

Yields Successful Outcomes for Dogs and Cats with Fecal Transplants

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Madrid Declaration 2015









WHY MBRT?

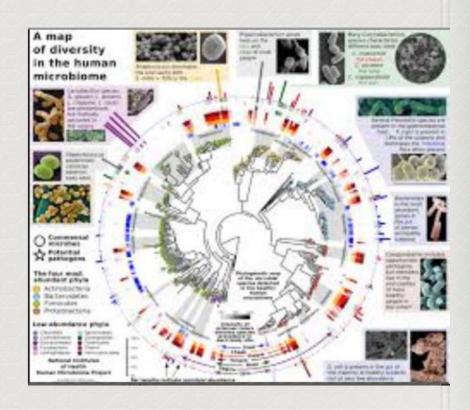
Micro-Biome Restoration Therapy
("MBRT") or Fecal Transplantation (FT)
will soon become common protocol in
the re-establishment of the GI tract
microbiome in dogs and cats.

A single human has over 100 trillion microbes throughout their body,

This is equivalent to two-to-five pounds of varied microscopic life in a normal human

economist.com

THERE ARE OVER 500 SPECIES OF MICROBES FROM YOU MOUTH TO There are 1000's of subspecies that have not even been identified. This is uncharted science



Trends in Genetics pinterest

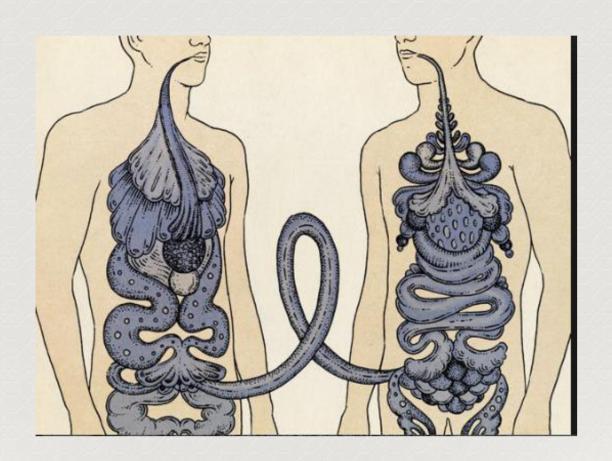
Some History

The idea of using stool as medicine is not new. In the 16th century, during the Ming dynasty, fermented fecal concoctions, euphemistically named "yellow soup," were used for digestive problems.

In the 17th century, Christian Franz Paullini, a German physician, compiled a stool recipe book for treating dysentery and other digestive ailments,

In the United States, fecal transplants have long been used on sick horses, and in 1958, Dr. Ben Eiseman pioneered the concept in humans, writing about the use of a fecal enema as a last-ditch effort for a patient with clostridium difficile.

SHARING THE BIOME



katie scott artist

AFETUS IS STERILE When the baby comes through the birth canal the mother secretes

bacteria like lactobacillus in the vaginal lining



Doulas may tell new mothers not to bath for 5 days. In China tradition says no bathing of new moms for 3 months. So that all the mothers secretions can be part of the babies immune system

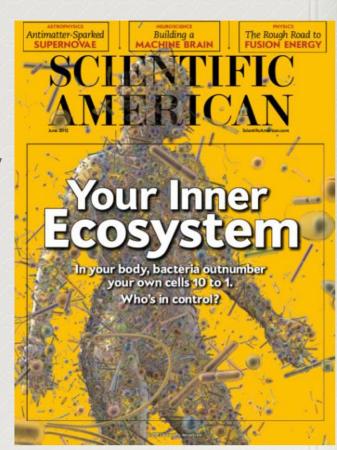
Fecal transplants have been shown to have up to a 93 percent success rate in C. difficile infections, which kill an estimated 14,000 individuals each year in the United States alone.

C. difficile infections affect over 300,000 people in the US each year, and treatment costs exceed \$1 billion. (N Engl J Med 13;368:407–415)

And an Australian study found an initial success rate of 70 percent for treating chronic fatigue syndrome, and a 58 percent sustained response when using fecal transplants. (Journal of the Australasian College of Nutritional and Environmental Medicine 12;31(3):3-

THIS IS NOT AS SIMPLE AS SH..T.

