

Parasites, Allergies and Autism: Paradise Lost in a Parallel Universe

Simon Yu, MD Internal Medicine

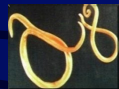
Autism One

Chicago, May 25-26, 2013

◆ We still do not know
what autism is, or to be
more precise what the
'autisms' are.

The Lancet 2010

Autism and ASD



A Medical Hypothesis of Parasite Infection on Autism

Think "Parasites" When the Latest Medical Therapy Failed Paradise Lost in a Parallel Universe

Objective:

- (1) To recognize that parasites are often overlooked common medical problems in Autism/ASD
- (2) New way of detecting parasites by using current technology based on EAV and Acupuncture Meridian Assessment
- (3) How to optimize using herbal and parasite medications
- (4) Prevent from recurrent parasite infections
- (5) Parasite therapy for unexpected: Autism and ASD

Parasites

Parasite comes from the Greek word parasitos and is defined as "a plant or an animal which lives upon or within another at whose expense it obtains some advantage" Generally reserved for animal species of protozoa, helminths, and arthropods.

CDC: A parasite is an organism that lives on or in a host and get its food from or at the expense of its host.

Parasites From A-Z

Zoonotic Hookworm

Zoonotic hookworms are hookworms that live in animals but can be transmitted to humans. Dogs and cats can become infected with several hookworm species, including *Ancylostoma trachea*, *A. caninum*, *A. ceylanicum*, and *Uncinaria stenocephala*. The eggs of these parasites are shed in the feces of infected animals and can end up in the environment, contaminating the ground where the animal defecates. People become infected when the zoonotic hookworm larvae penetrate unprotected skin, especially when walking barefoot or sitting on contaminated soil or sand. This can result in a disease called cutaneous larva migrans (CLM), when the larvae migrate through the skin and cause inflammation.

Why Parasite Problems are Overlooked ?

- ✦ We assume parasites are only in 3rd world countries
- ✦ Worldwide global migration and change in their diet
- ✦ Global Climate Changes
- ✦ Stool analysis for parasites is simply not a reliable test
- ✦ Most parasites are outside of intestinal tract
- ✦ Co-factors from environmental pollutions and poor minerals and nutritional status
- ✦ Animals (Dogs, Cats and other pets) at Home
- ✦ Parasites have complex life cycle and the ecosystem.
- ✦ Parasites are deceptive, adaptive and difficult to eradicate
- ✦ **Parasites are multi- trans-generational problems**

Parasite Therapy by Non-Parasitologist: Parasites Follow Money



Multiple Signs of Parasites: Parasites speak many languages

- | | |
|------------------------|-----------------------------------|
| ✦ Gas/Bloating | ✦ Suppress allergies |
| ✦ Grinding teeth | ✦ Immune deficiency syndrome |
| ✦ Coughing at night | ✦ Mental/behavior problems |
| ✦ Weight loss/gain | ✦ Constipations/diarrhea |
| ✦ Obesity/under-weight | ✦ Psoriasis/eczema |
| ✦ Lethargy/fatigue | ✦ Food allergies |
| ✦ Sexual dysfunction | ✦ Knee/hip pain |
| ✦ Migraine headache | ✦ Abdominal pain |
| ✦ Vision problems | ✦ IBS/Colitis |
| ✦ Brain fogs | ✦ Waking up at night/ bed wetting |
| ✦ Craving for foods | ✦ Night sweats/ nightmare |
| ✦ Anemia/eosinophilia | ✦ Rectal itching |
| ✦ Bruxism | ✦ Muscle/joint pain |
| ✦ Allergies | ✦ Cyst/tumor |

Autism/ASD: Epigenetics

✦ Nutrition & Diet	✦ Hidden Dental Problems
✦ vaccinations	✦ New infections/Toxins
✦ Insecticide	✦ Psychological stresses
✦ Preservatives	✦ Heavy-metal pollution
✦ Medications	✦ Acidosis
✦ Chemical stresses	✦ Electromagnetic fields
✦ Surgery scars	✦ Allergies
✦ Parasites	✦ Multi-Trans-Generations

Parasites Hijack Brain and Alter Your Behavior *Toxoplasma gondii*'s on Subtle Human Behaviour Biologist Jaroslav Flegr, Prague

