

CASE STUDY

Helping Theo with Defiant Behavior and Lack of Speech

PATIENT OPPORTUNITY

A recent Organic Acids Test (OAT) showed high levels of *Candida* yeast and *Clostridia* bacteria, elevated oxalic acid, mitochondrial dysfunction, and a CoQ10 deficiency, elevated HPHPA, and *Aspergillus* mold colonization.

APPROACH

The primary goal of this intervention program was to eliminate the elevated HPHPA linked to *Clostridia* bacteria. The main goal of the initial intervention was to pave the way for more comprehensive antifungal therapy. From my experience, if HPHPA (or other *Clostridia* markers, e.g., 4-cresol) can be eliminated first, it opens up the possibility for more profound changes with antifungal medication. Interventions included Biocidin-LSF, Oreganol P73, Pure Lean Fiber, L-carnitine, Ubiquinol (CoQ10), chewable calcium and magnesium. The parents continued other products the child was already taking such as *Saccharomyces boulardii*, B-complex, and vitamin D. A repeat Microbial OAT done approximately 8 weeks after being on the antimicrobial supplements (Biocidin-LSF and Oreganol) revealed normalization of HPHPA. Results also shows a reduction in *Aspergillus* and arabinose. With these HPHPA results, the implementation of antifungal medication using Sporanox (Itraconazole) was introduced with an initial dose of 100mg daily with the potential to go higher such as 200-300mg. The prescribed duration of use was 90 days with the option to extend its use as long as he tolerated the treatment and liver enzymes through blood testing remained normal.

RESULTS

Theo responded very well to the initial HPHPA treatment with less oppositional defiant behavior. Sporanox brought about improved physical energy, eye contact, and social engagement. Overall, this was much less defiant behavior and emotional meltdowns. Recent correspondence from the child's family reports continued progress with regards to awareness, speech, eye contact, social engagement, and energy level. Theo still struggles with some anxiety, but overall as stated by parents "he is doing great."



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"Hidden mold exposure was discovered and remediated in the child's home, which explains the continued presence of *Aspergillus* mold across multiple Mosaic OATs."

ABOUT THEO

5-Year-Old Male

Symptoms:

- Attention Deficit Problems
- Obsessive Thoughts
- Oppositional Defiant Behavior
- Picky Eating
- Lack of Speech
- Self-Stimulation
- Low Motivation in Social Activities
- Non-Responsiveness to Name

"Theo had an Autism-Spectrum diagnosis. His parents had tried various biomedical intervention approaches including, dairy-free diet, multivitamins, minerals, folic acid, probiotics, Sporanox and antimicrobial botanicals. However, once the Sporanox prescription was completed, he regressed."