- Quantitatively, we are more microbes than "human" as prokaryotes are so much smaller and less complex than human cells. **There** are more microbes in the human body so therefore we are microbes supported in a frame of cells.
- When we use probiotics to support gut health we are using from 1-20 species of microorganisms. There may be millions of these but their species are in small numbers in relationship to what a GI tract actually thrives with.
- According to Dr. Alexander Khorut, M.D., a gastroenterologist at University of Minnesota we have from 300-500 species from the mouth to the anus,. As of Jan 2013 he cannot even begin to tell you how many various sub-species there are in the normal human gut. There may be thousands.



WHERE TO GET A MBRT

Today, Unknown Thousands F.M.T.'s have been performed worldwide. In Boston there is a company www.openbiome.com that is a donor bank. No significant adverse reactions have been definitively attributed to the procedure (though there have been two F.M.T.'s that may have led to the transmission of the norovirus stomach bug, both of which cleared on their own within days).

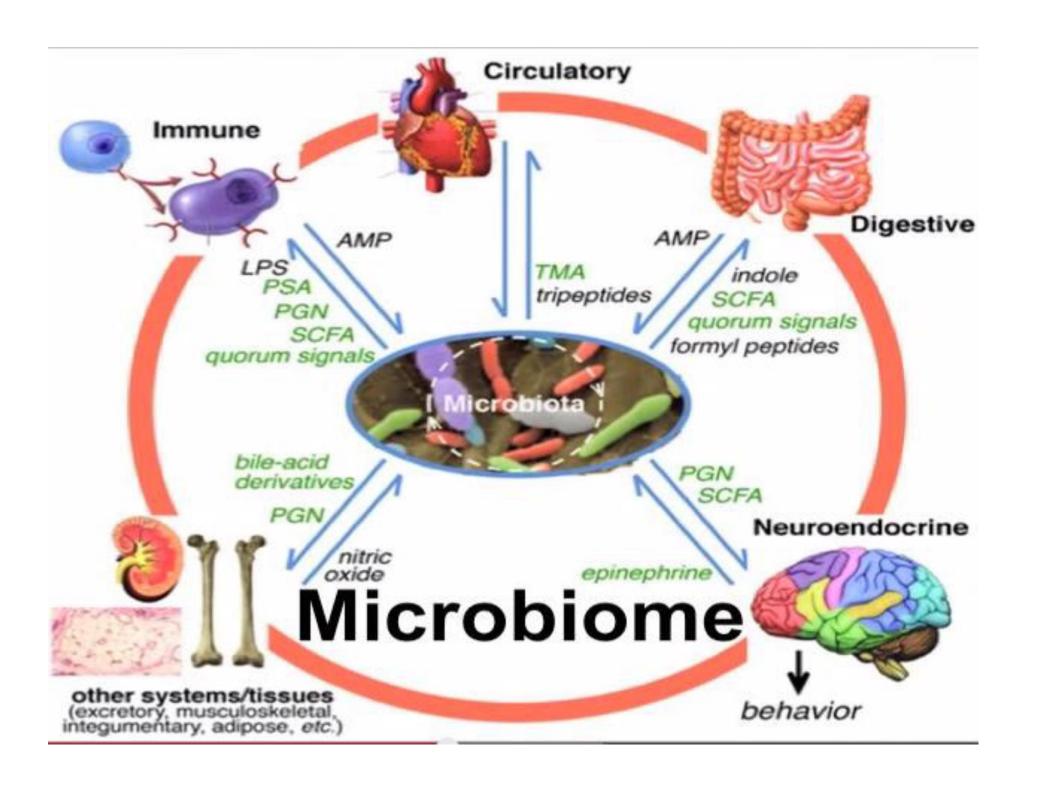
There 100's centers in the USA that even offer the treatment, they are being done a Mayo Clinics, Massachusetts General Hospital, Children's Hospital Boston, Cedar Sinai and John Hopkins and lots of others

WHERE DOES OUR IMMUNE SYSTEM COME FROM



- YOU have all heard the Dannon Activia Commercial "The 75% of you immune system comes from you gut."..Well it it even more than that.
- The new science is that 85 percent of our immune system

 COMES from our gut, then a lack of these normal symbiotic microbes could be the reason for failure of the immune system resulting in disease, cancer and autoimmune issues
- When significant gastrointestinal balance of microbes needs to be replaced, having the hundreds of species available at once with a MBRT, may be the most efficient way to accomplish the goal.



