

# Sherri's Parasite Handbook

Contact Sherri by text at 512-417-6358

Version: 01/01/2024 (updated often)

Please share your email address with me if you'd like to receive updates.

**Disclaimer: This is NOT medical advice. I'm just sharing what I have learned so far, and what I did in my own personal journey and that of my family.**

## Background

One thing the pandemic made me aware of was the connection between parasites and the scary-c-word. So as usual, I started researching. I found that up to 33% of people in North America have them...and they can be an easily treatable root of many chronic issues that go undiagnosed.

I found Candice Bradstreet. Candice is Dr. Jeff Bradstreet's sister-in-law and has a HUGE heart for helping others. I had known of the name "Jeff Bradstreet" from a book I read 20 years ago about cures for cancer...only later to see many of the doctors mentioned inside the book become...well...suicided/murdered. These doctors were changing lives and taking away life long patients from big HARMA. I digress...

I don't have any symptoms anymore after discovering frequency therapy but I live in the pro-active mode so I decided to get tested for parasites. Candice has a facebook group that I recommend you join to learn more about Parasites (and other great info). It's a private group so you can't search for it on Facebook but if you and I get friended on Facebook, I can invite you to the group. She shares stuff often and you can search the group for the keyword "parasite" and scroll through all the old posts. Much of the content of any parasite posts is collected here in one place.

CONTACT me and ask to be connected to the group.

You'll need to be friends with me on Facebook first:

<https://www.facebook.com/plantedforsuccess>

## SHORT 3 STEP Summary

- 1) Get Tested
- 2) Target specific critters with custom frequencies at the same time as homeopathic cleanse over a span of at least 30 days that includes 2 full moons.
- 3) Test again after cleanse and going forward at least every 6 months or year

## LONGER 7 STEP SUMMARY (with more details)

- 1) Order your parasite test from [www.OurLittleWhiteBarn.com](http://www.OurLittleWhiteBarn.com)

- 2) When the test arrives, follow the directions and send it back to Candice Bradstreet
- 3) When you receive your test results, order your choice of homeopathic cleanse from options below and order frequency device of your choosing from options below. Part of your test results will recommend certain program codes for your specific parasites which you can obtain from various options mentioned below.
- 4) Do not rent any machines. The cost of renting far outweighs the cost of owning and using for your entire family for life. Candice sells the Rife machine in her group it's totally fine to buy one but there are less expensive options. Contact Sherri and get a Healy (it's less costly in the long run) and ask Sherri for help with getting the Rife program codes onto your Healy...or...follow the exact steps on the website below. I'll put a comparison between Rife and Healy down below in APPENDIX A at the very end of this document.

This website **walks you through the entire process for Healy Frequencies** from buying, installing, ordering any custom parasite program(s) and running your first program:

<https://frequencyexperience.weebly.com/parasites.html>

- 5) Complete the homeopathic products (of your choosing listed below) over the next 10 weeks and run your custom parasite frequency programs 5-7 times a week. Daily is best.
- 6) Test again after completing your protocol. If you are clear, you are done. If not, repeat the process until you are done.
- 7) After testing clear, it is recommended that you test again every 6 months (or at least annually) and follow the Homeopathic/Frequency protocol as needed...FOR LIFE. (Another good reason to own a Healy...through Sherri...rather than renting a machine over and over). You'll continue to be exposed to parasites and may have to battle them (easily) many times in the future. And Healy does bio-feedback which is HUGE. I describe this in Appendix A at the end as well.

## 1) Parasite Testing

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- 1) Bio-Feedback Parasite Test (Blood Test by finger prick at home, mailed in)
- 2) Stool tests from your doctor are often not reliable due to the life cycles of eggs, larvae, and adults.
- 3) If you prefer more of a traditional medical test, I have a practitioner friend that can hook you up with GIMAP testing for \$350 with a free initial consultation. This more expensive test could be used as a follow-up test later or if you are fighting a scary c-word and just want to be sure of everything. Contact me for Dawn Thain's info.

The test below is a bio-feedback type test and is \$135. The doctor that Candice Bradstreet works with for the test uses custom made equipment. It uses energy and bioresonance as the detector. I don't understand it and can't explain it.

<https://ourlittlewhitebarn.com/shop-1/p/bioresonance-parasite-testing-rife-frequency-protocol>

What is tested in the Parasite Blood Test?

Parasites (specific types)

Mold

Yeast

Candida

Staph (many different forms)

Strep (many different forms)

Herpes

Bacteria

Lyme

Babesia

Bartonella

Dermatitis

Eczema

Viruses (if you ask for it specifically when you send in the blood swab)

and a few more 😊

The blood test kit will be sent out to you upon payment. You then return to Candice when complete. It is a finger poke not a lab draw. The kit contains the lancet, swab, and sterile return package. You can conveniently do it in your home. You may want to have extra lancets on hand if you require several pokes to your finger. I bought a box full at my local pharmacy.

Once Candice sends you your results reach out to me and I can help you but much of what you will need is detailed below.

## 2) HOMEOPATHIC CLEANSE

Best Option:

*Rogers Hood: Parasite Cleanse (NEW FOR 2024)*

Words cannot explain how EXCITED I am about partnering with this company! They are very well known and went viral on Tik Tok for how effective their products are. They also have products for mold!

Rogers Hood Apothecary is a leader in the industry regarding parasite cleansing and tinctures. They have sent me their ParaFy kit and I will be doing it to share my experiences with you.

AND they have a NUT FREE version which makes me so happy!!

Use my link to check them out and order! Use LWB at checkout for 10% off!

<https://www.rogershood.com/?coupon=lwb>

Second Best Option:

<https://humaworm.com/product/humaworm-parasite-cleanse/>

### 3) Target with Frequencies

I have a much more cost effective option!

I recommend the frequency device that I use (and sell). And I will personally help you with it. The entry price is about \$500 for the simplest device and you can add custom programs geared to your test results for a one time price of \$40 each. Often one program will handle 2 or more specific parasites. Again...I help you with all that.

To see the current prices (with any current promotions) you can visit

<http://www.FrequencyWellnessShop.com>

This website below has short videos that **walk you through the entire process** from buying, installing, ordering any custom parasite program(s) and running your first program:

<https://frequencyexperience.weebly.com/parasites.html>

Many of the videos on this page above are very short and it would be worth your time to watch them all.

If you just want to battle parasites, all you need is the roughly \$500 Healy device plus at least one custom program at \$40...all one time fees and then you are an owner not a renter.

To learn more about the device in detail watch this recording where I teach about it:

<https://youtu.be/ZcEvDQsA0g>

When you own your Healy device and are done fighting parasites you'll have something you keep and use for life that can restore health and wellness unlike anything else. **It's what I used to help restore my health after being so sick for 17+ years!**

Another story....