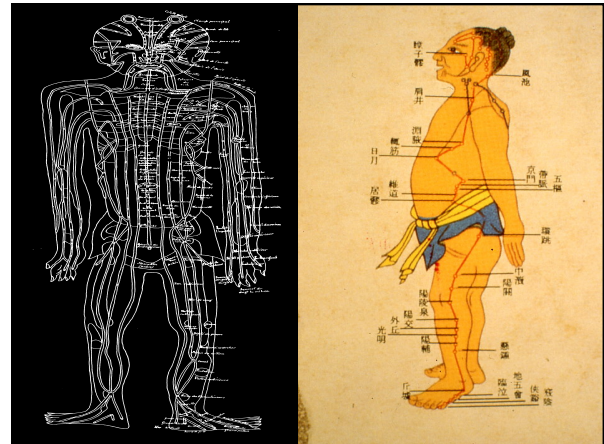
- | | |
|--------------------------------------|--------------------------|
| ✦ In Men | ✦ In Women |
| ✦ Less likely to follow social rules | ✦ More warm hearted |
| ✦ More suspicious | ✦ More easy going |
| ✦ More prone to jealousy | ✦ Less suspicious |
| | ✦ Less prone to jealousy |



Science News: Jan 26, 2013 by Susan Mil

Acupuncture Meridians to Detect Parasites

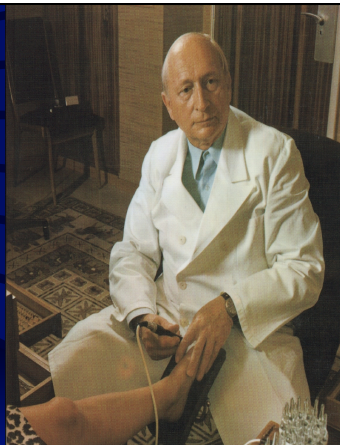
- ◆ Traditional Chinese Acupuncture
- ◆ Japanese Acupuncture
- ◆ Korean Hand Acupuncture
- ◆ Scalp Acupuncture
- ◆ Ear Acupuncture
- ◆ Laser Acupuncture
- ◆ Acupressure Massage
- ◆ Battle Field Combat Acupuncture
- ◆ **Acupuncture Meridian Assessment**



Electro-acupuncture
according to Dr. Voll
(EAV)

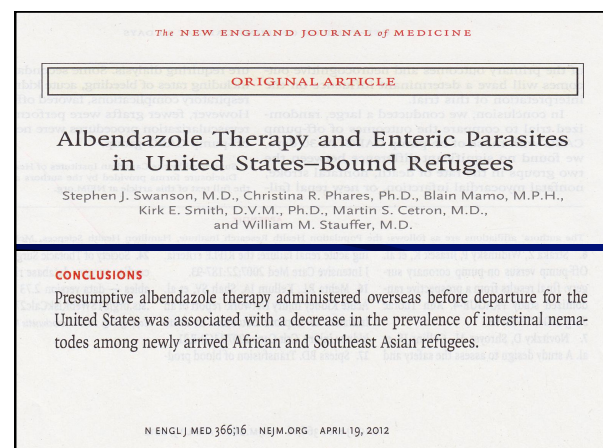
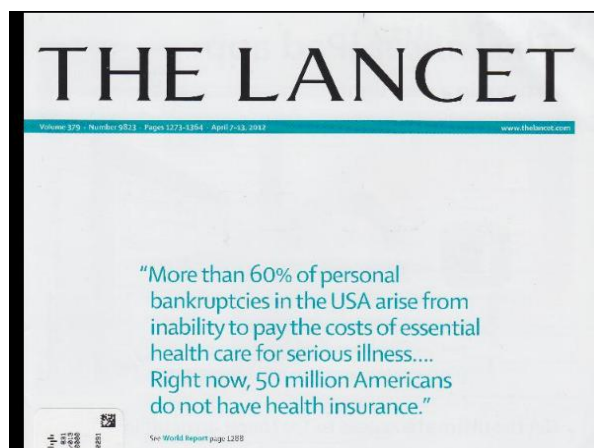
Reinhold Voll, MD