Our Micro Biome is constantly challenged by chemicals in our food and environment

Entropy 2013, 15, 1416-1463; doi:10.3390/e15041416



Review

Glyphosate's Suppression of Cytochrome P450 Enzymes and Amino Acid Biosynthesis by the Gut Microbiome: Pathways to Modern Diseases

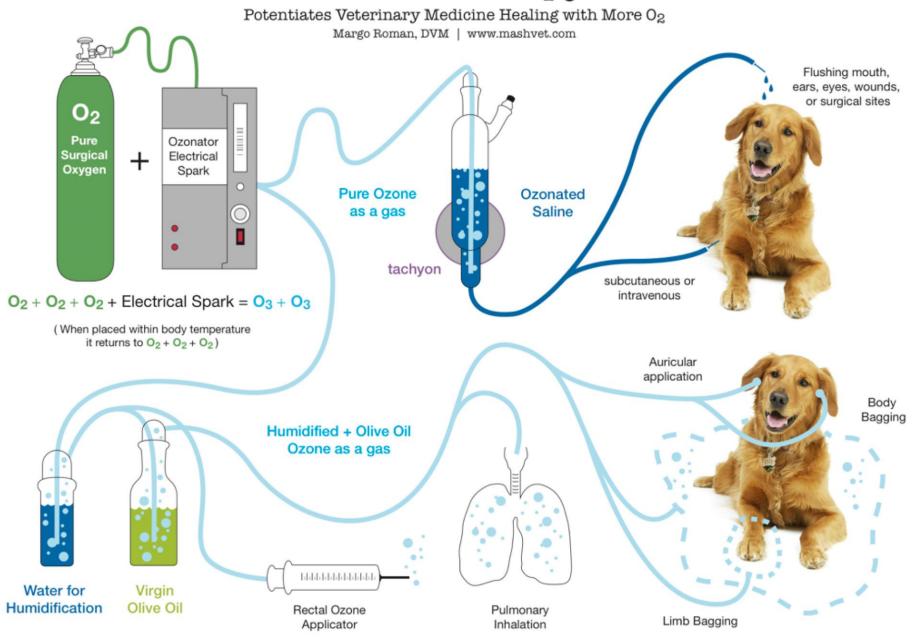
Anthony Samsel 1 and Stephanie Seneff 2,*

Glyphosate inhibits CYP enzymes and damages the Microbiome

Why combine the Ozone with the MBRT

- Ozone as a rectal gas helps remove the Biofilm of the gut
- Ozone as a rectal gas helps the colon and gut mucosa cells be less inflamed.
- Ozone strengthens the body without having the side effects of antibiotics
- In Humans the use of vancomycin and metronidazole are used to disinfect the gut prior to a fecal transplant for Clostridium Difilcil

Ozone Therapy



^{*}Keep a window open for ventilation during treatment as 0_3 may irritate the lungs*

DISSOLVING THE BIOFILM

This can be accomplished by naturally "dissolving" or disrupting each of the biofilm's components, primarily polysaccharides, proteins, and calcium.

Amylase is an enzyme that specifically breaks down polysaccharides (sugar and starch). You'll find this in most digestive enzyme complexes.

The list of proteases or protein digesting enzymes includes things like papain from papaya, bromelain from pineapple, nattokinase from fermented soybeans, and vinegar (acetic acid).

Extracts from certain types of berries have been found to contain compounds that inhibit the formation of biofilms by pathogenic bacteria.



FOOD THERAPY THAT HELPS

- Extracts from certain types of berries have been found to contain compounds that inhibit the formation of biofilms by pathogenic bacteria.
- So far these include cranberries, blackberries, blueberries, raspberries, and strawberries.
 Basil, oregano, rosemary, thyme, turmeric, ginger, and kale exhibit similar properties.
- The biofilm fortresses that harbor pathogenic bacteria are often one of the primary sources that contribute to chronic inflammation in the body.
- Their ability to disrupt these biofilms and reduce inflammation explains why traditional cures like a daily tablespoon of vinegar, eating a slice of pineapple with each meal, or taking papaya



WITH OVERUSE OF ANTIBIOTICS

With the overuse of antibiotics in children, there has been seen a link to Irritable Bowel September 24, 2012-- Overuse of antibiotics may help explain why more children are being diagnosed with inflammatory bowel disease (IBD).

In a new study, getting antibiotics, especially very early in childhood, was linked to a raised risk for IBD.

IBD is a catch all term for a group of serious intestinal conditions that include <u>Crohn's</u> disease and <u>ulcerative colitis</u>. The symptoms typically include <u>diarrhea</u>, <u>rectal bleeding</u>, and abdominal cramping.