My husband got tested as well. Candice performed the test but she didn't know anything about Mark. He came back positive for Schistosoma parasites and guess what...they are known to cause bladder cancer.

He had stage 4 bladder cancer in 1997 and several times after that.

This helps me to believe the bio-feedback test is pretty reliable.

A final word about parasites. They really like to hide. You may test positive for only a few, target them, test again and find you have others. You'll tackle them the same way until you are totally free. I'm thankful I only had 2 and am now clear but I will continue to test every six months as I focus on prevention not treatment. I think I am worth it...and I believe you are too.

There is sooooo much research out there about the connection between parasites and many many diseases and this could be just the thing that will set you out on your Healing journey and where you just might be fully restored.

## Parasite Drugs

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From Candice

Anti Parasitics & What They Target:

Before I detail out the anti parasitic and the parasites they target I want to make sure something is understood-

First: Taking Ivermectin does NOT kill all parasites. It is not a medication that kills every parasite.

Second- there is no reason you should be taking it every day. None. It is hard on the liver and will increase liver enzymes.

Third - if you take anti parasitic daily you are increasing the chance of the parasites becoming resistant to the medication.

Fourth: If you keep your gut in good balance and eat well and take herbs specific that help keep infestation away you should only need to "de-worm" every six months. So this may include starting with a couple cleanses, cleaning up diet and moving forward.

Fenbendazole: Treats flatworms, flukes (trematodes), tapeworms and roundworms.

Ivermectin: Treats roundworms, threadworms, ascariasis, cutaneous larva, filariase, gnathostomiasis and trichuriasis. Also scabies

Tindamax: Treats trichomoniasis (STD), giardiasis and amebiasis.

Albendazole: Treats roundworms, hookworm, threadworm, whipworm, pinworm and flukes. Green Beret GO-TO when working in countries with Ebola and Marburg. Good to know for the fall of 2023.

Praziquantel: Treats schistosoma worms (blood flukes) and flatworms.

Mebendazole: Treats intestinal worms such as pinworm, roundworm and hookworm.

\*\*\*Menben causes apoptosis (cell death) in adult T-Cell leukemia and lymphoma and has been used to help cure pancreatic cancer. It keeps the worms from absorbing sugar so it loses its energy and dies - sounds like "cancer" doesn't it??\*\*

Lymph Flukes: Diethylcarbamazine (DEC) is the drug of choice in the United States. The drug kills the microfilariae and some of the adult worms. DEC has been used world-wide for more than 50 years.

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*Parasites Are Not Detected In Stool or Blood:*

Awesome video explaining why parasites are NOT detected in stool or in blood - they burrow DEEP into the tissues such as the lining of the colon, bladder, ovaries, pancreas, fallopian tubes, uterus, spleen, liver, lungs and brain.

Do you see the connection to cancer?? Those organs are all diagnosed as "cancer".

**NOW CAN YOU SEE WHY MANY HAVE CONNECTED "CANCER" TO BEING PARASITE MANIFESTATIONS?**

With that being said, I have heard that some of the medications he mentions can cause serious symptoms in certain individuals. Praziquantel is one that has some serious side effects and some people are allergic to it.

This is why I love frequency therapy! It will kill them at a cellular level no matter where they are hiding! You eliminate the possibility of "chasing" them elsewhere!

<https://www.tiktok.com/@drthoma.../video/7244653043239734571>

No tiktok account needed to view video.

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Place to order meds without prescription:

<https://www.PharmacyDelivers.com>

Sherri ordered to test the process. Just be aware it takes nearly a month to complete the order process and I believe it ships from India. Ordered May 22, 2023. Order is shipping 6/12. Received 6/25.

You can order meds without prescriptions from <https://www.AllDayChemist.com> (I have ordered several times from them).

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## Dr Lodi Protocol

Dr. Lodi Parasite Protocol:

The following information is what I have learned from Dr Lodi (oncologist who has made the connection between parasites and cancer) and I also have been discussing this with Dr. Christian Bognar, a dear friend who treats children with autism.

He has done this protocol and states that he has more energy and clarity.

While I have never been one to advocate "medicines" I will say that this seems to be a good approach to getting rid of parasites, especially for those who cannot use a frequency device such as the Rife or Healy.

Also, Dr. Lodi discusses how it is the **egg worms** that cause serious issues as they burrow themselves deep into tissues, organs and other areas of the body. Those are harder to get with herbal protocols and parasite cleanses.

So, if you will, I look at this as "wiping the slate clean", so to speak, and then continue using great herbal protocols, frequency machines and cleanses.

Frequency has the ability to get deeper than other protocols.

On my next post, so this one isn't incredibly long, I will post what each medicine does and where to purchase it.

**For those that do not have cancer, I would suggest only doing this for seven days and I would start it two days before a full moon. If you want to continue longer I would not do it longer than three weeks.**

Those with cancer would need to do this longer. For example, I would have my patient do this for three weeks on, take a week off and then continue. I would test them after their second round to see if there are any parasites left.

Each medicine has their own unique mechanism of how it deals with the parasite it targets.

Protocol:

I personally dissolve my anti parasitics in water first and then drink it. This allows them to be much more readily available and absorbable.

**Praziquantel:**

330 mg Take two capsules TID (3 times a day)

**Ivermectin:**

12 mg Take 1 tablet BID ( 2 times a day)

**Tinidazole:**

550 mg Take 1 capsule QD (once a day)

**Albendazole:**

400 mg Take 1 tablet BID (twice a day)

**Niclosamide (available through Candice)**

500 mg. tablet Take 4 tablets QD (once a day)

Niclosamide tablets should be thoroughly chewed or crushed and then swallowed with a small amount of water.

**\*\*\* Dr. Lodi does use DMSA (for the heavy metals) and also Nystatin for candida and fungal issues. I will leave this at your discretion. I am not a doctor and I also do not know your medical history) Both are prescriptions.**

**Disclaimer: This is not medical advice and before you do any type of protocol you should seek advice from your medical doctor.**

Niclosamide Ordering (from Candice Bradstreet)

I will be putting in a bulk order for Niclosamide. The source I use is out of Lithuania. This is one of the anti parasitics that Dr. Lodi recommends.

The regular price is 88.00 plus shipping from Lithuania. I am selling it for 75.00 plus shipping. You can order here: <https://ourlittlewhitebarn.com/shop-1/p/niclosamide-500-mg>

Niclosamide is commonly used as an anti parasitic, however, it has also been found to be effective against the SARS 2- COV 2, and also systemic diseases and also cancer. Medical papers are below.