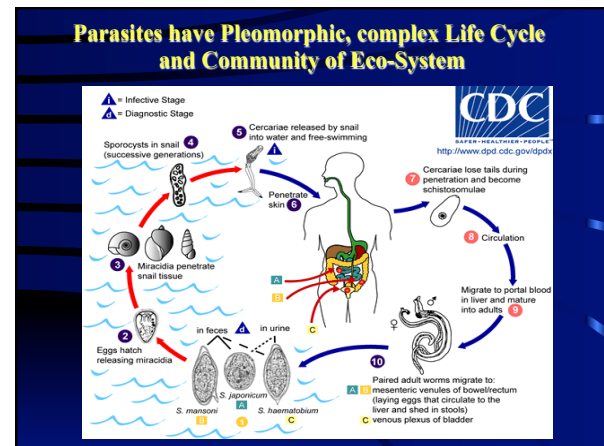
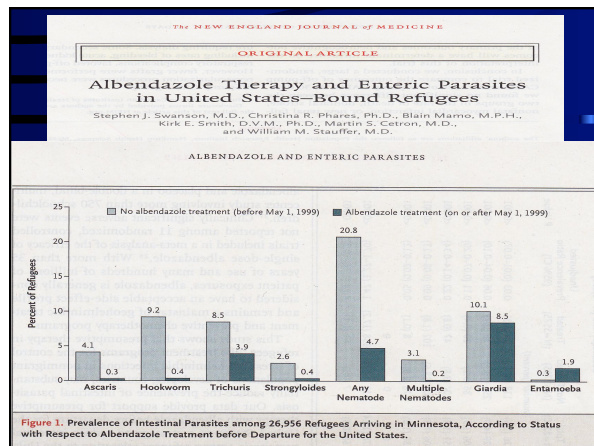
Acupuncture
Meridian
Assessment
(AMA)



Evidence Based Case Studies

- ◆ **Curing the Incurable by Measuring the Immeasurable with Acupuncture Meridian Assessment**
- ◆ **Parasites**
- ◆ **Heavy metal screening**
- ◆ **Food allergies**
- ◆ **Detoxifications**
- ◆ **Nutritional support**





"I WAS MORTIFIED."

"HOW COULD MY QUEENIE HAVE REVOLTING TAPEWORMS?"

CLIENTS NEVER EXPECT THEIR DOGS TO GET TAPEWORMS. Fortunately, IVERHART MAX® (ivermectin/pyrantel pamoate/praziquantel) Chewable Tablets can spare clients the shock of seeing their dogs get them. Choose the only monthly heartworm preventative that treats and controls tapeworms.

Help clients avoid nasty tapeworm surprises. Call 1-800-338-3659 or visit www.ivermectin.com.

IVERHART MAX®
(ivermectin/pyrantel pamoate/praziquantel)
Chewable Tablets

Asymmetric Threat: Parasites

- ◆ As we know, there are known known's. There are things we know we know. We also know there are known unknown's. That is to say, we know there are some things we do not know. But there are also unknown unknowns, the one we don't know we don't know.

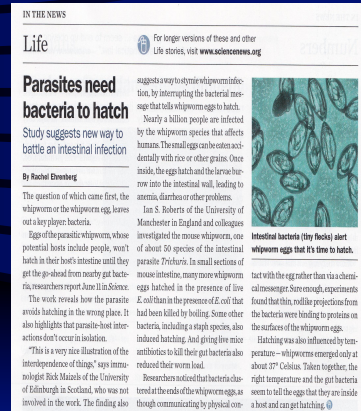
Donald Rumsfeld, DOD

Parasite Articles

- ◆ Parasites and Allergies : Paradise lost in a Pararelle Universe
- ◆ Parasites Down Under
- ◆ Parasites and Inflammation
- ◆ Parasites and Mental Illness
- ◆ Parasites and Mind Control
- ◆ Parasites Follow Money
- ◆ Parasites Speak Many Languages
- ◆ Parasite Guy on UFO and FUO
- ◆ Quarantine Iowa

Role of Therapeutic Parasites?

- ◆ Joel Weinstock on Inflammatory Bowel Disease using *Trichuris suis*, pig whipworm.
- ◆ Parasites might have co-evolved in a way that the parasites actually help regulate the human immune system to prevent allergies.
- ◆ Definition of parasites? Symbio-parasites?



