

Biocidin® Advanced Botanical Combination

BROAD-SPECTRUM SUPPORT FOR IMPROVED GASTROINTESTINAL ECOLOGY,
SYSTEMIC HEALTH AND IMMUNE FUNCTION

The Biocidin® formulation is a uniquely potent broad-spectrum supplement containing a carefully selected combination of medicinal botanicals. These have been formally researched and **documented for their anti-microbial actions** against a wide range of complaints from viral, bacterial, fungal or parasitic etiology.*

Biocidin® may be used as a systemic support when addressing **infections of the GI tract**, upper respiratory tract, urogenital symptoms, skin complaints or other issues where pathogens are involved.* It has been used in pediatric cases, and is held in high regard by specialists treating **Autism, Lyme, Mental Health and Autoimmune disorders**. Many diagnostic labs and noted authors and clinicians regularly refer to this formula where broad-spectrum support is indicated. Biocidin® is available in 1 oz liquid or liquid filled capsules for systemic and GI support, and in a Throat Spray, as well as a Liposomal formula.

Uses Include

- GI Dysbiosis including:
 - Candida, SIBO, H. Pylori, Parasites, C. difficile
- Lyme disease and co-infections
- Mental health disorders and Autism
- Dental and Sinus infections
- Dermatological infection
- Viral diseases including herpes family
- Upper respiratory infection and Cold & flu
- Mold/Mycotoxins
- Urinary tract infection
- Prostate and Systemic inflammation
- Auto-immune disease
- Elderly or at risk patients
- During heavy metal chelation
- Any acute or chronic infection
- Preventative when traveling



BIO-BOTANICAL RESEARCH INC.

Clinical Recommendations for Use

General Cleansing – Over 70% of the population has some type of dysbiosis, and therefore use of Biocidin® or the Bioclear™ Program is an expedient way to balance and repair intestinal ecology and benefit health systemically. Many practitioners have reported that they use Biocidin® as a base-line treatment for new patients along with dietary and other supplement recommendations, and also often recommend it as an annual cleansing regime. Reports of improvement in inflammation and autoimmune issues indicate our Comprehensive Cleansing Program is an effective clinical strategy.

Yeast/Mold – Biocidin® is a major remedy for systemic or GI Candida. An initial treatment of 2-3 months is recommended for chronic GI or systemic conditions, with ongoing maintenance use for several more months following clearance. Biocidin® has also been used in oral thrush, for vaginal yeast, and for sinus infections. For vaginal or sinus infection use diluted as needed. Biocidin® capsules may also be used as a vaginal suppository. For thrush in infants use 1 drop directly in mouth twice a day. As a nasal wash 4 - 8 drops may be added to a saline solution for sinus infections which may be related to yeast, fungus, or bacteria. Use of Biocidin® and G.I. Detox™ has been helpful in reducing mycotoxins due to mold.

Endotoxins/LPS – Lipopolysaccharides are endotoxins comprised of structural components of Gram-negative bacteria that may be discovered in plasma through blood testing. The presence of LPS is an indicator of intestinal permeability, or “Leaky Gut Syndrome” caused by intestinal dysbiosis. For LPS, a three part program has shown success. First 2-3 drops of Biocidin® may be held and swished in the mouth for oral pathogens. Then take 5 drops of Biocidin® liquid or 1-2 capsules to address the upper and lower GI tract. Finally, 1-2 capsules of G.I. Detox™ may be taken between doses of Biocidin® for mop up of toxins. This protocol ensures treatment of the entire GI tract.

Bacteria – Biocidin® and Olivirex® are both excellent in addressing bacterial infection anywhere in the body. GI bacteria including SIBO, H. pylori, Clostridia, Klebsiella, Pseudomonas, Strep, and Staph have responded in before and after lab testing. Infections of the upper respiratory tract, ear infections, sore throat, sinus infection, and prostate issues may be addressed. Skin conditions such as boils and acne also respond well. Biocidin® and Olivirex® used together have shown promise in resistant/biofilm infections such as MRSA and C. Difficile. In Biofilm related infections, patients will sometimes feel a bit worse initially as the matrix is broken down, and toxins released. Use of G.I. Detox™ between doses helps absorb toxins and decreases die-off. For food poisoning and stomach flu use GI Detox™ first to absorb toxins then Biocidin to address pathogens.

*This information is for in-house practitioner reference only – Do not use for patient handouts or for posting online or publishing.
No medical claims are implied for any nutritional supplements.*

Clinical Recommendations cont.

Parasites – Biocidin® has been used in many types of parasites, including Entamoeba histolytica, strongyles, pinworms, and cyst type organisms. Blastocystis is one of the hardest parasites to clear. 3-12 months treatment or longer is needed for chronic cases, as the life cycle of cysts can be quite long. Use the complete Bioclear™ Program with Biotonic™ and Proflora®, and add G.I. Detox™ for Blastocystis or other parasites. A minimum of 3 months using the Bioclear™ and G.I. Detox™ is needed. Then, if lab tests show clearance, use the Bioclear™ Program 3 days before and after the full moon followed by 3 days G.I. Detox™ monthly for 6-9 more months. Pinworms and other parasites are easier to eradicate, especially in children, usually a 6 – 8 week course is sufficient.