- Niclosamide is an oral antihelminthic drug used to treat parasitic infections.
- Niclosamide is a multifunctional drug inhibiting multiple signaling pathways and biological processes.
- Niclosamide has biological activities potentially against systemic diseases.

[Niclosamide can be ordered through Candice.](#)

## B17

Why Does B17 Appear to Work For Cancer?

Again it goes back to PARASITES!

B17 contains cyanide. How does this affect parasites ?

Cyanide blocks respiration and it quickly paralyzes them.

## Parasites/Lyme

*DesBio Lyme/Parasite Protocol:*

As I had stated a few days ago that parasites are a root to Lyme disease, I just finished a doctors training webinar with DesBio discussing Lyme protocols, in which this was confirmed.

In their cases of Lyme patients, all of them ***did not have healing until their parasitic infestation was taken care of.*** And all of the patients had parasites along with many co infections as well.

Parasites become embedded into our muscles and our organs and hide for many, many years.

Some patients who have Lyme, it burrows so deep within them that the symptoms do not appear until many years later. Others it is immediate. Everyone is different and has different co infections.



Babesia, also called Nuttallia, is an apicomplexan parasite that infects red blood cells and is transmitted by ticks and Borrelia is a genus of bacteria of the spirochete phylum.

Des Bio has an incredible Symptom Series Relief Protocols for many, many conditions.

These protocols are not used to kill, kill, kill - they are used to retrain the immune system to get out of dis-regulation and into balancing the entire body.

## Melatonin

Why Does Melatonin Appear to Help With Cancer ?

Again it goes back to PARASITES!

“Due to the antioxidant and immunomodulatory effects of melatonin, it is suggested that this molecule could be a therapeutic alternative agent to fight bacterial, viral, and parasitic infections, by a several mechanisms”

<https://oatext.com/the-role-of-melatonin-in-modulating-parasite-infections.php> (PDF)

## References

This section grows weekly.

Some interesting stuff about parasites and tumors:

<https://www.youtube.com/watch?v=70yyHUzq-sU>

<https://www.cdc.gov/media/releases/2015/p1104-parasite-tumors.html>

<https://www.medwirenews.com/oncology/parasite-lumps-mimic-breast-cancer/155022>

<https://parasitesinsideme.com/>

<https://rumble.com/v1owcgh-parasites-a-new-paradigm.html>

<https://www.facebook.com/watch/?v=794292035670251>

Parasites & Cancer:

I have a folder labeled Cancer and Parasites - below are the medical papers I have accumulated that I am sharing for everyone here. This isn't all of them but some to give you an idea.

The correlation is astounding- this is why parasite testing and cleansing should be part of everyone's health routine at least once a year.

This is all easily found in medical papers, CDC website, American Cancer Society and many more.

This also means diagnosis such as pancreatitis, appendicitis, IBS, Crohn's, MS, Lupus, Diverticulitis, cholecystitis (gall bladder) and many more are connected to parasites.

They are the root. They work hand in hand with bacteria, fungus and mold.

### *Parasites Mistaken for Cancer:*

Can malignant transformation of parasite cells cause neoplasms in an immunosuppressed host? New research findings are summarized in this new Quick Take video.

<https://www.youtube.com/watch?v=xTgUvxBMpUA&t=72s>

(Sherri has downloaded copy of this video above)

Woman relieved after 'brain tumor' turns out to be parasite

<https://www.youtube.com/watch?v=ClGE3tralKY>

### **CDC researchers link cancer cells from parasite to human tumors (PDF)**

<https://www.cdc.gov/media/releases/2015/p1104-parasite-tumors.html>

Hallmarks of Cancer: Where do Parasites fit in? (PDF)

<https://ecrcommunity.plos.org/2013/11/08/hallmarks-of-cancer-where-do-parasites-fit-in/>

Actinomyces of the Common Bile Duct Diagnosed by Endoscopic Ultrasound Fine-Needle Aspiration (PDF)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3033543/>

Albendazole and Mebendazole as Anti-Parasitic and Anti-Cancer Agents: an Update (PDF)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8255490/>

Bile Duct Cancer and Parasites (PDF)

<https://phys.org/news/2014-07-scientists-code-cancer-causing-parasite.html>

Use of Anti-Parasitic for Pancreatic Cancer (PDF)

<https://www.healthing.ca/diseases-and-conditions/cancer/pancreatic-cancer/pancreatic-cancer-anti-parasitic-drug>

Listing of Parasites that cause cancer (PDF)

[https://en.m.wikipedia.org/wiki/Carcinogenic\\_parasite#:~:text=Among%20protozoan%20parasites%2C%20Toxoplasma%20gondii,directly%20or%20indirectly%20cause%20cancer](https://en.m.wikipedia.org/wiki/Carcinogenic_parasite#:~:text=Among%20protozoan%20parasites%2C%20Toxoplasma%20gondii,directly%20or%20indirectly%20cause%20cancer)

Parasites that lead to cancer (PDF)

<https://www.cancer.org/cancer/risk-prevention/infections/infections-that-can-lead-to-cancer/parasites.html>

<https://drleemerritt.com/uploads/PARASITES.pdf>

Urinary schistosomiasis and the associated bladder cancer: update (PDF)

<https://pubmed.ncbi.nlm.nih.gov/33252773/>

Parasite and colon cancer (PDF)

<https://www.cdc.gov/media/releases/2015/p1104-parasite-tumors.html>

Parasite lumps mimic breast cancer (From Way Back Machine) (PDF)

<http://web.archive.org/web/20220703060307/https://www.medwirenews.com/oncology/parasite-lumps-mimic-breast-cancer/155022>

The article above is titled parasite-lumps-mimic-breast-cancer.

More of Sherri's story: I recently completed a parasite cleanse (with homeopathics and frequencies). Prior to that my last ultrasound said I was full of "harmless" cysts. No wonder the girls hurt so bad ALL the time! After doing the cleanse they just feel smaller and they don't hurt anymore at all (ever)!

It's very interesting to me as well that about 20 years ago, I sprayed our back yard with beneficial nematodes to stop fleas and ticks and I remember getting the solution on my hand and I literally felt like something was digging in me to get in.

Pancreatitis which leads to pancreatic cancer (PDF)

<https://pubmed.ncbi.nlm.nih.gov/6530710/#:~:text=Nine%20cases%20of%20acute%20pancreatitis%20due%20to%20parasites,for%20operation%20were%20worsening%20pancreatitis%2C%20sepsis%20or%20cholangitis>

"We were amazed when we found this new type of disease – tapeworms growing inside a person essentially getting cancer that spreads to the person, causing tumors," said Atis Muehlenbachs, M.D., Ph.D., staff pathologist in CDC's Infectious Diseases Pathology Branch (IDPB) and lead author of the study.