Migraine Headache

- ◆ R/O hypoglycemia
- ◆ R/O dental distress
- ◆ IV magnesium
- ◆ Food allergy test and rotation diet
- ◆ Multivitamins: magnesium, Riboflavin & B-complex
- ◆ Feverfew
- ◆ Cranial- spinal adjustment
- ◆ Biofeedback
- ◆ Hormone evaluation
- ◆ Stress control
- ◆ Parasites for ocular migraine



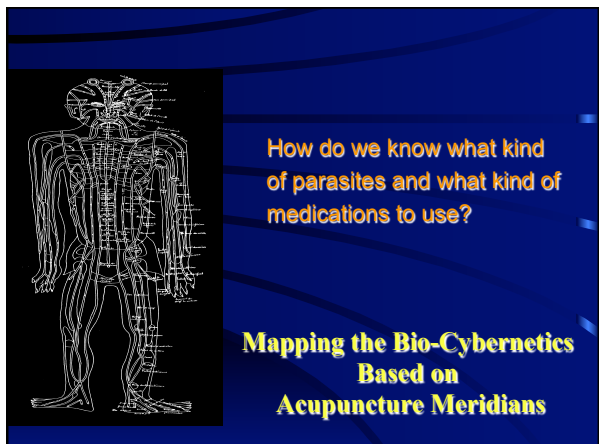
Gall Bladder Meridian

- ◆ Mesencephalon including center of sleep and waking rhythm
- ◆ Diencephalon sleep center for deep sleep
- ◆ Cranial nerves involving optic nerve and trigeminal nerve
- ◆ Parasympathetic nervous system including ciliary optic ganglion
- ◆ Vagus nerve in the medulla oblongata
- ◆ Cranial part of the sympathetic nervous system
- ◆ Dr. Voll's German Electro-acupuncture Reference Manual



Epilepsy and Seizure Disorder

- ◆ Beyond Dilantin and phenobarbital.
- ◆ Diet: eat real food, eliminate sugar. Low Carb. High good fat
- ◆ MVI: B-6, Mg, MN, E, and dimethylglycine (DMG-B-15).
- ◆ Taurine, Zn, cesium
- ◆ GABA, Octocosanol, choline
- ◆ Food allergy and elimination diet.
- ◆ Ketogenic diet for some cases
- ◆ Watch for hypoglycemia and add chromium
- ◆ Dental evaluation: wisdom teeth and cavitation
- ◆ Drug/Nutrient interaction: Dilantin-Folic acid
- ◆ Rule out for parasites



How do we know what kind of parasites and what kind of medications to use?

Mapping the Bio-Cybernetics Based on Acupuncture Meridians



Nutrition, (Parasites) and Chronic illness Autism and ASD



Herbs for Parasites

- ◆ Black walnut hull extract
- ◆ Wormwood
- ◆ Clove oil
- ◆ Artemisia Annua
- ◆ Citrus seed extract
- ◆ Pumpkin seed
- ◆ Ginger root
- ◆ Genitian root
- ◆ Others:
- ◆ MMS, Zapper



Medications for Parasites

- ◆ Mebendazole
- ◆ Albendazole
- ◆ Metronidazole
- ◆ Praziquantel
- ◆ Iodoquinole
- ◆ Tinidazole
- ◆ Ivermectin
- ◆ Tetracycline
- ◆ Doxycycline
- ◆ Pyrantel pamoate
- ◆ Chloroquine/Primaquine
- ◆ Nitazoxanide (Alinia)
- ◆ Others:



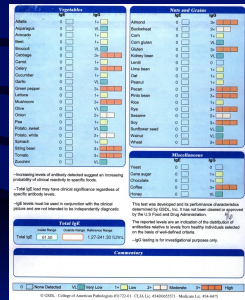
Parasite Medication Questions

- ◆ Which parasite medications to choose from?
- ◆ How much to give (Dose) and how long? Use PDR?
- ◆ What combinations of parasite medications?
- ◆ Which meds balance which specific meridians?
- ◆ Combine with herbal & homeopathic remedies?
- ◆ When is the best time to start the medications?
- ◆ Preparations before starting the parasite medications + drainages
- ◆ Moon cycle or different life cycle?
- ◆ What kind of side effects or side benefits?
- ◆ Can you prescribe meds without confirmed diagnosis?
- ◆ Patients who are suspicious and in doubt?
- ◆ EAV/AMA reading is all normal but still suspicious of parasites

Most Common Parasite Medications & Doses

- ◆ Ivermectin 12mg 3-4 x/day with pyrantel pamoate 250 mg 3-4 x/day for 10days to up to 30 days
- ◆ Tinadazole 500 mg at bed time up to 30 days or
- ◆ Alinia 500 mg 2-3 x/day for 3-10 days
- ◆ Albendazole 200 mg 4 x/day for skin problems
- ◆ Praziquantel 600 mg 4 x/day 2-4 wks or Levamisole 50 mg 4 x/day 2-4 wks for cancer

Think "Food Allergies" When the Latest Medical Therapy Failed



Evidence Based Case Study:

13 year old Jewish girl with Crohn's Disease seen on Feb 2010

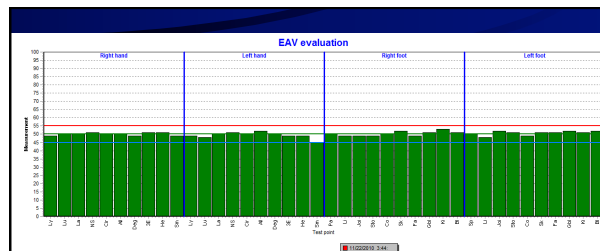
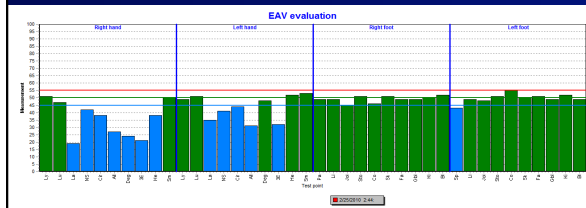
CC: Crohn's Disease dx at age 11. Noticed frequent BM, indigestion, chest pain and not gaining weight.

Seen Pediatric GI specialist, colonoscopy and biopsy consistent with Crohn's. Started on IV steroid and was hospitalized x2 and tried multiple medications without significant improvement.

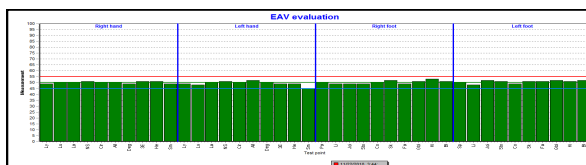
Still c/o stomach ache, straining BM, cramping, diarrhea, anemic and failure to thrive and stop

Evidence Based Case Study:

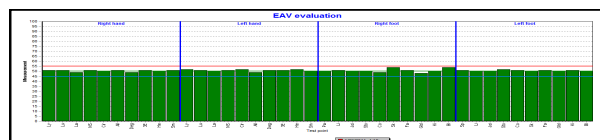
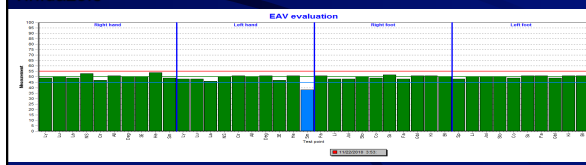
13 year old Jewish girl with Crohn's Disease seen on Feb 2010



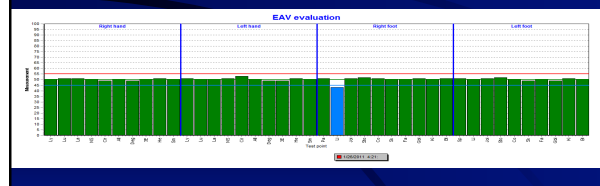
Started on Alinia, then Levamisole, then Tinidazole, Levamisole, Tinidazole and Helmin, probiotics and allergy remedies.



Color Orange at one million amplifications for 3 min and detected hidden Small Intestine meridian disturbance and started in Tinidazole

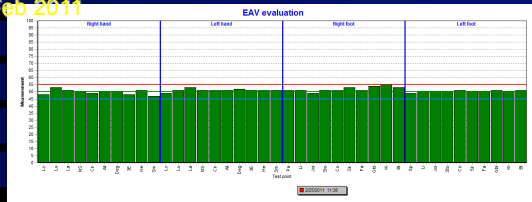


Color therapy with Yellow at one million amplification for 3 min and started on Ivermectin and Alinia



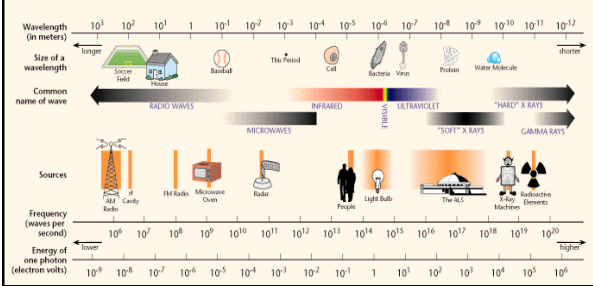
Evidence Based Case Study:

13 year old Jewish girl with Crohn's Disease seen on Feb 2011



Meriam is growing, gaining weight, no longer anemic and made a team for cheer leading squad in Junior HS.