The rate of IBD among children has doubled over the last decade. The study is the largest yet to suggest that the increased use of antibiotics may be at least partially to blame.

"We need to be judicious in our use of antibiotics," says researcher Matthew P. Kronman, MD, of Seattle Children's Hospital's division of infectious diseases. "Antibiotics should be used when needed. But too many children are still getting them for conditions like the <u>common cold</u>, where they do no good."

WebMD Salyn Boyles

We are destroying the order of symbiosis in the gut and are losing hundreds of normal species in the balanced biome of the gut.



Poop in a Pill

It's no joke. Clostridium difficile, or C-diff, causes debilitating diarrhea and is linked to 14,000 deaths in the U.S. every year.

Fecal transplantation—the delivery of pre-screened, healthy donor stool to a patient by colonoscopy or nasogastric tube—is typically prescribed as an effective alternative to long-term antibiotic use in treating this infectious disease. But new research co-authored by Boston Children's Pediatric Gastroenterologist Dr. George Russell, says there is a third, less invasive, less expensive option to treat C-diff; poop in a pill.

A group of physicians from Boston Children's, Massachusetts General Hospital, Harvard Medical School and Tel Aviv University conducted a clinical trial with 20 patients and found:

Initial treatment Symptoms resolved in 14 of the 20 patients.

TTTTTTTT

Second try

This time symptoms cleared up in 4 of the 6 patients who did not respond at first.

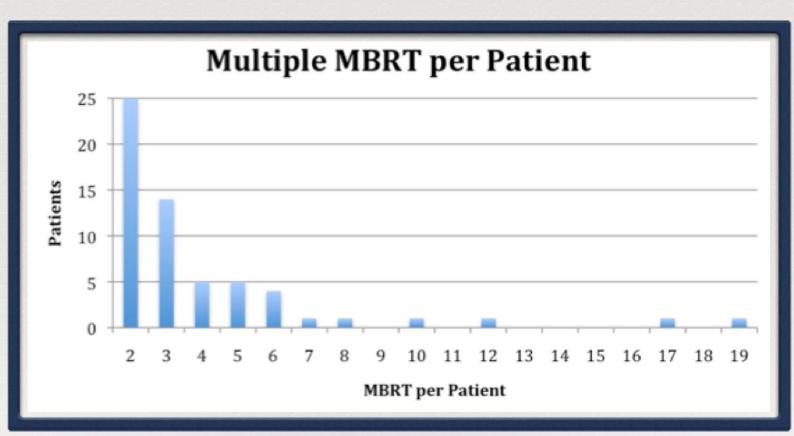




Learn more at bostonchildrens.org/fecaltransplant

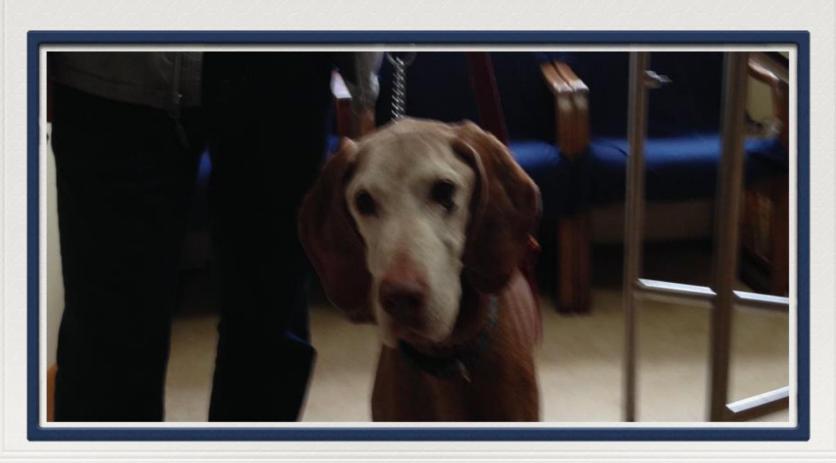
SOME ANIMALS NEED JUST ONE

Who knows how much Poop has to be given to set up a healthy Biome



IF 75-85 % OF YOUR IMMUNE SYSTEM IS FROM YOUR GUT

Where should a doctor start



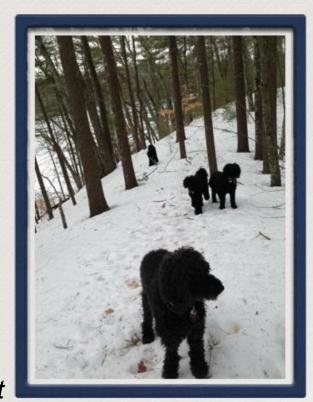
MICRO BIOME MIXOLOGY

Combining the Biome of more than one animal to gain the qualities of the Biome from each individual

Example Using a biome from a cancer survivor and the youthful vigor of a puppy Biome.