(PDF)

<https://www.cdc.gov/media/releases/2015/p1104-parasite-tumors.html>

Parasite Infection, Carcinogenesis and Human Malignancy (PDF)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5233816/>

How a Liver Fluke causes Cancer (PDF)

<https://www.smithsonianmag.com/science-nature/how-a-liver-fluke-causes-cancer-18173277/>

Is There a Connection Between Gallbladder and Kidney Stones and Parasites?

It appears there is. This is from a really great website that I have used for many years now. They provide alternative products for cancer, parasites, immunity and the list goes on and on. This is from their site and their experience with their clients when using their parasite cleanses:

"For reasons that are not entirely clear to us, stones appear to be the constant and abiding companions of those who have flukes. The vast majority of stones are expelled as very small objects - difficult to notice, let alone identify - but among those who suffer from advanced degenerative diseases, the results from the stool samples are too big not to notice after a thorough parasite cleanse"

*Flukes - Baby Fluke & Blood Fluke:*

**Please read on how these parasites can affect the central nervous system (CNS) and can enter into the vascular system.**

"The three most important subspecies, i.e., *S. mansoni*, *S. haematobium* and *S. japonicum*, show differences in the spread of their schistomula, released into the vascular system after invasion through the skin, in the definite host.

"After initially residing in the lung, they spread either via the bloodstream or directly through the diaphragm into the intrahepatic branches of the portal vein, where they mature into schistosomes, mate, and migrate into the inferior mesenteric vein (*S. mansoni* and *S. japonicum*) or venules in the pelvic plexus (*S. haematobium*) (Faust, 1948).

At these locations the worms lay eggs which can be excreted in the feces or the urine. **However, eggs may also spread to the CNS by the bloodstream as emboli, which can be sparse and randomly distributed, via previously developed shunts or anastomoses from veins to arteries.**

They may also reach the epidural venous plexus around the spinal cord through retrograde flow in the venules. The eggs are deposited as emboli to the cerebral vessels (Fig. 2.1A) and secrete antigens such as glycans and glycoproteins that elicit an immune response leading to granuloma formation (Schramm and Haas, 2010).

The eggs of *S. mansoni* and *S. haematobium* may be retained in vessels at a lower spinal level, while the smaller and rounder *S. japonicum* eggs (70 to 100 µm in length and 40 to 70 µm in width) can reach the brain, and typically target the cerebral cortex, basal ganglia, and cerebral white matter (Ross et al., 2012)."

<https://www.sciencedirect.com/.../agricultur.../blood-flukes>

Sherri has copies of all these saved as PDF files in case they are pulled from the internet. Ask for a zip file via email.

NOTE to Sherri: C:\Users\SKirklin\Documents\Health2023\Parasites\ReferencePDFs

Do parasites cause breast cancer? Parasitic infection of the breast, though uncommon, is not rare. Presence of cysticercosis, filarial worms, and schistosomiasis have been reported.

Get tested please. Make sure to find a test that is reliable.

Candice Bradstreet has Bio-feedback testing available:

[www.ourlittlewhitebarn.com](http://www.ourlittlewhitebarn.com)

After diagnosis and suggestions, follow up for replacement to Rife therapy with Sherri Kirklin. Healy is more cost effective than Rife rental.

This website walks you through the entire process from buying, installing, ordering any custom parasite program(s) and running your first program:

<https://frequencyexperience.weebly.com/parasites.html>

#### Other notes about testing:

I wanted to clarify and explain something that one of my dear friends had pointed out I had posted last week the video of the doctor who explained most parasites cannot be detected with blood labs or in stool.

She messaged me saying that it may have left some confused as to how and why my blood testing can detect parasites when I had said you cannot detect them in the blood. She made a good point so here I am to explain 😊

The blood tests I am referring to are the typical lab blood draws.

They do not recognize that every living thing has energy. They are hoping to find some type of physical parasite or the antigens of parasites.

Well, if you remember, the doctor explained how parasites hide themselves in muscles, joints, tissues and organs. So if they are hiding they lab result will not "show" parasites, not to mention there are so many other variables regarding when it's best to test for parasites, etc...

As crazy as this sounds, I remember when I was working at the autism center with Jeff, in order to find out if children had pinworms, doctors suggested putting tape on the anus of their little ones at night time and in the morning if they had pinworms they would be on the tape due to pinworms exiting through the rectum.

This was suggested due to the lab tests not being able to properly detect. Bioresonance/energy testing is testing based upon energy. That is how and why I am able to detect parasites. ❤️  
I hope that clears this up 😊

### Other stuff

#### *RSO & It's Medicinal Properties for treating Cancer:*

I have posted multiple articles in this group regarding how Rick Simpson Oil (cannabis that is very high THC) has not only helped heal cancer and cannabis also does kill parasites.

Here is a great resource to purchase RSO, suppositories, and tinctures. We used RSO for my husband during his cancer.

<https://fopa.us.xyz>

You will need to type in : Fenben (the F has to be capital)

### Hookworm

#### Hookworm

Once larvae enter the body, they move through the bloodstream to the lungs. The larvae pass into the air spaces of the lungs and move up the respiratory tract. They are coughed up into the throat and swallowed.

The larvae lives in sand (beaches) soil and contaminated water or food.

About a week after penetrating the skin, they reach the intestine. Once inside the intestine, the larvae develop into adults.

They attach themselves by their mouth to the lining of the upper small intestine, where they feed on blood and produce substances that keep blood from clotting.

As a result, blood is lost, and anemia may develop.

Eosinophilia is often present in people infected with hookworms.

Eosinophilia is a higher than normal number of eosinophils, which are a type of disease-fighting white blood cell that play an important role in the body's response to allergic reactions, asthma, and infection with parasitic worms (helminths).

\*\*\*Eosinophilia - a high count is also related to "cancer". \*\*\*

So could it be that when people go in to see their doctor that if they have hookworms (but doctor doesn't test) , anemia, high Eosinophilia count, and weight loss that they could be misdiagnosed for cancer if the doctor never checks for parasites? The labs could indicate that if parasite infection isn't looked at.

*Shared by Candice Bradstreet:*

*Hydatid Cysts: Mistaken as "Tumors"?*

Part of what I love about my job is that I am constantly learning.

I am always learning due to my amazing clients. Some come to me with issues that I need to go into deeper research for, sometimes I stumble upon new findings that help me to hopefully pass on and to help others. It's a beautiful thing. ❤️

I am working with a beautiful lady who unfortunately is battling cancer. She is currently having a lung issue as well and had removal of tumor. Her coughing and breathing hasn't really gone back to normal.