Viruses – Cold/flu, herpes, shingles, chicken pox, mono, EBV, and other viral conditions may be addressed. For acute cold and flu Biocidin® and Olivirex® may be used at higher/maximum dose for a few days, or in the acute stage of herpes outbreak. Use the Liposomal Biocidin® LSF with Olivirex® for chronic viral conditions where nerve tissues are affected.

Lyme disease and Co-infections – Biocidin® and Olivirex® are used as a follow up or alternative to antibiotics, and to support ongoing treatment. These formulas have been reported to help with many symptoms. However, they often cause a Herxheimer reaction initially, so begin with the lowest dose and gradually increase per patient tolerance. Cases of Babesia and other co-infections respond well. The G.I. Detox™ may be taken between doses on an empty stomach to prevent or address Herx reactions. In neurological and chronic Lyme the Liposomal Biocidin® LSF may be used. Begin with 1 pump a day mixed into a 5 oz of water. Take 1 tsp. of mixture, if no detox reaction occurs continue 1 tsp. every 3 hours. If at any time detox reaction occurs stop for that day and begin with a lower dosage the next day. Increase slowly to 3-6 pumps a day. See usage chart for details.

Autism / ASD – Both children and adults with ASD benefit from Biocidin® and Olivirex®. Dysbiosis is most often seen in these cases, with both yeast and bacteria causing damage to the GI tract, immune system, and creating leaky gut and toxic burden to the liver and other organs. Neurotoxins from overgrowth of yeast and bacteria can be addressed with use of these formulas. Dosage ranges from 1-2 drops per 10 lbs body weight per day, taken in divided doses. Use up to 2x the usual dosage for severe cases, taken 3 times a day. In one child's case Organic Acid testing showed arabinose levels at 700 and then dropped to 30 after 6 weeks. The child's behavior which had been extreme was markedly improved.

Prostate Issues – Using both Biocidin® and Olivirex® formulas has been of help, decreasing frequency and improving urination. This may be due to viral/bacterial issues in prostate disease. PSA's have come down significantly. 3 months minimum treatment recommended. Biocidin® capsules may be used as a rectal suppository for additional effectiveness along with oral usage.

Dosage Recommendations

Please refer to Usage Chart for detailed instructions.

Chronic Conditions – For best results use the Comprehensive Cleansing Program. For GI Dysbiosis, Systemic Candida, or viral infections start slowly with 1-2 drops 3 times a day of Biocidin® and 1 capsule of Olivirex® a day and gradually increase to a total of 4-6 drops of Biocidin® 3 times a day and 2-4 capsules of Olivirex® daily, then stay at that level for 2-3 months and retest or check symptoms. Use of G.I. Detox between meals is highly recommended. When using Biocidin® LSF begin with 1 pump a day mixed into a quarter cup of water. Take 1 tsp. of mixture, if no detox reaction occurs continue 1 tsp. every 2-3 hours. See usage chart for complete instructions.

In general we have seen favorable improvement on lab tests in 6-8 weeks. Within 3 weeks patients report improved clarity, energy, and digestion. It is important for patients to realize that even if they feel better, they will need to stay on the formulas in chronic cases. OAT or CDSA tests are excellent ways to monitor results.

Probiotics such as Proflora® are recommended when using anti-pathogenic herbs. Probiotics are taken 1-2 hours apart from Biocidin® and Olivirex®. G.I. Detox™ is always taken 1-2 hours apart from other supplements and medications on an empty stomach.

For sinus infection, 4-8 drops in 6 ozs. of saline solution may be used in the neti pot or nasal spray. Used twice daily until improvement is seen then once a day for up to a month. Once a week for maintenance is recommended.

For dental or periodontal infections a few drops may be placed on a toothbrush and applied under gum line twice daily. Biocidin® may also may be used as a mouth rinse in water.

Children use 1-2 drops of Biocidin® per 10 lbs a day in divided doses. If over 60 lbs 1 Olivirex® a day may be given. Use up to 2x the usual dosage for severe cases.

Acute Onset – Acute infections can be treated for 1-10 days, and at a higher dose. Refer to the maximum category on the **Usage Chart**. In a rapid onset of a UTI, or flu for example, 10-12 drops Biocidin® three times a day and up to 6 capsules a day of Olivirex® may be used until improvement is seen. For food poisoning and stomach flu start with GI Detox™ 3-6 caps a day, then use Biocidin. If symptoms do not improve at all within the first day consider another intervention. We have had great feedback on this as long as the person can tolerate a higher dose. Results are typically seen in 1 to 2 days.

Maintenance use is 1/4 to 1/2 the moderate dosage level for another 3-6 months. (For example, if 15 drops of Biocidin® are used, then 5 drops could be used with 1-2 capsules a day of Olivirex® to maintain results.) Since many people with chronic issues have complications that weaken immune response, this is helpful to avoid recurrences. Many practitioners add Biocidin® if patients test positive for toxic metals or are undergoing chelation.