



Freedom
Alliance
island of ireland

Talk Notes.

Dr. Finbar Magee
12th March 2024
Walsh's Hotel, Maghera.

www.faioi.org



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BSc Maths Physics University of Sheffield 1978
MB BCh (QUB - 1985) DCH, DRCOG, DMH
MRCGP - for 25 years
GP Principal Ardoyne Belfast 2 years
British Society of Ecological Medicine
Heavy Metal Toxicology & Chelation Therapy
Ozone Autohaemotherapy
High dose IV Vit C
Bowel Ecology
Nutrient Assessment

PARASITES

- 3.5 billion of the 8 billion of humans carry intestinal parasites
- Causing around 200,000 deaths per year - mostly tropical ,3rd world countries

A parasite is an organism that lives on or in a host organism and gets its food/existence from or at the expense of its host(s).

Virtually - Lives on the backs of others

PIC of Sunak & Starmer –

Not all parasite/host relationships are destructive Oxpeckers and Hippo Pic

3 main classes of parasites cause disease in humans:

Protozoa

- Means “First animal”
- Size – most less than 50 microns many less than 10 microns
Average hair = 100 microns
- One celled organism – free living (in water/food) or parasitic in nature (animals/humans)
- Multiply in humans for survival and allows serious infections from just a single organism.
- Can spread through ingesting cysts (the dormant life stage), sexual transmission, or through insect vectors (insects that transmit diseases through bites or stings).

Several sub-classes

- Sporozoa (intracellular parasites) - Malaria, Toxoplasmosis
- Flagellates (tail-like structures to move) – aka Giardia, Trichomonas
- Amoeba (which move using temporary cell body projections called pseudopods) – Amoebic Dysentery, Entamoeba Histolytica
- Ciliates (which move by beating multiple hair-like structures called cilia) - Balantidiasis is only one known to affect humans

Examples:

- Malaria - Plasmodium - 4 types affect humans
- Giardia – depletes Vitamin A and Liver retinols (cyst to trophozoite)
cyst lives for months
- Toxoplasmosis – (NOT Toxicariasis - is a worm)
- Entamoeba Histolytica – (amoebic dysentery)
- Chagas Disease – via Triatomine Bugs (Kissing Bug bites and contaminates with faeces)

Some but not all, can travel from gut to

- Brain
- Liver
- Lung
- Heart
- Anywhere - Picture keeps changing

Helminths (Worms)

Parasitic worms that can infect humans and other animals.

Size > 1mm – some > 1m

Larvae of worms can travel from gut - all around the body

Three types -

- Flukes (FLOC = flat fish) - 5-100mm - over 10,000 species (pic)
- tapeworms - mostly 100mm - 750mm but
Diphyllobothrium tapeworms are may grow up 15 m in the intestine (pic)
- round worms - 20-35cms - includes pinworms, whipworms, hookworms

Ascaris lumbricoides - biggest roundworm.

- causes **ascariasis**, a “neglected tropical disease,”
- most common helminthic human infections worldwide with an estimated 800 million to 1.2 billion people infected
- more than 60,000 deaths annually - malnutrition, stunted growth
- more than 85% of cases have no symptoms
- worm larvae can travel anywhere - heart, lungs, CNS - even the eye

Fluke:

Liver - most known - 2 main families - can cause cancer of bile ducts/liver

Lung

Heart

Everywhere

Ectoparasites

- Live and feed on host 's skin
- Lice (head & public) and Scabies - very common - usually limited to skin problems but infected sores can be problematic
- Some tropical flies can lay eggs on skin cuts/sores - grow into larvae (maggots) that burrow into skin. Can burrow into brain in the undernourished. Then again can be used to debride wounds!