When I had done her biofeedback testing, **hydatid cysts** were positive. This was prior to me knowing the full details of her condition.

She has a "cyst" on her liver - that confirms why hydatid cyst was positive.

Hydatid cysts are due to **Echinococcinum**.

Echinococcinum is a Disease of tapeworms. The two main types of the disease are cystic echinococcosis and alveolar echinococcosis.

I have developed her Rife protocol for her in hopes to take care of the cyst along with staph which she was also positive for.

**Dr. Rife mentions that in almost all of the cases of cancer he had seen that the patient also had:**

**Staphylococcus**

**Streptococcus**

**Streptothrix**

**Actinomycosis**

I have to agree with this as I experienced this with my husband and his cancer that he had.

*This is why anti parasitics help to heal cancer - because at the root it is parasites!*

<https://en.wikipedia.org/wiki/Echinococcosis>

Tippens Protocol

Fenben Kills Cancer:

This is a short clip of Joe Tippens who used Fenben to cure his stage four cancer. Doctors sent him home to die

[https://www.tiktok.com/@the\\_matrix\\_killer/video/7241615182504480046?\\_op=1&\\_r=1&\\_t=8d877U6245L](https://www.tiktok.com/@the_matrix_killer/video/7241615182504480046?_op=1&_r=1&_t=8d877U6245L)

Short clip explaining how he came about Fenben - worth the quick listen.  
A veterinarian learned in her lab how Fenben could kill cancer.  
His protocol is known as the Joe Tippens protocol. His website is : mycancerstoryrocks  
To order Fenben in tablet form here is a great place who supports the protocol:  
<https://thehappyhealingstore.com/>

### **Another resource related to the Metabolic Theory of Cancer but not parasite related**

**This is my current “deep dive” into the science but I have known of the Metabolic Theory of Cancer for over 20 years. This book is just helping me see the connection to cellular metabolism (mitochondrial energy production) and possibly every other disease. The book below is a VERY EASY READ.**

**And...I’m building a new PDF that I can share too. Just ask me for it.**

The Ultimate Guide to Methylene Blue, Mark Sloan

Before using methylene blue, it’s critically important that you get this blood test and if your numbers are low, you should not use methylene blue. That’s why I share the book name with this info below because the book doesn’t mention this test but other people that I follow do mention it.

AnyLabTestNow.com

Test: G6PD ( Glucose-6-phosphate dehydrogenase)  
Normal range is 6.75–11.95 for adults.  
Test should be about \$99

People with low numbers should not use MB or high dose vitamin c (red blood cells can explode and you can die)

I have another contact that can order this test for you for \$9 after you have an initial free consultation with her. Contact me for Dawn Thain’s info.

*Castor Oil & Parasites:*

Castor oil suffocates parasites when taken internally and it also is an amazing penetrating oil for colon plaque.



When taken in capsules that have been **frozen**, the oil will pass through the stomach and small intestine BEFORE dissolving. This will eliminate the cramping associated with taking castor oil internally because the capsule will dissolve in the ileum and it will not act as a laxative.

**The digestive tract hydrolizes the oil into ricinoleic acid which is harmless to humans but deadly to parasites.**

The ileum connects to the cecum by way of the ileocecal valve. The majority of parasites of all kinds will nest in the cecum area (the lower end of the ascending colon where the large bowel begins)

This area is warm and moist which provides a plentiful source of fresh food for parasites.

**\*\*If you are going to encapsulate your own castor oil I would suggest using capsule size "1" as this holds 500 mg. This would be easier to keep track of dosing and starting out with a small amount.**

I would recommend taking three times a day. **Remember to take FROZEN capsules**

*Diverticulitis is Due to Parasites:*

So far, I have been able to find article after article showing that parasites cause SO MANY "illnesses" and "diagnosis" such as Diverticulitis

**"When one of more of the sac-like protrusions or pouches or "diverticula" filled with old fecal matter and various pathological micro-organisms (viruses, worms, parasites, yeast, mold, bacteria, etc) become infected and is diagnosed as diverticulitis"**

The video below is off a colonoscopy:

<https://www.youtube.com/watch?v=rX9T221-frA>

A female Trichuris has been found in the cecum that is the normal habitat of this worms. Trichuriasis is an intestinal infection found in human beings which is caused by Trichuris trichiura, more commonly known as whipworm because of its whip-like appearance. It is characterized by the invasion of the colonic mucosa by the adult Trichuris and produces minor inflammatory changes at the sites

*Parasite Causing A Bile Duct Obstruction!*

How many have been mis-diagnosed and how many have died due to the neglect of doctors not looking for parasites?

Listen to what this doctor explains and says. It is very interesting.

They are putting a stint in which will allow the obstruction to be released and they are treating with antiparasitic medicine.

Parasites invade every organ in your body. They cause "disease" that is diagnosed as various things when in reality it boils down to parasites being the problem!

<https://www.youtube.com/watch?v=Y3pKoi6JIDQ>

### *Parasites ARE Cancer!!!*

For me, this is great news because this should take the FEAR out of everyone! Cancer isn't some "mystery" like they want us to believe.

Also, are you seeing now how they like to BLAME to person by saying:

- eat better
- stop drinking
- stop smoking
- exercise
- it is genetic

***While I agree with eating well, not drinking, not smoking and exercising I am telling you that I know people who did "it all right and perfect" and still died of cancer because they NEVER addressed their parasites.***

This is why I am saying frequency therapy machines are not expensive and the best investment you will ever make.

Please hear me when I say this that I am not being accusatory or trying to judge: If you can save up for vacation, or buy starbucks daily you can save up for a frequency therapy machine 😊

And that machine will pay for itself over and over and over.

From the article:

**"Unfortunately, their eggs still cause trouble for us, since they can burrow into our organs, typically the liver, and turn into self-sustaining parasitic growths, becoming a sort of external tumor."**

"A cancer-like parasitic disease caused by certain tapeworms has squirmed its way into North America, researchers in Canada warn. Their recent review shows that cases of the still very rare disease have started to rise in the province of Alberta and elsewhere over the past few years, in both humans and animals. They also present evidence that these parasites were likely brought over by dogs from Europe and have now definitely made a new home here.

The disease is called [alveolar echinococcosis](#) (AE) and is caused by infection from the tapeworm *Echinococcus multilocularis*. These worms can infect several species of mammals, but their definitive hosts (hosts for their adult and sexually reproductive stage of life) are wild canines and domestic dogs. People are usually infected through the ingestion of microscopic eggs from eating contaminated food or handling other infected animals, and we then become a dead end for the tapeworm."