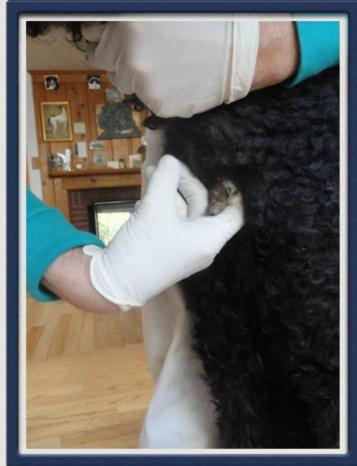
Geneva has had malignant breast cancer for 7 1/2 years only treated with herbs, homeopathy, ozone, UVBI,raw diet, nutraceuticals and a surgical removal.

Never on an antibiotic or pesticide. (except summer Interceptor) Here at 14 1/2 years donates to help cancer patients

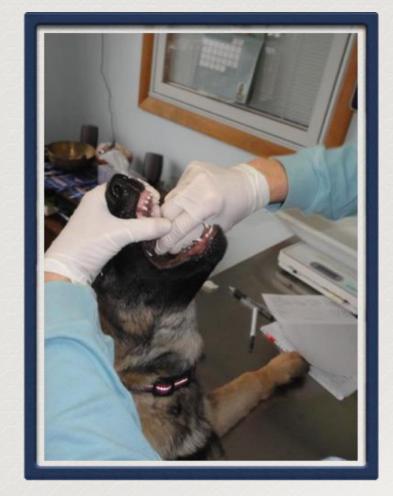


This is the best way. It is the freshest





I TAKE THE FECAL AND
PUSH IT TO BACK OF THE
THROAT OF THE RECIPIENT.
WE SOMETIMES MAKE A
TYPE OF MEATBALL BY
TAKING SOME RAW
GROUND MEAT AND PLACE
THE FECAL MATERIAL INTO
THE CENTER AND WRAP
THE RAW MEAT AROUND
THE MBRT. IT IS TAKEN
QUITE READILY AND EATEN
BY THE PATIENTS. FOLLOW
UP WITH A RAW FREEZE
DRIED TREATS.



PREPARING THE MBRT VIA BLENDER



GIVING RECTAL OZONE PRIOR TO MBRT TO REDUCE BIOFILM

any rectal intrusion is usually disliked



PREPARING THE MBRT FOR INFUSION

This is a live culture with hundreds of species



EATING RAW DIETS HELP GIVE NATURALLY A MIXED BIOME







The Donors FOUR Generations All Types of Cases Treated

C.Dificil, Giardia, Behavior, Irritable Bowel, Cancer, Allergies, MRSA, Infections, kidney failure

Ozone Amounts

Animal weight lb/kg	O3 - subcutaneous saline/cc or ml	O3 - rectal gas/cc	O3 combination saline cc/gas cc	Vitamin C + B complex cc + cc
10/4	40	40	25/25	0.5 + 0.2
20/9	75	60	50/40	1.0 + 0.5
30/13	100	75	80/45	1.5 + 0.5
15/22	130	100	100/50	2.0 + 0.75
75/34	145	120	125/70	2.2 + 0.75
100/45	190	140	170/100	2.5 + 1.0
125/56	210	150	180/120	3.0 + 1.0
150/68	250	150	200/150	4.0 + 1.3

Dosages used is 1/8 and 8 setting on the Longevity machine which is about 85 gamma. Rectal gas and Subcutaneous saline is perked for 30 minutes at room temperature.