THE ELECTROMAGNETIC SPECTRUM



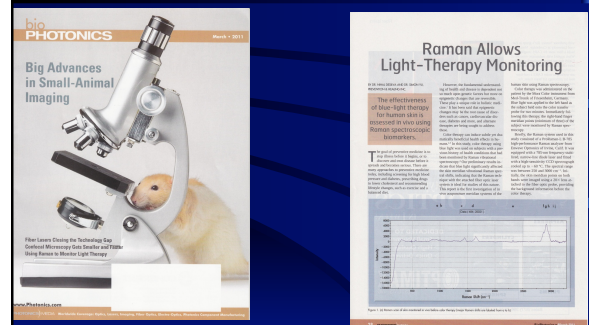
Color to Unmask Hidden Dental and Parasite

Problems	Wavelength Angstrom	1 Å = 10 ⁻¹⁰ Meters	Converted to Hertz	Not e	Orchestra Pitch	Physical Pitch
Infra Red Beams	7653 Å	to 7813 Å	392X10 ¹² Hz	~ G	392 Hz	384 Hz
Red	7228 Å	to 7317 Å	415X10 ¹² Hz	~ G#	415 Hz	410 Hz
Red-Orange	6818 Å	to 7042 Å	440X10 ¹² Hz	~ A	440 Hz	426 Hz
Orange	6438 Å	to 6522 Å	466X10 ¹² Hz	~ A#	466 Hz	460 Hz
Orange-Yellow	6058 Å	to 6250 Å	493X10 ¹² Hz	~ B	493 Hz	480 Hz
Yellow	5736 Å	to 5859 Å	523X10 ¹² Hz	~ C	523 Hz	512 Hz
Yellow-Green	5415 Å	to 5474 Å	554X10 ¹² Hz	~ C#	554 Hz	548 Hz
Green	5110 Å	to 5208 Å	587X10 ¹² Hz	~ D	587 Hz	576 Hz
Green-Blue	4823 Å	to 4878 Å	622X10 ¹² Hz	~ D#	622 Hz	615 Hz
Blue	4552 Å	to 4688 Å	659X10 ¹² Hz	~ E	659 Hz	640 Hz
Indigo	4288 Å	to 4392 Å	697X10 ¹² Hz	~ F	698 Hz	683 Hz
Violet	4054 Å	to 4098 Å	740X10 ¹² Hz	~ F#	740 Hz	732 Hz
Ultra-Violet Beams	3827 Å	to 3906 Å	784X10 ¹² Hz			

Frequency X Wavelength = Speed Of Light
Speed Of Light = 300,000,000 Meters Per Second

Bio-Photonics: March 2011

Bio-Cybernetics and Energy Medicine

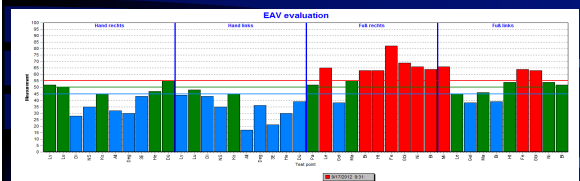


Bio-Photonics: March 2011
Bio-Cybernetics and Energy Medicine

Raman Shift (cm ⁻¹)	Notation In Figure 1a,b	Relative Intensity (RU)				
		Before Blue Light	After Blue Light	Ratios		
		(BBL)	(ABL) (ABL/BBL)	m	n	
1443	c, c'	1503	3750 2.5	-	-	-
1657	d, d'	2004	5750 2.9	-	-	-
2833	f, f'	1430	1998 1.4	-	-	-
2865	g, g'	3432	4329 1.3	0.42	0.46	-
2930	h, h'	6578	7659 1.2	-	-	1.92 1.77

Table 1. Comparison of Raman vibrational shifts monitored in vivo before and after blue-light color therapy. Raman shifts with notations such as a, b, e and so on were omitted when they did not show a significant change in intensity.

4 year old boy from Orlando, dx w/autism at 2 and ½ year old age in Boston soon after treatment with antibiotics for pneumonia.