Commonest Parasitic Diseases Worldwide

1. Malaria - protozoan – bite of female mosquito – 1000/yr in UK 2022 (80% higher than year before)
250 million cases per year world wide (249 million year before) Death rate 600,000 per year
2. Toxoplasmosis – protozoan - raw and undercooked meat; unwashed fruits and vegetables; contaminated water; dust; soil; dirty cat-litter boxes; and outdoor places where cat faeces can be found.
30% of world's population – but great variability
0.6% of UK population per year
50% of UK population been infected by age 50
Note Listeria in soft cheese/unpasteurised milk etc is a bacteria
3. Lice - Ectoparasites
4. Giardiasis - protozoan
5. Pinworms - Helminths
6. Trichomoniasis – one celled protozoan -
7. Cryptosporidiosis – protozoan - water, food, soil or on surfaces or dirty hands that have been contaminated with the feces of humans or animals infected with the parasite.
8. Cyclosporiasis - protozoan
9. Cysticercosis – larvae of tapeworm – can infect brain
10. Strongyloidiasis – larvae - abdominal pain, bloating, heartburn, intermittent episodes of diarrhea and constipation, a dry cough, and skin rashes. Rarely people will develop arthritis, kidney problems, and heart conditions.
11. Tapeworm
12. Roundworm
13. Chaga's Disease via Triatomine bugs- protozoan – heart brain
14. Leishmaniasis – protozoa – from sandflies in 3rd world
15. Schistosomiasis – blood fluke from fresh water snails

COMMONEST PARASITIC DISEASES IN UK/IRELAND

Tapeworms –

- can grow to 50ft long – poor hygiene & undercooked meat
- Weight loss or gain
- Abdominal symptoms or little
- Malnutrition
- Not all tapeworms are “safe” - Taenia solium, - case in Florida – can invade brain/eye – has to be removed alive or go blind

Roundworms

Up to 35cms

Ticks

- Can be infected with bacteria, viruses, or parasites.
- Commonest tick-borne diseases in the United States include: Lyme disease, babesiosis, ehrlichiosis, Rocky Mountain Spotted Fever, anaplasmosis, Southern Tick-Associated Rash Illness, Tick-Borne Relapsing Fever, and tularemia.
- Lyme disease and (Lyme associated infections like Babesiosis) - a spirochete (like syphilis) inside tick – can trigger many diseases – Parkinsons Alz, Motor Neurone Disease – but commonly autoimmune disease fatigue and vague symptoms - Blood test for Lyme – Elispot
- “The EliSpot is highly sensitive and can detect even one single Borrelia burgdorferi-reactive T-cell. With detection levels that can be as low as one cell in 100,000, the EliSpot is one of the most sensitive cellular assays available. The EliSpot is between 20 and 200 times more sensitive than a conventional ELISA.” ARMIN LABS
- If you have MND – and Lyme’s as a trigger then read David Martz – have 20% chance of recovery

Toxoplasma Gondii (protozoan)

- 50% of the worlds population
- Only replicates in cats but dogs can carry it
- Undercooked meat that contain cysts
- MAKES MEN DUMB AND WOMEN PROMISCUOUS, SEXY, CUNNING

"Interestingly, the effect of infection is different between men and women," Dr Boulter writes in the latest issue of *Australasian Science* magazine.

"Infected men have lower IQs, achieve a lower level of education and have shorter attention spans. They are also more likely to break rules and take risks, be more independent, more anti-social, suspicious, jealous and morose, and are deemed less attractive to women.

"On the other hand, infected women tend to be more outgoing, friendly, more promiscuous, and are considered more attractive to men compared with non-infected controls.

"In short, it can make men behave like alley cats and women behave like sex kittens".

Dr Boulter said the recent Czech Republic research was not conclusive, but was backed up by animal studies that found infection also changes the behaviour of mice.

The mice were more likely to take risks that increased their chance of being eaten by cats, which would allow the parasite to continue its life cycle.

Rodents treated with drugs that killed the parasites reversed their behaviour, Dr Boulter said.

Another study showed people who were infected but not showing symptoms were 2.7 times more likely than uninfected people to be involved in a car accident as a driver or pedestrian, while other research has linked the parasite to higher incidences of schizophrenia.