We are using the Longevity EXT120T

1 gamma = 1 ug/ml = 1 mg/L

1LPM = 1000cc/min = 1000ml/min 1/8 LPM = 125cc/min = 125ml/min

Saline is ozonated at 1/8 LPM and a setting at 8 = 88 gamma

Saline only saturates to 37 gamma

Unit is run for 30 minutes to saturate 1000cc of saline

Gas is given at 1/8 LPM and setting of 8 = 85 gamma

Or can be given at 1/8 and setting 5 = 61 setting

Cardiac issues and low body temperature will reduce the ozonated saline volume by 30%

specific protocol

- . a) Gas administered rectally
- b) If animal has low body temperature, decrease saline by 30%
- . c) If animal has cardiac issues, decrease saline by 40%
- d) If animal is older and/or weaker, keep warm at all times and add more gas rectally, up to 25% more
- e) If animal is younger and more vital, can give more saline subQ, up to 25% more
- . f) Wait at least 10 minutes post O3 administration before giving vitamin injection subQ
- . g) If animal has been on oral antioxidants, may not need vitamin injections

MOJO CHRONIC SKIN ALLERGIES

he got back his healthy skin a a whole lot more



YEARS OF DRUGS AND ANTIBIOTIC

His life was one suppression

- Mojo at 5 year old DSH cat with skin allergies and reoccurring struvite crystals and had been on SO Royal Canine diet. He had also been on Ketaconazole, revolution, tresaderm, mometamax, TrizEDTA ear, Triamcinalone, cyclosporine, convenia. He had some aggressive behavior with Muffin his female hours mate.
- * THE SOURCE OF OUR FECAL TRANSPLANT WAS FROM TRAPPER A ONE YEAR OLD SIAMESE THAT JUST GOT NEUTERED
- We gave him a MBRT on 4/9/13 he was 8 years, at his first visit as he had been started on Raw food 2 month before. He was also started on gut support including Epizyme, Nutrigest, Colostrum, Rx Vitamin Ultra FA, Standard Process canine immune support and out MASH mix. He also was given LM 1Thuja due to his over vaccinations and for a detox. Within a week his skin issues stopped and he started growing his hair back he was happier

- With his second fecal transfer he had gotten more playful, more curious and more independent. Plays before eating and Less aggressive and more affectionate
 - * Owner request a 3rd fecal because she wanted to see how it could improve him even more than just two.
 - * Both the second and third fecal transplants were just an almond size piece of cat stool fresh from litter box

MOJO GETS HIS MOJO BACK

- * Two days later He came in 9/17/19 because of what owner thought was an impacted anal gland . they were not impacted and with closer exam realized that he was sexually attacking her arm and trying to hump her arm.
- * He was acting more like a male who was younger and sexually active.
- * On Jan 5,2014 She continued to give him fecal transfers from a friends young female cat every 1-2 weeks.
- As on March 20, 2015 he has been doing well and receives young female cats biome when owner feels he needs it. Occasionally he gets into humping again
- He has been less aggressive and his skin has stayed improved and when he get the slight itch around his ears she puts on his e collar and cleans the area with green tea and it resolves. She has also added a product called Dynovite.



WE SAW STOVIN AGAIN ON MARCH 22 AND MARCH 24TH AND ON BOTH DAYS ADMINISTERED A VITAMIN C AND B-COMPLEX INJECTION AS WELL AS ANOTHER ROUND OF OZONE THERAPY. THREE DAYS AFTER TREATMENT HE HAD A BROWN STOOL AFTER 2 MONTHS OF HEMORRAGIC STOOLS. WHEN WE TALKED TO STOVIN ON MARCH 26, (5DAYS AFTER STARTING INTEGRATIVE THERAPIES) THE OWNER REPORTED THAT HE HAD PRODUCED HIS FIRST NORMAL STOOL SINCE HE WAS A 10-WEEK-OLD PUPPY. HIS WEIGHT ON THIS DAY WAS 50 POUNDS.