First visit: September 2012

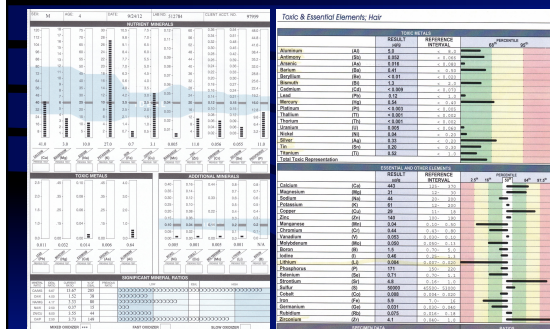
4 year old boy from Orlando, dx w/autism at 2 and ½ year old age in Boston soon after treatment with antibiotics for pneumonia

- ♦ **Presenting Symptoms:**
- ♦ Anger
- ♦ Anxiety
- ♦ Autism
- ♦ Bedwetting
- ♦ Behavior Problems
- ♦ Fatigue
- ♦ Mental Confusion
- ♦ Mood Swings
- ♦ Indigestion
- ♦ Nervous System Dysfunction

4 year old boy from Orlando, dx w/autism at 2 and ½ year old age in Boston soon after treatment with antibiotics for pneumonia.

- ♦ Patient was on anti-viral and anti-fungal protocol and passing
- ♦ ? Worms on stool.
- ♦ Alternating diarrhea
- ♦ constipation
- ♦ and mucous BM

4 year old with Autism



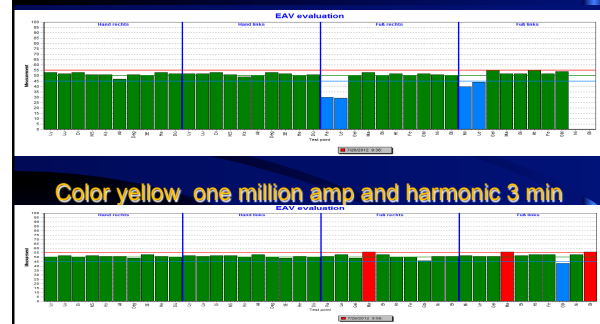
4 year old with Autism

- ♦ Ivermectin and Tinazole for 4 wks, 3, 2 and 1 wk.
- ♦ Second visit (12/2013) while on 3rd round of parasite meds. Mom states he is doing well in school and gaining weight.
- ♦ Started V& M including lithium, iodine, PC, AA
- ♦ Quick AMA check: Large Intestine meridian- OK
- ♦ Comment: Flu like symptom w/1st round of meds

12 year old boy from Mexico CC: Autism dx at age 2 after vaccination Date: First Visit on July 26, 2012

- ♦ Tried MMS 2 years ago and noticed definite improvement.
- ♦ Also tried IV EDTA/DMPS, stem cells, hyperbaric oxygen, vitamins and minerals
- ♦ Enema and noticed parasites coming out
- ♦ Started parasite meds
- ♦ Seizure x2 on July 2012. CT, EEG normal

12 year old boy from Mexico CC: Autism dx at age 2 after vaccination Date: First Visit on July 26, 2012



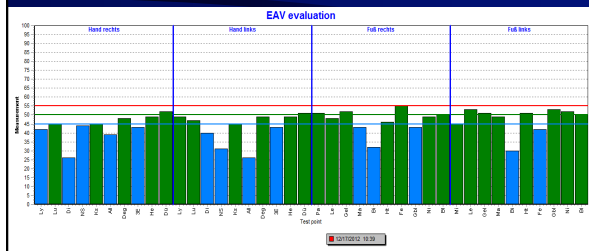
12 year old boy from Mexico
CC: Autism dx at age 2 after vaccination
Date: First Visit on July 26, 2012

- ◆ Ivermectin + pyrantel pamoate + praziquantel for 7 days, then follow by tinidazole+ levamisole for 10 days and repeat the cycle every month for 3 times.
- ◆ No lab tests done in St. Louis

7 year old Indian origin from Houston
CC: Autism dx at age 4

- ◆ Initial symptoms noticed at age 2
- ◆ Delayed in development, fatigue easily
- ◆ Fine motor problems, speech fair
- ◆ Anger, tantrum, hyperactive, poor understanding, focus problems
- ◆ Night sweats, frequent infection
- ◆ DAN protocol for last few years and on GABA
- ◆ Elevated ASO of 570

7 year old Indian origin from Houston
CC: Autism dx at age 4



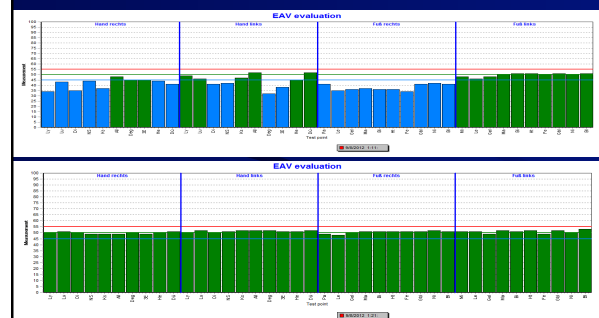
7 year old Indian origin from Houston
CC: Autism dx at age 4