"The increasing body of evidence connecting Toxoplasma infection with changes in personality and mental state, combined with the extremely high incidence of human infection in both developing and developed countries,

warrants increased government funding and research, in particular to find safe and effective treatments or vaccines," Dr Boulter said.

Giardia

Infected water including ice – unless frozen for about 7 weeks
Drinks, salads, swimming pools

AMOEBA – protozoa, Entamoeba Histolytica

BLASTOCYSTIS – protozoa

SYMPTOMS FROM PARASITES

Can be very diverse

- Vague
- Fatigue
- Gastro
- Neurological
- Malnutrition
- Anaemia
- Cancer – flukes and bile ducts, schistosomiasis bladder cancer
- Dumb if a man – cunning/promiscuous if a woman

DIAGNOSIS

- Tricky – Belvoir Park Hospital closed (pic of Belvoir Park Hospital)
- Blood – raised IgE & Eosinophils = suspicious
- Anaemia – worms or any gastrointestinal parasite
- Can have positive antibodies to specific parasites
- Smear blood films - look down microscope
- Skin – pick off and get analysed
- Faeces Parsitology e.g. GI Effects Gut Pathogen Profile
- Urine
- Xrays and Scans – can see worms, cysts, larvae in lungs

Do Parasites always harm?

Some worms can offer protection against inflammation – and round worm therapy is being investigated in several parts of the world. E.g. University of Central Arkansas

- fewer symptoms of multiple sclerosis (MS) Other results suggest
- reduce the symptoms of Irritable Bowel Syndrome (IBS), Crohn's disease, Type 1 diabetes and even arthritis.
- Hookworm - eases Gluten Sensitivity and IBS
- Pig whip worms ease IBS
- Any inflammatory condition?
- A lot starts in the gut!

Parasites and host may reach a symbiotic relationship where both benefits.

Oxpecker on a hippo – pic

Possible Symptoms
GASTRO INTESTINAL

- Abdominal pain
- Diarrhea
- Nausea or vomiting
- Gas or bloating
- Dysentery (loose stools containing blood and mucus)
- Rash or itching around the rectum or vulva
- Stomach pain or tenderness
- Feeling tired
- Weight loss
- Passing a worm in your stool
- Cholangitis – inflammation of bile ducts
- Cholecystitis
- Liver abscesses
- Liver failure
- Liver Cancer

NEUROLOGICAL/BEHAVIOUR

- Depression – Ophidascaris Robersti – a worm that wasn't thought to affect humans
- Seizures
- Strokes
- Paralysis
- Bleeding into brain
- Intracranial hypertension
- Promiscuous / Cunning if female
- Stupid if male
- Risk takers – reckless
- Blindness – e.g. River Blindness a parasitic filarial worm, transmitted by the bite of [blackflies](#) (*Simulium damnosum*) which breed in [fast-flowing](#) rivers. The [larvae](#) of the parasite can migrate into the eye and cause blindness. (Thank you Ivermectin)
- Death

SKIN RASHES

- Itch
- Redness
- Cysts – that move around
- Migratory lesions e.g. Sushi worm – Gnathostomiasis – can also invade brain
- Urticaria

CARDIAC (Protozoa & Heminths)

Although all organs can be affected, the heart and the lungs are the most frequently affected organs either directly or indirectly. It may involve all layers of the heart including pulmonary vasculature, thus producing a wide variety of clinical manifestations, which may present as

- Myocarditis - inflammation of heart muscle
- Pericarditis - thin layer around the heart
- Cardiomyopathy - heart muscle stretches, thickens or becomes stiff
- Endomyocardial fibrosis - inner layer becomes fibrotic
- Pulmonary hypertension - raised blood pressure in the lungs

RESPIRATORY

- Abscesses
- Pneumonitis (inflammation)
- Fibrosis (Strongyloides stercoralis)
- Wheeze/Cough
- Pneumothorax

URINARY TRACT

- Frequency
- Dysuria – pain
- Cystitis
- Discharge
- Kidney pain
- Kidney failure
- Bladder/Kidney Cancer

THE MORE I READ THE MORE I GOT PARANOID!

