

The biological treatment of children and adults with an autistic spectrum disorder - and also for those slightly off the autistic spectrum - ASD, ADHD, Sensory Processing Disorder, learning difficulties etc.

A simple and basic checklist:

1. Objective Data

- The initial assessment should be made by a paediatrician using the ABC score (aberrant behaviour checklist) and/or the SRS (social responsiveness scale) or other validated assessment tools.
- Have building biology assessment of your living space for microwave, electric and magnetic fields, mould and VOCs. Fine particle pollution is published as major connection to ASD
- Glyphosate: do the available urine test (after exercising the person!)
- A functional SPECT scan is the only imaging technique that can demonstrate hyper- and hypoperfusion and low activity levels in some parts of the brain. Ultrasound (Ruggiero/Bradstreet) can non-invasively show inflammation in the cortical area near the skull.

Functional Medicine uses a number of laboratory tests - too many and often too expensive to discuss here. I recommend the following:

- Urine porphyrin test for metal toxicity (www.labbio.net) + hair analysis (www.biolab.com)
- Cunningham panel (US) to r.o. PANS and PANDAS
- General chemistry panel: if wbc low – immune defect(viral, Lyme, parasites). If Monos and Eos elevated, ferritin low: parasites. Alk.phos low: KPU. CO2 =low: mitochondrial dysfunction
- Most ASD kids have low: reduced glutathione, R-lipoic, Q10 and ubiquinol, minerals, pancreatic enzymes, B6 and B12 : don't use questionable tests: replace!
- Most if not all ASD patients have chronic retroviral infections and numerous secondary infections: Lyme and Co-Infections, herpes virus infections (HHV-6, EBV, CMV etc.), mould illness (aspergillus, candida etc.), mycoplasma and multiple parasites. Either do the expensive work up (Armin Labs, etc.) or assume its all of them and treat safely with biological agents

2. Treatment

- Diagnose and protect from electrosmog (wireless, electric and magnetic fields, ground current, compact fluorescent lights, earth based pathogenic fields)
- Diet: ideally grain free, often cow dairy free. Camel milk is ideal and healing (from Israel). Initially there is inflammation in the gut and food allergies should be tested with 14 day elimination trial or the Coca pulse test. Food allergies change over time and are not a life sentence. High fat diet are often essential
- To detox fine particle pollution of lungs and brain: Polmolo tincture with added MicroPhos – up to 3 pipettes 4 times/day, CoriandoloPlus 2 pipettes 4 times/day before meals, ionic foot bath, frequent coffee enemas or colonics (colon and lung are in TCM

connected – and in real life also). Sauna therapy – 5 minutes of real sweating. Oil pulling in older kids, once they are more recovered. Neti pot for sinusitis (Manuka honey). Always use a binder: chlorella and/or LavaVitae. A group of moms in Switzerland recovered their kids just with high dose chlorella alone (10-15 grams 3 – 4 times a day).

- Most ASD patients have restricted venous and lymphatic drainage of the brain (CCSVI): learn the Klinghardt anterior neck massage: 2-3 min twice daily. Consider SophiaFlow cream twice daily (KiScience). KiScience brain formula (Gotu Kola, Gingko, etc.): 1 pipette 4 times/day in 8 year old.
- To detox glyphosate:
 - use homeopathic herbicide detox from KiScience with the laser detox method or NAET
 - Korsakoff method (homeopathic dilution of client's urine). Include Selenium in supplement protocol
- GliaLia (luteolin +P.E.A): follow the instructions (70% of patients respond)
- Melatonin – as potent anti-inflammatory and detox of the CNS : start with 0.5 mg, slowly move up to much larger dose (up to 10 mg). Always combine with other detox strategy initially: DMSA 5-10 mg/kg bodyweight as one-time dose at bedtime. Alternative: PropolisPlus from KiScience 1-3 full pipettes with dinner stretched with MicroPhos(1 tsp) – CAPE in propolis increases CNS melatonin
- Neubrander protocol for methyl B12 injections (trial, does not always help): up to 5 mg s.c injection 1-2 times/week (for more severe cases)
- Methyl B12 oral (often works as alternative to mB12 injections): up to huge doses of 30 mg in the initial treatment of a severely affected child. Experiment with dose-reduction as soon as possible. If there is no fast beneficial effect, reduce to normal age related recommended dose
- Ionic footbath: 30 min/day alu/hg detox) + Polmolo (alu detox brain/lung) + coriandolo (Hg, Pb detox + antimicrobial for many bowel infections)
- Broccoli – 1 cup chopped up organic broccoli sprouts (2 inches long) or equivalent sulphoraphane supplement/day (modulates mTOR pathway - see impressive study on teenagers)
- Retroviral treatment: RetroV tincture (KiScience) – add 1-2 tsp MicroPhos to the bottle and vibrate, magnesium threonate (300-1200 mg with dinner), homeopathic suramin (5-8 drops 2-4 times/day)
- Lyme: Sardinian cistus tea with full leaf stevia (KiScience) – follow recommendations
- Co-infections: KiVita tincture (1-10 drops 2-3 times/day) +
- Bartonella: add PropolisPlus tincture: dissolved/stretched in phospholipids
- Mycoplasma: Rizol Kappa – adult dose 10 drops 3 times/day

To restore the bowel flora (and the brain microbiome: Clin Endosc. 2016 Nov;49(6):579. Epub 2016)

- If Rizol Kappa not in the protocol, use Gamma for all parasites and yeast related issues. Otherwise Kappa is enough

- MegaSporeBiotic (1-3 capsules 1-2 times/day) – KiScience
- Bravo suppository
- Brewer’s yeast derived probiotics
- Acidophilus/bifidus based probiotics
- Regular bowel massage and liver compressions (Klinghardt Method)
- Stephen Porges PhD: Vagal Nerve stimulator ILS system (get short internet based training and rent the equipment - 3 month trial. www.integratedlistening.com 001-303 741 4544)

Considerations for the more severe cases (adult doses/ adjust to body weight and age)

Treat parasites and yeast (adult doses):

- Medical S.Yu protocols: Ivermectin 12 mg plus olive leaf capsules (2-4) 4 times daily for 2 weeks, followed by Nitazoxanide 1000 mg twice daily for 2 weeks, followed by Albendazole 400 mg twice daily for 2 weeks
- Follow with herbal protocols for months or years
- Consider Kerri Rivera approach for 3 – 6 months (oral and rectal use of strong oxidative approach)
- Consider 6 week trial with Itraconazole 100 mg b.i.d and Valtrex (herpes) 500-1000 mg b.i.d

Detox:

- Use s.c or i.m DMPS up to 500 mg twice monthly for additional metal detox, s.c Desferal (500-1000 mg once weekly) for aluminium detox
- Emeramide (NBMI): 100-300 mg a.m for specific mercury detox – daily but always combined with DMSA at bedtime (250-500 mg)
- With metal detox always use minerals away from the detox agents. Pause with metal detox at least 2 days a week and do high doses mineral on those days.

PANDAS/infections:

- Rerum: 0.1-0.5 ml s.c or i.v.
- Medical Suramin i.v. injection (see published protocol)
- i.m. Penicillin 1-2 times/week
- i.v. IG (for PANS)
- German neural therapy (tonsil/lymphnode injections with procain and ozone). Cryotherapy of lymphatic tissues in the throat (www.kryopraxis.de)
- seizures: strict ketogenic diet and high dose B6/P5P mix (up to 1200 mg)