pass' was developed by a senior European Physician, Dr. Johann Lahodney. Dr. Lahodney's research showed that high dose ozone was helping his patients heal faster from skin wounds, infections, pain, tinnitus and other chronic diseases such as Lyme. His research also suggests that OHT releases stem cells. Other Doctors and patients using Ten Pass are reporting improvement with their Lyme disease symptoms, depression, energy levels, sleep quality, herpes, erectile dysfunction and a variety of other medical conditions.

HOW IS TEN PASS ADMINISTERED?

The ozone treatment takes about 2 hours, in which high doses of ozone are given intravenously. Infusio believes the most superior form of delivery, involves removing about 6-7 ounces of blood into a vacuum bottle, pressurizing it with oxygen/ozone gas at a concentration of about 70 mcg/cc and returning it rapidly to the patient. (This is one pass). This process is then repeated 10 times giving you up to 140000 mcg of ozone.

To perform the treatment safely, heparin is used. Heparin can interfere with clotting for up to 12 hours. For this reason, please let us know if you have source of active bleeding such as any fresh wounds, nose bleeds, hemorrhoids, menstruation, etc.

Your blood pressure will be monitored before and sometimes during the session.

Once all ten passes have been received, an IV cocktail containing Vitamin C, Calcium, Magnesium and B vitamins complete the therapy.

After the procedure a small compression bandage will be applied to the injection site. You must leave this in place for 6hrs to prevent bruising or bleeding.



MONEY MATTERS

Our Terms and Conditions

Mixing money and medicine is always a tricky situation. On the one side, it is our endeavor to offer you the best possible treatment, but at the same time all products, drugs, and services cost money. Every doctor wants his patients to recover and regain their health. Unfortunately, even good medicine is not an exact science and there are never any guarantees of success. This can lead to challenges for both doctor and patient if a treatment is not successful, and costs still have to be covered. It is our philosophy to be as transparent as possible when it comes to finances and other organizational matters involved in our treatments.

The information contained on this page should help you understand the process and logistics involved in our administrative and billing process. This will help us offer you the best possible service and will be key in avoiding any misunderstanding regarding finances.

PRICE OF TREATMENT

The quoted price for a program is a package price. During your treatment, your program may be adjusted and certain applications replaced with others. This will not effect the price of the treatment package.

Prices are valid for a limited period and are subjected to change based on currency fluctuations and other external cost factors. The package does not include treatment of any unrelated illness or procedures other than the one for which this estimate has been prepared. Also expenses for any additional stay beyond the stipulated days as per the estimate shall be payable extra.

The package price is based upon our best understanding of your condition at the time of contact and more informed estimates can be provided once you have been thoroughly examined by the attending physician at the treatment center. The diagnosis and recommendation is based on the medical reports provided by you and your representatives.

MISSED TREATMENTS

Due to unexpected circumstances, you might need to cancel your trip to Infusio. We will refund 100% of your payment if your written notice of cancellation is received up to fourteen days before your planned start date. Should we receive your cancellation less than eight days before your scheduled departure, please understand that we will only be able to refund eighty percent of your payment. If you have to miss treatments during your stay with us, there is no provision for refund. Any revision of pricing or refund of treatment costs will be at the discretion of Infusio. The refund process takes 4-6 weeks.

OUR COMMITMENTS

It is our sincere wish to provide you with the best possible experience. Your choice to trust us with your health is something we do take very seriously. Your trust and our commitment to help, form the basis for our contract.

Your treatment will be carried out by our local Infusio representative. Payment is made directly to the local office by check, credit card or money transfer.

As part of your preparations, you will receive an email containing the price of your particular program. This price will be quoted in US dollars. The quote will be valid for a three week period, after which a revised quote can be issued.

Please let us know once you have decided to start treatment with Infusio. Our office will send you an invoice for the treatment package. Payment should be made fourteen days before travel. Your payment is your formal agreement to our terms and conditions.

YOUR
CONSENT

PAYMENT

Once you inform us of your decision to receive treatment, payment should be made by check, credit card or money wire directly to the credit institute stated on the quote. This should be done at least 14 days prior to travel. Payment may be made in US dollars. Credit card payments will incur a three percent processing fee. No partial payments will be accepted unless this has been approved in advance.

You initiating payment to Infusio or its representative denotes your agreement to the terms and conditions stated in this document and all other information documents you have received. In addition to payment, we will require your credit card details to be held on file.

Your final invoice will be issued by Infusio, Inc. at the conclusion of your treatment.

HEALTH INSURANCE

Treatments at Infusio are not typically covered by insurance. We have made numerous attempts to code and bill our protocols, but the nature of the treatments themselves makes it almost impossible for health insurance to compensate the costs.

The term 'non-covered' service can refer to any number of things. Consultations, screening tests, functional tests, telephone calls, medicines, injections, books, classes, or extended office visits, are examples of what could fall into this category of non-covered services. Despite any health benefits these services may provide, your insurance company may not consider them "medically necessary".

Please understand that for this reason, we always require full payment of any treatment program and accommodation in advance, even if you are planning to submit your bill to your insurance company. This will allow you to concentrate on your healing process rather than focus on what things cost.

After having carefully read the information provided to you above, you might have some questions, which need to be answered. You may ask questions regarding your treatment before signing any consent forms. You are free to withdraw your consent and to discontinue participation in these procedures at any time.

Your consent means that you voluntarily consent to the procedures, detailed in this brochure realizing that no guarantees regarding success of the treatment have been given to you by anyone involved in your treatment.

You understand that a record will be kept of the health services provided to you. This record will be kept confidential and will not be released to others unless so directed by you or your representative or otherwise permitted or required by law. You understand that you have the right to review your record and obtain a copy of your record upon request and that obtaining a copy of your record may require payment of a fee.



INFUSIO
BY PHILIP BATTIADE

w w w . i n f u s i o . o r g

IMPORTANT NOTICE

At present , the application of stromal vascular fraction in some countries is classed as experimental medicine. If this is the case in your country, our therapy may not be available or be performed by as part of a clinical trial. Due to local legislastion the SVF harvesting or manufacture may be handled by a third party contractor.

The statements contained in this document have not been evaluated by the FDA or any other regulatory body.

No claim is being made that this program represents a cure for Lyme Disease.

The information is not intended to diagnosis or treat any disease. Please consult a physician.

The statement contains represent the personal opion of Philip Battiaide.

For more information:

www.infusio.org