DRUGS OF INTEREST TO TREAT PARASITES

IVERMECTIN

- Prevents a lot of parasitic disease - even given once every 3-12 months
- 200-400mcg/kg body weight
- Maybe better do 5 day course?
- Remember parasites have cycles - so maybe better to repeat 1 dose in 2 weeks

FENBENDAZOLE

- Mainly for worms ... and Giardia
- 10-20mg/kg body weight/day (70kg = 1400mg) - studies showed 500mg x twice 12 hours apart was better than 1g so if 70kg take around 700mg x twice
- In animals is used up to 50mg/kg/day
- 1 day course
- Maybe repeated in 2 weeks

FENBENDAZOLE FOR CANCER?

- Definitely arousing interest in research world

Fenbendazole For Cancer?



LinkedIn · Tom Rogers, MD

250+ reactions · 9 months ago

ACTIVE CANCER TREATMENT – For active cancer, take one capsule of fenbendazole (444 mg) daily. Some people recommend **you take one day off a week.**

Unexpected Antitumorigenic Effect of Fenbendazole when ...



National Institutes of Health (NIH) (.gov)

<https://www.ncbi.nlm.nih.gov> › articles › PMC2687140

by P Gao · 2008 · Cited by 45 — This study demonstrated that a combination of supplemented vitamins and **fenbendazole** in the diet inhibited growth of a **human** lymphoma cell line in SCID mice, ...
....However, the group supplemented with both vitamins and fenbendazole exhibited significant inhibition of tumor growth. The mechanism for this synergy is unknown and deserves further investigation. Fenbendazole should be used with caution during tumor studies because it may interact with other treatments and confound research results.
(A good multi - e.g. Methyl Multinutrient)

Is It Safe in Those with Cancer? (Joe Tippens Protocol)

Simcoe Naturopathic Clinic

<https://www.simcoenaturopathic.ca> › post › fenbendazole...

12 Sept 2023 — As for research in humans - **there is currently no data available on its safety and effectiveness in those with cancer**. As for animal-based ...

Fenbendazole - an overview | ScienceDirect Topics

ScienceDirect.com

<https://www.sciencedirect.com> › topics › neuroscience

Fenbendazole is dosed at 10–20 mg/kg and **repeated in 2 weeks** (Richardson, 2000). For entire colonies, fenbendazole at 50 ppm for 5 days in the feed has been ...

Drug-Induced Liver Injury in a Patient with Nonsmall Cell ...



Karger Publishers

<https://karger.com> › cro › article › Drug-Induced-Liver...

by T Yamaguchi · 2021 · Cited by 8 — Liver enzyme and CEA levels. Fenbendazole at **1 g per day PO for 3 days, followed by 4 days off**, was repeated by the patient for approximately 1 ...

Fenbendazole for Humans Cancer | Dosage and Clinical ...



LinkedIn · Daria Matej

30+ reactions · 5 months ago

Numerous clinical trials and real-world experiences have shown that fenbendazole is **generally well-tolerated with minimal side effects**. The most ...

Panacur AquaSol, INN-Fenbendazole



European Medicines Agency

<https://www.ema.europa.eu> › variation-report › p...

PDF

15 Jan 2014 — Fenbendazole **seems to be well tolerated in humans after oral exposure**(single oral dose up to 2,000 mg/per person; 500 mg/per person for 10 ...

Fenbendazole acts as a moderate microtubule ...

Nature

<https://www.nature.com> › scientific reports › articles

by N Dogra · 2018 · Cited by 91 — **Fenbendazole** acts as a moderate microtubule destabilizing agent and causes cancer cell death by modulating **multiple** cellular pathways.