Initially stovin could barely walk

This picture is 10 days after his positive changes

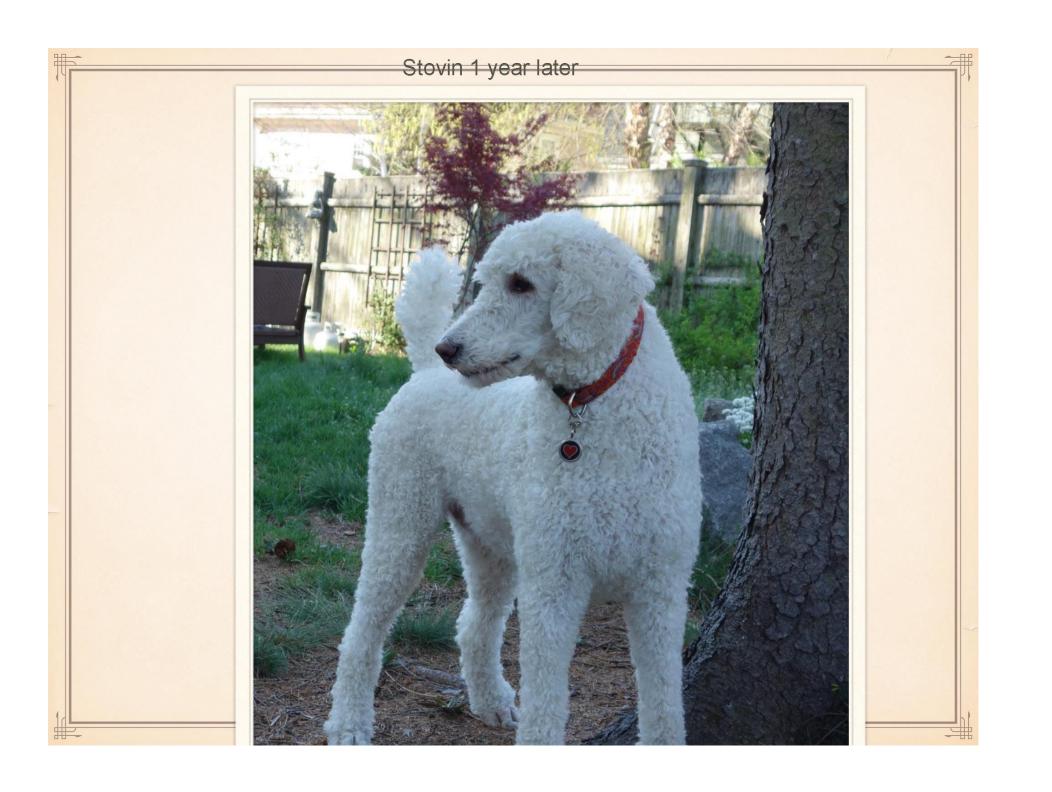


Stovin was given an MBRT 10 days into care

WE CONTINUED STOVIN ON HIS CURRENT ORAL SUPPLEMENTS AS WELL AS OZONE TREATMENTS THREE TIMES A WEEK FOR SIX WEEKS. ON APRIL 15, 2012 STROVIN WEIGHED IN AT 57 POUNDS. WHEN I SAW STOVIN IN MAY HE WAS MUCH IMPROVED BUT NOT FULLY RECOVERED AND I RECOMMENDED WE TEST HIM FOR PLECHNER'S SYNDROME. THIS IS AN IMMUNE ENDOCRINE IMBALANCE. ONE WEEK LATER IT WAS CONFIRMED THAT HE HAD PLECHNER'S SYNDROME AND WE IMMEDIATELY STARTED HIM ON A SYNTHETIC THYROID SUPPLEMENT.







BARLEY AT 12 WEEKS OLD

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Treating Unresolving Giardia



Treating Giardia with a MBRT

- Barley a Wheaten Male born 3/2/13, presented on 6/1/13 at 3 months at with diarrhea, mucous and blood.
- He had been given a DA2p+PV on 4/24/13 ,5/32/13 a CPV 4/3/13, 4/18/13 and a DA2 4/11/13
- The puppy was Dewormed pyrantel 3/7,3/21.4/4,4/18,5/25/13 Febendazole 4/11-4/13

Ivermectin 4/18/13

- His Giardia assay in house test Positive Panacur was given.
- Returned 7/17/13 with continued diarrhea Giardia positive. He had not gained much weight and was very thin and his energy was low. Not like a normal puppy. He was given Albendazole

Treating Puppies that have had lots of deworming and medications

- Barley Returned on 8/10/13 to restest for Giardia and was highly positive. He was still having diarrhea and now was weak in his legs and his stifle was painful and some laxity in the joint. His was still active but not like a normal puppy. He was not gaining weight.
- Owner was frustrated and did not want more drugs as they were not working.
- We did Rectal ozone and Subcutaneous ozone, and an oral and rectal fecal transplant.
- The next day he had a normal stool and they stayed that way. His next Giardia test done was normal.
- Puppy is big and solid and has grown well. He might be a challenged dog and I have advised giving he a MBRT from their other dog

REALLY THRIVING





ARCHIE AND AGATHA, WIRE FOX TERRIERS LITTER MATES, BOTH DIAGNOSED WITH IMMUNE ENDOCRINE IMBALANCE ALLERGY TESTING

THROUGH APPLIED KINESIOLOGY AND FOOD ELIMINATION KEPT THE GI TRACT IN CHECK, BUT STILL ARCHIE HAD SEVERE AGGRESSIVE BEHAVIOR.