<https://gizmodo.com/a-rare-cancer-like-parasite-is-emerging-in-north-ameri-1847148205?fbclid=IwAR0CxtZRmWZOjR45eOBQC-oWFqixUflipxQwrPjpX0lZ5taZamMWBD21D8E>

NEED TO GET PDF SHERRI

Parasites Are Not Just A Third World Problem!

### **Warning! Graphic Video**

Ascaris Lumbricoids

Transmission occurs from soil, unwashed fruits and vegetables grown in contaminated soil, eating under cooked pork.

A mass of worms can block your intestines and cause a hole in the appendix and/or intestine causing appendicitis, internal bleeding and blockages.

"Ascaris lumbricoides is one of the most common parasitic infestations of the gastrointestinal tract worldwide. During the intestinal phase of the disease, the adult worms usually remain clinically silent, sometimes causing a variety of non-specific abdominal symptoms.

When present in large numbers, the worms may get intertwined into a bolus, causing intestinal obstruction, volvulus or even perforation.

Occasionally, the adult Ascaris worm may migrate into the "Vater's Ampulla" and enter the bile duct, gall bladder or pancreatic duct, leading to a variety of complications such as biliary colic, gallstone formation, cholecystitis, pyogenic cholangitis, liver abscess and pancreatitis. Imaging plays a significant role in showing the presence of worms and possible complications in intestinal as well as hepatobiliary ascariasis."

Causes intestinal disease. Most do not have symptoms until they become out of control.

<https://youtu.be/k3Cge4BUs-s>

*Parasite Derived Cancer from Parasitic Malignant Cells*

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

*Are Bacteria & Parasites Related?*

In my testing I see a very close relationship between staphylococous bacteria and parasites and many other bacteria's.

It can be like peeling an onion - I like to address what I feel are the root issues first and then continue moving forward.

So, for example, when people test positive for parasites, I address those first due to the harm that they can and do cause. Also, it seems parasites and bacteria almost have a symbiotic relationship with one another.

Heavy metals is another issue as parasites coat themselves in them in order to evade being able to be killed.

"Parasites and bacteria have co-evolved with humankind, and they interact all the time in a myriad of ways. For example, some bacterial infections result from parasite-dwelling bacteria as in the case of Salmonella infection during schistosomiasis. Other bacteria synergize with parasites in the evolution of human disease as in the case of the interplay between Wolbachia endosymbiont bacteria and filarial nematodes as well as the interaction between Gram-negative bacteria and Schistosoma haematobium in the pathogenesis of urinary bladder cancer. Moreover, secondary bacterial infections may complicate several parasitic diseases such as visceral leishmaniasis and malaria, due to immunosuppression of the host during parasitic infections. Also, bacteria may colonize the parasitic lesions; for example, hydatid cysts and skin lesions of ectoparasites." <https://pubmed.ncbi.nlm.nih.gov/32748037/>

Parasites and bacteria are two different types of organisms.

A parasitic relationship is one in which the bacteria benefit while the host is harmed.

Pathogenic parasites, which cause disease, do so by resisting the host's defenses and growing at the expense of the host.

Most pathogenic bacteria are obligate parasites, meaning they are found only in association with their hosts.

Parasites are multicellular organisms, usually visible to the naked eye, and are always pathogens.

Bacteria are unicellular, microscopic organisms which form colonies

**Notice below that a parasitic medication is proven to cure MRSA.**

"The paper, [published in the journal PLoS ONE](#), showed that niclosamide, which is on World Health Organization's [list of essential medicines](#), suppressed the growth of dozens of methicillin-resistant *Staphylococcus aureus* (MRSA) cultures in lab dishes and preserved the lives of nematode worms infected with the superbug. In these tests, both niclosamide and a closely related veterinary parasite drug, oxiclozanide, proved to be as effective (at lower concentrations) as the current last-resort clinical treatment, vancomycin."

Niclosamide, sold under the brand name Niclocide among others, is **an anthelmintic medication used to treat tapeworm infestations, including diphyllbothriasis, hymenolepiasis, and taeniasis**. It is not effective against other worms such as flukes or roundworms.

<https://news.brown.edu/articles/2015/04/mrsaA>

## Fibromyalgia

Can Parasites Cause Fibromyalgia?

**Fibromyalgia** is a medical condition defined by the presence of chronic widespread pain, fatigue, waking unrefreshed, cognitive symptoms lower abdominal pain, cramps and depression.

Other symptoms include [insomnia](#) and general hypersensitivity.

Fibromyalgia is simply a "name" for a bucket list of symptoms just like all diagnosis'. Again, we have to get to the **ROOT**.

For many years we were trained that diet had a direct connection: aspartame, artificial sweeteners, gluten, sugar, casein, MSG, excitotoxins and the list goes on.

However, when you look at the definition above along with it's symptoms it is NOT a far stretch for me to say: parasites cause ALL of those symptoms above and also below in the picture.

Also, given that we know that parasites embed themselves within our muscles and organs and skin and affect our joints, and rob our body of nutrition, I find that parasites are probably the main culprit and then you add diet that only increases inflammation, it seems to be a valid thought.

Again, the parasites are the root and work with bacteria, fungus and other outside sources to create the "**perfect storm**" that then leads into other various diseases and disorders.

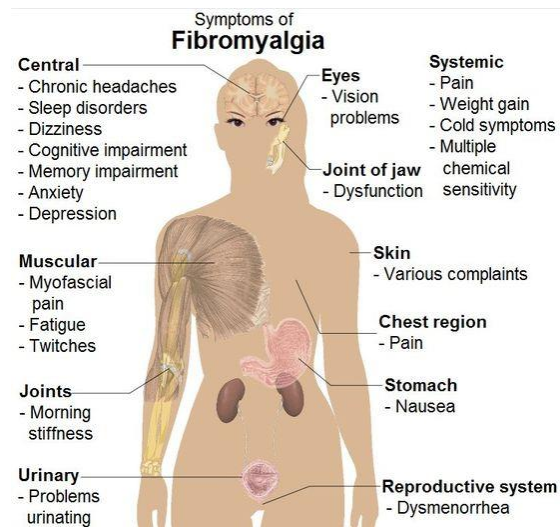
Parasites cause our body to create inflammation in order to protect itself.

But, I am not a doctor, so I look to published medical papers from those that have studied this and have attached what I have found:

<https://pubmed.ncbi.nlm.nih.gov/33745580/>

<https://www.healthrising.org/blog/2021/10/27/fibromyalgia-post-infectious-disease/>

<https://pubmed.ncbi.nlm.nih.gov/34679267/>



Kissing Bug, Heart Failure, Chagas

<https://abc13.com/kissing-bug-blood-sucking-bugs-insects-disease/4067364/>

Florida, Texas, Mississippi, Tennessee, Arkansas, Arizona, and Massachusetts.