As a human, would you consider taking fenbendazole aka ...

Quora

<https://www.quora.com> › As-a-human-would-you-consi...

22 Feb 2020 — Recently, there has been interest in repurposing **Fenbendazole** for potential use in cancer treatment, including pancreatic cancer. Some **people** ...

FENBEN OR MEBENDAZOLE?

- Price - Mebendazole is about 2-3 times price
- Check?
- Mebendazole seems better for brain tumours

Antiparasitic mebendazole shows survival benefit in 2 preclinical models of glioblastoma multiforme

Ren-Yuan Bai, Verena Staedtke, Colette M. Aprhys, Gary L.

Gallia, Gregory J. Riggins

Neuro-Oncology, Volume 13, Issue 9, September 2011, Pages 974–982, <https://doi.org/10.1093/neuonc/nor077>

Published:

15 July 2011

Article history

Maybe be little or nothing to do with parasites!
(From Tom Tom Rogers MD - thanks)

1. Induction of Apoptosis (programmed cell death). This works by cell cycle arrest through the inhibition of microtubules.
2. Inhibition of Glucose uptake in cancer cells. Malignant cells are known to have an enormous glucose uptake. That's why I tell everybody that has cancer to immediately (a) get on a ketogenic diet, and (b) take High Dose Vitamin C. *Note: Cancer cells consume glucose 200 times faster than ordinary cells. If you study cancer you know of the Warburg Effect. This is the aerobic glycolysis effect and it can be seen on PET scans. It's pretty obvious. Fenbendazole limits cancer cell fueling with sugar by limiting this glucose uptake, decreasing the amount of what are called "glute transporters" (canals that take the glucose into cancer cells from the blood). An enzyme called hexokinase 2 is inhibited as well. This is very important. It helps those tumors to not divide rapidly and prevent sugar from getting in there.*
3. Reactivation of the P53 gene. This gene is the strongest tumor suppressor in our bodies. We don't have a lot of it, but fenbendazole really activates this P53 gene that helps decrease spread of cancer. *Note: **Cancer cells do not develop resistance to Fenbendazole** like they can with chemotherapeutic drugs. That means that it can be taken for long periods of time and still remain effective.*

Note: One of the main mechanisms of chemo-resistance in cancer cells is the adaptation of excreting the anti-cancer drugs to the outside via special drug efflux pumps called P-Glycoproteins. Fenbendazole is not a target of these P-Glycoproteins, so it cannot be excreted out of the cancer cells. It's going to stay there and fight the cancer cells.

ALSO

- Antiviral properties
- Antifungal properties
- In some cases reduces resistance to chemo (5-FU)
- Some cancers have parasitic input (liver/bile duct flukes)
- Viruses and fungi play roles in various cancers

FENBENDAZOLE CANCER DOSES

Different protocols

Might take up to 4 months before effect

- 3 days on 4 days off (Joe Tippens original)
- 5 or 6 days per week
- 4 weeks on - 1 week off
- Doses can vary 222mg to 2g
- Monitor blood tests Full Blood Count, Kidney & Liver Function - 2 weeks/ 4 weeks/ 8 weeks then every 2-3 months

Joe Tippens

- **Fenbendazole:** 222 mg - 444mg (or higher depending on activity) per day seven days a week with food.
- **Curcumin:** 600 mg of bio-available (liposomal) curcumin TWICE daily 7 days a week - with food
- **CBD oil:** 25 mg sublingually (under the tongue) seven days a week.
- **Vitamin E** (optional): 400-800mg per day, seven days a week.
- **Quercetin** - (liposomal) around 250mg twice daily - with fatty meal or good oil
- **Berberine** (liposomal) around 250mg - 1500mg twice daily with food