HIS THYROID AND CORTISOL LEVELS WERE MONITORED USING PLECHNERS TESTING

AFTER HE HAD HIS FIRST TRANSPLANT, HIS BEHAVIOR CHANGED IN 30 HOURS AND LOST HIS ANXIETY AND AGGRESSIVE BEHAVIOR AND THAT WAS THE LITMUS OF HIM BEING IN BALANCE.

HE COULD EAT FOODS THAT NORMALLY
GAVE HIM LOOSE STOOLS

HE DID REALLY WELL UNTIL HE HAD HIS MONTHLY HEARTWORM INTERCEPTOR AND 24 HOURS AFTER HIS INTERCEPTOR HE RETURNED TO HIS BEHAVIOR. (MILBEMYCIN OXAMINE

Archie and Agatha

Litter mates with different Biome strengths



- Archie returned to his aggressive and allergic
 GI tract issues after the Interceptor
- With another MBRT his affectionate and loving behavior returned by reduced as time passed
- Are the precursors of Oxytocin the Love Hormone produced by the Biome.

CHRONIC CLOSTRIDIUM DIFFICIL FOR 2 YEARS

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On antibiotics for 2 years with diet and MBRT diarrhea stopped and c difil is gone



OZONE AND ULTRAVIOLET BLOOD IRRADIATION WITH MBRT FOR CANCER

OLIVIA

In Oct 5, 2012 she came for a holistic consult as she was have some panting and respiratory distress.

Her mucous membranes were pale and her respiration rate was up. Her diagnosis of cancer with bleeding into the chest gave her limited options and chemotherapy and radiation was offered was palliative care for a few weeks.

Otherwise 2-3 days. She was not eating was lethargic and not interested in playing. She was unable to take a walk without severe effort.

Keeping her heavily sedated and on pain meds was an option until owner was ready to say good bye.



The owner herself had been doing holistic medicine with her own health in the past 6 months so she was curious if it could help Olivia.

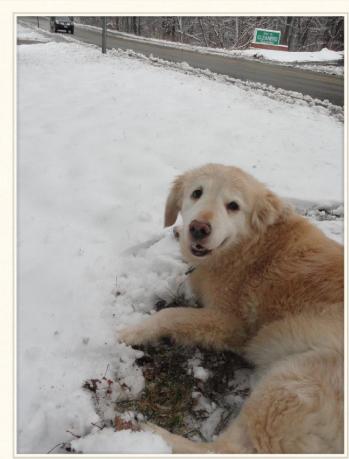


She was given both subcutaneous ozonated saline and rectal ozone and given the below list of nutritional supplements and a change of diet. We also gave her acupuncture and homeopathy.

She received Ultraviolet blood irradiation from her own blood from both venous and thoracic tap. She had three chest taps of very bloody fluid over a 2 week period of 95cc-125 cc which helped relieve her dyspnea. She received a MBRT from Geneva who has had malignant mammary cancer for 4 years and was thriving.

An additional time to play in the snow







Believe in Boston Strong

COMPLEMENTARY TREATING T CELL LYMPHOMA

Dudley a shitz Poo gets
Conventional Chemo,
Ozone, UVBI, MBRT,
Cannabis Oil, nutritional
support and LOVE







He now gets a Buda Duncan doo doo and has the energy of a 10 month old male It is over 2 years and 3 months and he has had chemo and cancer vaccine as well,.

STRANGERS IN THE

GUT
Frank Sinatra "Strangers in the Night"

Strangers in my gut exchanging gases

Wond'ring what the luck

Health was just a glance away, A biological species dance away and

What were the chances we'd be sharing biome

Before the night was through.

Ever since that night we've been together.

Feces at first sight, blended forever.

It turned out so right, For strangers in the gut

Something in your in you bowels was so inviting,

Something in your colon was so exciting,

Something in my tummy

Told me I must have you.

Health was just a glance away, A warm enema bag away -

Ever since that night we've been together. Five hundred species, in love forever.

It turned out so right, For strangers in the gut.

Strangers in the innards, 100 trillion microbes

We were strangers in the intestines

Up to the moment

When we meshed our first symbiosis

Little did we know

Do doody doody do do doo do do Poo Poop Poo po pooo poo po po pooooooo

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