- ◆ Ivermectin and albendazole for 3 wks and repeat 3 wks later for total 3 rounds
- ◆ No lab test done in St. Louis

7 year old boy from California/Virginia
CC: autism dx at age 18 months
First Visit: Sept 2012

- ◆ High fever after Dtap
- ◆ After MMR, increase in problems with catatonic, high fever, diarrhea
- ◆ Healthy until one year old
- ◆ H/O of travelling to India, Cambodia and Thailand with parents
- ◆ ? PANDA ? Lyme
- ◆ I.G. therapy by Ped. infectious specialist

7 year old boy from California/Virginia
CC: autism dx at age 18 months
First Visit: Sept 2012



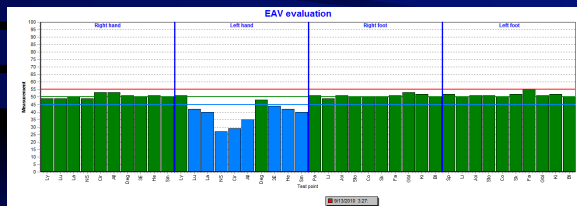
7 year old boy from California/Virginia CC: autism dx at age 18 months

- Phone call from Mom.
- ATEC score came down from 95 to 54 in one month period on Ivermectin + pyrantel pamoate for 2 wks and follow by parziquantel + tinidazole for 2 weeks.
- To repeat the cycle for 3 times

7 year old with Autism First visit: Sept 2007 and now 12 year old

- Autism dx at age 17 months
- Under DAN protocol and interested in hyperbaric oxygen therapy and to check for heavy metal test.
- Non-verbal, agitated and unable to do acupuncture meridian assessment

7 year old boy with Autism First visit: Sept 2007 and now 12 year old



7 year old boy with Autism First visit: Sept 2007 and now 12 year old

POTENTIALLY TOXIC METALS				
METALS	RESULT	REFERENCE RANGE	WYTH	WYTH
Aluminum	20	< 1		
Antimony	0.8	< 1.5		
Arsenic	0.6	< 1.0		
Bismuth	<0.01	< 1.4		
Boron	<0.01	< 1.0		
Calcium	1.2	< 2		
Cadmium	10	< 5		
Lead	20	< 10		
Manganese	10	< 10		
Nickel	10	< 10		
Platinum	<0.01	< 1		
Thallium	0.7	< 1.1		
Thoron	<0.01	< 1.0		
Tin	20	< 10		
Uranium	2.0	< 1.0		
Vanadium	<0.01	< 1.0		

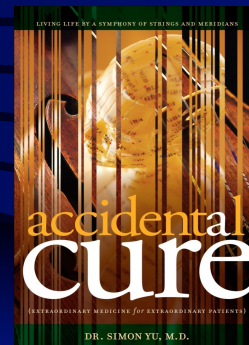
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Nickel	10	< 10		
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Thoron	<0.01	< 1.0		
Tin	20	< 10		
Uranium	2.0	< 1.0		
Vanadium	<0.01	< 1.0		

7 year old boy with Autism First visit: Sept 2007 and now 12 year old

Toxic Metals, Urine				
METALS	RESULT	REFERENCE RANGE	WYTH	WYTH
Aluminum	15	< 1		
Antimony	0.8	< 1.5		
Arsenic	0.6	< 1.0		
Bismuth	2	< 1.4		
Boron	<0.01	< 1.0		
Calcium	1.2	< 2		
Cadmium	10	< 5		
Lead	20	< 10		
Manganese	10	< 10		
Nickel	10	< 10		
Platinum	<0.01	< 1		
Thallium	0.7	< 1.1		
Thoron	<0.01	< 1.0		
Tin	20	< 10		
Uranium	2.0	< 1.0		
Vanadium	<0.01	< 1.0		

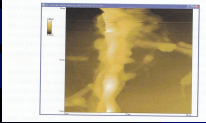
As of 2013, multiple parasite meds, DMPS and DMSA chelation therapies and heavy metal burden is down, talking, making a conversation, more social

www.preventionandhealing.com



**Others to Consider:
Double Helix Stable Cluster Water
David Gann and Shui-Yin Lo**

The First
Double-Helix Photos



Special Thanks