Fin's Add-Ons

- **Milk Thistle Complex (A. Vogel)** - 20 drops twice daily
- **Biocare Nutrisorb Selenium Drops** - 3 drops twice daily
- **Vit D3** - 5-10,000 i.u. (125-250mcg) daily - monitor www.vitamindtest.org.uk (keep levels around 150nmol/l)
- **K2** - 200mcg daily
- **Artemisinin** - liposomal (www.thehappyhealingstore.com) 200mg (1 capsule) twice daily with Quercetin)
- **Diet** - Ketogenic (Warburg effect)
- **Check blood counts** - Full Blood Picture, Kidney & Liver Function - 2 weeks, 6 weeks, every 3 months

And

- **IV Ozone**
- **High Dose IV Vit C**
- **Removal of metals (amalgams) & chelate metals out of body**
- **Bindweed Extract - solid tumours**

- **Correct bowel microbiome - test it!**
- **Borax/Chlorine Dioxide/Turpentine - ? must break down BIOFILM in gut**

IVERMECTIN USE IN CANCER?

- Not the same amount of evidence but
- Some information coming through - especially with combination therapy

[Pharmacol Res.](#) 2021 Jan; 163: 105207.

Published online 2020 Sep 21. doi: [10.1016/j.phrs.2020.105207](https://doi.org/10.1016/j.phrs.2020.105207) **Ivermectin, a potential anticancer drug derived from an antiparasitic drug**

Graphical abstract

Ivermectin has powerful antitumor effects, including the inhibition of proliferation, metastasis, and angiogenic activity, in a variety of cancer cells. This may be related to the regulation of multiple signaling pathways by ivermectin through PAK1 kinase. On the other hand, ivermectin promotes programmed cancer cell death, including apoptosis, autophagy and pyroptosis. Ivermectin induces apoptosis and autophagy is mutually regulated. Interestingly, ivermectin can also inhibit tumor stem cells and reverse multidrug resistance and exerts the optimal effect when used in combination with other chemotherapy drugs.

[Nurs Rep.](#) 2023 Mar; 13(1): 315–326.

Published online 2023 Feb 22

Outcome of Ivermectin in Cancer Treatment: An Experience in Loja-Ecuador

....Although the participants' opinions indicate that they feel improvements in their health after the third dose, the specialist considers that there is no authorization to prescribe these alternative

treatments. In addition, they confirmed that currently, there is no scientific knowledge about the application of these treatments in humans and they do not recommend their application. Thus, the anticancer mechanism of ivermectin remains to be further investigated.

Ivermectin, a potential anticancer drug derived from an ...

ScienceDirect.com

<https://www.sciencedirect.com> › article › abs › pii

by M Tang · 2021 · Cited by 78 — Ivermectin **effectively suppresses the proliferation and metastasis of cancer cells and promotes cancer cell death** at doses that are nontoxic to normal cells.

- Has powerful **antitumor effects, including the inhibition of proliferation, metastasis, and angiogenic activity, in a variety of cancer cells.**
- This may be related to the **regulation of multiple signaling pathways**
- Promotes **programmed cancer cell death**, including apoptosis, autophagy and pyroptosis. Ivermectin induces apoptosis and autophagy is mutually regulated.
- Can also **inhibit tumor stem cells**
- **Reverse multidrug resistance** and exerts the optimal effect when used in combination with other chemotherapy drugs.

Novel drug combo shows promise against triple-negative breast cancer

By [Letisia Marquez](#) Mar. 02, 2021

Led by [Peter P. Lee](#), M.D., Billy and Audrey L. Wilder Professor in Cancer Immunotherapeutics, researchers found that by combining anti-PD1 monoclonal antibodies **and ivermectin**, triple-negative breast cancer could be treated.

First, ivermectin turned “cold tumors,” which have little to no T cells, or immune cells, into “hot tumors,” or tumors with a high number of T cells.

Ivermectin and gemcitabine combination treatment induces apoptosis of pancreatic cancer cells via mitochondrial dysfunction

Front. Pharmacol., 26 August 2022
Sec. Pharmacology of Anti-Cancer Drugs