## Endometriosis and PCOS

<https://www.hormonesmatter.com/parasites-possible-cause-endometriosis-pcos-chronic-degenerative-illnesses/>

PDF

## Parasites Relationship with Bacteria

“Parasites and bacteria have co-evolved with humankind, and they interact all the time in a myriad of ways. For example, some bacterial infections result from parasite-dwelling bacteria as in the case of Salmonella infection during schistosomiasis. “

<https://pubmed.ncbi.nlm.nih.gov/32748037> (have PDF)

<https://journals.plos.org/plosntds/article?id=10.1371%2Fjournal.pntd.0007247> (have PDF)

## APPENDIX A

Rife/Healy Similarities/Differences

Rife GB4000

- 1) Bio-Feedback not available
- 2) Frequency Generator of all Rife Protocols and ability to create custom protocols
- 3) Delivers through Radio Frequency (RF) or Audio
- 4) Doesn't hurt, hold on to metal rods
- 5) Comes with a book A-Z (diseases and disorders and symptoms)
- 6) Up to 8 Frequencies at once
- 7) Price for Rife GB4000 (About \$2800)
- 8) MOPA plasma tube available for extra price \$4870 to treat while you sleep

Candice sells Rifers now and here are her prices (subject to change)

GB4000 with amplifier: \$2095.00 (reg \$2600-2800.00)

GB4000 with MOPA: \$4440.00 (reg \$4870.00\*\*)

Healy (various models and features)

1) Bio-Feedback available through Healy (and very amazing how it works to get to the root cause). With Rife you get a big A-Z book where you pick a disease name or symptom and look up the protocol number. With Healy, it analyzes your body and tells you what protocols your body needs without you having a label, or diagnosis. And sometimes it can identify things you are NOT EVEN AWARE OF YET.

2) Frequency Generator of all Rife Protocols PLUS all published frequency protocols

from people like Hulda Clark, Nuno Nino, Paul Nogier and many others (Total over 9 million healing frequencies available depending on the model you choose)

3) Delivers through MicroCurrent or Tesla Coil (zero point energy)

Microcurrent supports a healthy cell wall so nutrients can get in toxins can get out

Microcurrent increases cellular energy by increasing the ATP production in the cell by up to 500% (THIS IS HUGE FOR ANYONE WITH AUTOIMMUNE ISSUES)

4) Doesn't hurt, a wearable device, can use it while taking a walk in the woods

5) Comes with access to custom protocols (for about \$40 for each custom protocol) based on A-Z diseases, disorders, and symptoms...if you don't have time to follow bio-feedback advice and just want to quickly target disease or symptom that you struggle with daily. Ask me for the A-Z pdf.

6) One frequency at a time but as each frequency is delivered, it senses your body's need for it and when your body

says it's had enough of that one frequency, then it moves on to the next one. \*See Explanation below

7) Can deliver frequencies through the night for entire family at once with Resonance models

8) Pricing for Healy (About \$500, \$1500, \$4258)...but higher models are often on sale at 35% off (as in June 2023)

Most popular model is about \$1500 retail but on sale in June for under \$1000. Ask me for current sale prices.

The model with everything Healy offers is about \$4000 retail but there are always sales. **Ask me for current sale prices.**

\*In regards to Rife delivering 8 frequencies vs Healy delivering 1. Let's say you pick 8 frequencies for 10 minutes. It might seem that it would take 80 minutes on the Healy but the Healy does bio-feedback as it delivers and it may decide you only need one of the 8 for 20 seconds but you need another one for 25 minutes. It will decide based on your body's needs in the moment how long to deliver them...but yes they do come one at a time

## The Blood Fluke:

I have tested many who have had this parasite.

This article I have below is truly one that everyone should read.

It gives you a different perspective on the seriousness of parasitic infection and how the symptoms are so very similar to what we call "cancer".

I have highlighted some points that jumped out at me:

*S. haematobium* was the first discovery of blood fluke in humans a.k.a urinary blood fluke. A German surgeon named Theodor Bilharz was working in Cairo, identified the blood fluke parasite as a causative agent of urinary infection in 1851.

It is a parasitic flatworm blood fluke responsible for a profoundly huge gathering of contaminations in people named schistosomiasis, which is considered by the World Wellbeing Association as the second-most financially decimating parasitic sickness, with many millions tainted around the world.

Schistosoma blood fluke or flatworm blood fluke or vesical blood fluke are parasitic flatworms that infect various parts of the body, such as blood vessels, gastrointestinal tract, lungs, liver, depending on the species.

Around 221 million individuals are contaminated around the world.

Persistent schistosomiasis results principally from having reactions to eggs held in tissues. Almost immediately, intestinal mucosal ulcerations brought about by **S. Mansoni or S. Japonicum may drain and bring about bleeding loose bowels. As sores progress, central fibrosis, injuries, fistulas, and papillomatous developments may create in the digestive system.** - \*\*\*could colon cancer be a mis-diagnoses due to similar symptoms??\*\*\*

Papillomatous masses in the bladder are normal, and sEggs or adult worms held up in the spinal rope can cause transverse myelitis, and those in the cerebrum can create central injuries and seizures.

Eggs or adult worms held up in the spinal rope can cause **transverse myelitis, and those in the cerebrum can create central injuries and seizures.**

<https://www.vedantu.com/animal/blood-fluke>

## Lymphatic System (Lymph Flukes)

<https://www.coursehero.com/study-guides/microbiology/parasitic-infections-of-the-circulatory-and-lymphatic-systems/> (have PDF)



What is the treatment for lymphatic filariasis? People infected with adult worms can take a yearly dose of medicine, called diethylcarbamazine (DEC), that kills the microscopic worms circulating in the blood.

Diethylcarbamazine (DEC) is the drug of choice in the United States. The drug kills the microfilariae and some of the adult worms. DEC has been used world-wide for more than 50 years.

<https://pharmacydelivers.com/product/hetrazan-100-diethylcarbamazine-100mg/>

<https://www.cdc.gov/parasites/lymphaticfilariasis/treatment.html>

Dosages per CDC (Sherri added the details in yellow/green)

Diethylcarbamazine (DEC) is the drug of choice in the United States. The drug kills the microfilariae and some of the adult worms. DEC has been used world-wide for more than 50 years. Because this infection is rare in the U.S., the drug is no longer approved by the Food and Drug Administration (FDA) and cannot be sold in the U.S. Physicians can obtain the medication from CDC after confirmed positive lab results. CDC gives the physicians the choice between 1 or 12-day treatment of DEC (6 mg/kg/day). One day treatment is generally as effective as the 12-day regimen. DEC is generally well tolerated. Side effects are in general limited and depend on the number of microfilariae in the blood. The most common side effects are dizziness, nausea, fever, headache, or pain in muscles or joints.

DEC should not be administered to patients who may also have **onchocerciasis** as DEC can worsen onchocercal eye disease. In patients with **loiasis**, DEC can cause serious adverse reactions, including encephalopathy and death. The risk and severity of the adverse reactions are related to *Loa loa* microfilarial density.

**Onchocerciasis, also known as river blindness, is a neglected tropical disease caused by the filarial worm Onchocerca volvulus.**

**Loiasis, also known as African eye worm, is an infectious disease caused by the parasitic worm Loa loa.**

In settings where onchocerciasis is present, Ivermectin is the drug of choice to treat LF.


Some studies have shown adult worm killing with treatment with doxycycline (200mg/day for 4–6 weeks).

200 pounds = 90 kg

90 kg (6 mg/kg) = 540 mg per day

A bottle of 30 tabs is 3000 mg at 100mg per tab and costs \$36.00 (\$6.00 + \$30.00 shipping)

The screenshot shows a web browser window with the URL [pharmacydelivers.com/cart/](http://pharmacydelivers.com/cart/). The page title is "Cart".

Product	Price	Qty	Total
 Hetrazan 100 (Diethylcarbamazine 100mg) - 30 Tablets	\$6.00	1	\$6.00

Below the table are links for "Continue Shopping" and "Update Cart".

Under "Coupon apply", there is a text input field "Enter coupon code here..." and an "Apply" button.

On the right, the "Cart totals" section shows:

- Subtotal: \$6.00
- Shipping: Flat rate: \$30.00
- Shipping to CA.
- Change address
- Total: \$36.00

A "Proceed to checkout" button is located at the bottom right.

## TOXOPLASMOSIS & LYMPHOMA

A disease that results from infection with the *Toxoplasma gondii* parasite.

Toxoplasmosis results from infection with a common parasite found in cat feces and contaminated food. It can cause serious complications for pregnant women and people with weakened immune systems.

Common

More than 200,000 US cases per year

Treatable by a medical professional

Spreads in various ways

Requires a medical diagnosis

Lab tests or imaging always required

Medium-term: resolves within months

#### HOW IT SPREADS

By blood products (unclean needles or unscreened blood).

Through contaminated food or water.

By mother to baby by pregnancy, labor, or nursing.

“Further, the cellular pleomorphism of the lymph node infected with *Toxoplasma gondii* may make it difficult to distinguish between lymphoma and toxoplasmosis.”

Did you read that? Toxoplasmosis Gondi may make it difficult to distinguish between lymphoma and toxoplasmosis. This means other cancers could be mistaken for other parasitic infections as well

<https://www.acpjournals.org/doi/10.7326/0003-4819-70-3-517>

Have PDF

## Lungs

*Parasitic Infections look like Lung Cancer and Pleural Effusion:*

#### PRESENTATION

Primary infection is asymptomatic and patients may remain asymptomatic for years, during which time lung lesions may be discovered incidentally on a chest x-ray. In Europe the average patient is in their 30s at diagnosis.<sup>1</sup> Cysts may cause symptoms by compression of adjacent structures, and lung cysts may present with chest pain, cough, haemoptysis or pneumothorax.

Symptoms may also occur if antigenic material is released from the cyst, causing a hypersensitivity reaction with fever, wheeze and urticaria and, rarely, anaphylaxis.

Cysts may become secondarily infected causing empyema or lung abscess formation.

#### IMAGING FEATURES

Cysts can be seen as single or multiple well-defined homogenous lesions surrounded by otherwise normal lung parenchyma on a plain chest x-ray. The lower lobes, posterior lung segments and the right lung are affected most frequently.<sup>2</sup> The cyst wall often calcifies over time. A CT scan of the chest may reveal further diagnostic features including collapse of the laminated membrane from the surrounding host tissue, the presence of daughter cysts and the presence of cyst rupture.<sup>3</sup> Air between the host tissue and laminated membrane of ruptured cysts may produce crescent-shaped lucencies.

A **pleural effusion** or a hydropneumothorax may develop following the rupture of a pulmonary cyst into the pleural space. Collapsed laminated membrane may float in the cyst cavity, producing the ‘water lily’ sign ([figures 1](#) and [2](#)).<sup>3 4</sup>

So, really raw moment here.... I don't believe my husband ever had cancer. They first diagnosed him with pleural effusion and then found "tumors". I knew a lot about parasites but not that they are the root to cancer.

<https://thorax.bmj.com/content/66/6/528>

## ADHD

<https://www.adelaidewellnessclinic.com.au/blog/adhd-emotional-disorder-or-parasite/>

[Aggravation of symptom severity in adult attention-deficit/hyperactivity disorder by latent \*Toxoplasma gondii\* infection: a case-control study \(nature.com\)](#) (pdf)

## Central Nervous System

*Flukes - Baby Fluke & Blood Fluke:*

**Please read on how these parasites can affect the central nervous system (CNS) and can enter into the vascular system.**

"The three most important subspecies, i.e., *S. mansoni*, *S. haematobium* and *S. japonicum*, show differences in the spread of their schistomula, released into the vascular system after invasion through the skin, in the definite host.

"After initially residing in the lung, they spread either via the bloodstream or directly through the diaphragm into the intrahepatic branches of the portal vein, where they mature into schistosomes, mate, and migrate into the inferior mesenteric vein (*S. mansoni* and *S. japonicum*) or venules in the pelvic plexus (*S. haematobium*) (Faust, 1948).

At these locations the worms lay eggs which can be excreted in the feces or the urine. **However, eggs may also spread to the CNS by the bloodstream as emboli, which can be sparse and randomly distributed, via previously developed shunts or anastomoses from veins to arteries.**

They may also reach the epidural venous plexus around the spinal cord through retrograde flow in the venules. The eggs are deposited as emboli to the cerebral vessels (Fig. 2.1A) and secrete antigens such as glycans and glycoproteins that elicit an immune response leading to granuloma formation (Schramm and Haas, 2010).

The eggs of *S. mansoni* and *S. haematobium* may be retained in vessels at a lower spinal level, while the smaller and rounder *S. japonicum* eggs (70 to 100  $\mu\text{m}$  in length and 40 to 70  $\mu\text{m}$  in width) can reach the brain, and typically target the cerebral cortex, basal ganglia, and cerebral white matter (Ross et al., 2012)."

<https://www.sciencedirect.com/topics/agricultural-and-biological-sciences/blood-flukes>

Have PDF