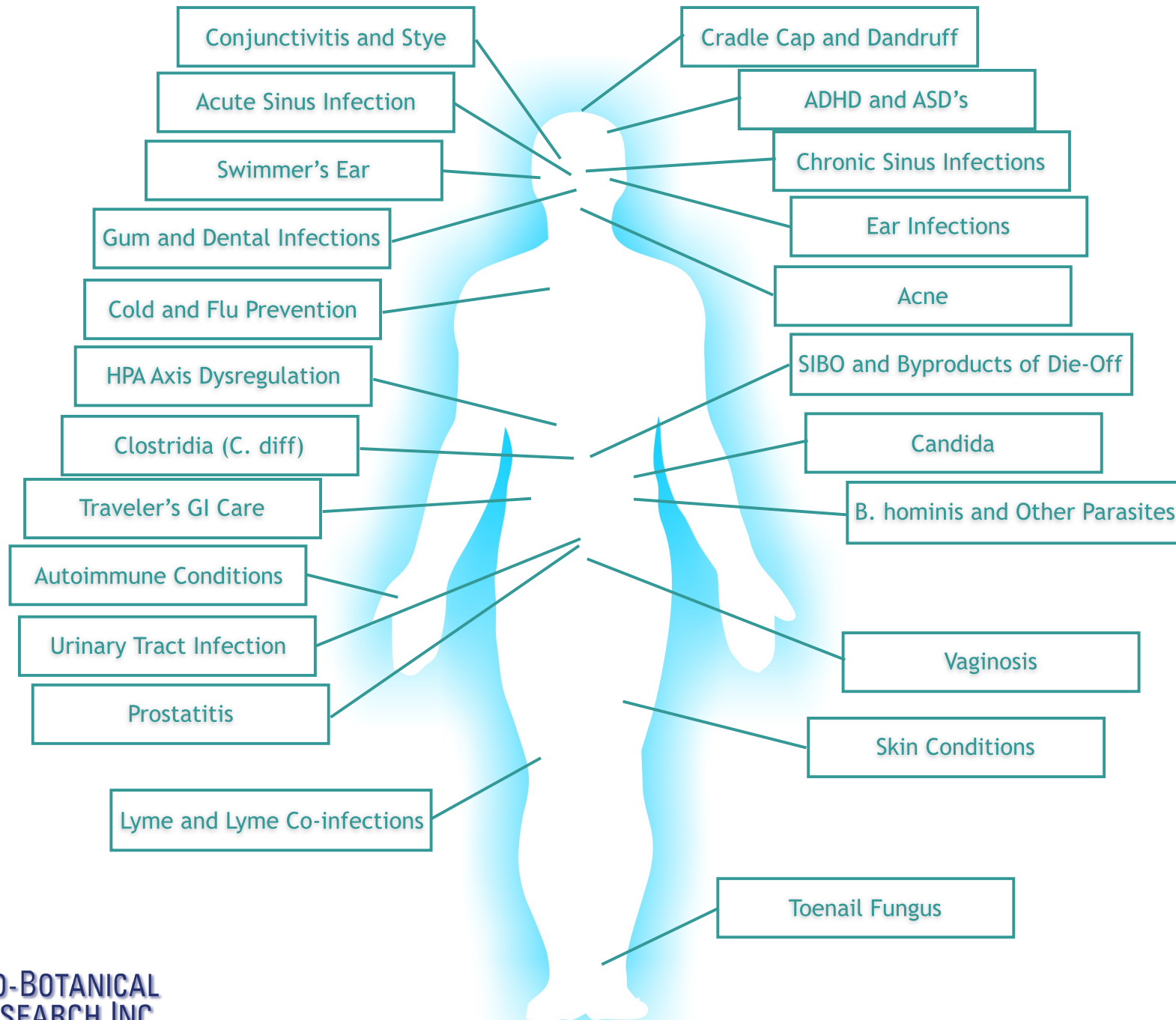


# Head To Toe Biocidin Applications

\*As reported by our network of practitioners



## Detailed product uses as reported by our practitioner network:

**Please note: “Beginning”, “Moderate” and “Maximum” tier usage amounts refer to those listed on the “Product Usage Guide” practitioner reference chart.**

**Acne** – Use small amounts of Biocidin LSF as a spot treatment overnight. Or use 2 pumps LSF as a mask, applied to the face for 20 minutes before rinsing off, twice per week. The Biocidin Liquid can be used topically instead, but the liposomal version has more efficient percutaneous absorption. Some prefer to use Biocidin Throat Spray topically because of the additional alcohol content drying effect, but this is a less common approach. A general G.I. cleansing internal protocol of Biocidin, G.I. Detox+, and Proflora 4R for 8-12 weeks, combined with the adoption of a supportive healing diet, can often be helpful in supporting resolution of the root causes of acne.

**Acute sinus infection with cold/flu** – Place 8-12 drops of Biocidin Liquid (or 1-2 pumps of Biocidin LSF) into a neti pot solution. Or add 8-12 drops of Biocidin Liquid (1-2 pumps LSF) to a 1 oz of bottle prepared saline solution nasal spray (some common drugstore brands have removable tops). Use several times daily until improvement is seen. Discard bottle after duration of cold/flu. In addition, use oral dosing of Biocidin Liquid or Biocidin LSF and Olivirex as directed on Product Usage Guide to support systemic immune response.

**ADHD and ASDs** – Tackle toxic by-products of intestinal dysbiosis by breaking down biofilm in the GI tract, and assisting in epithelial tight junction gut repair, with Biocidin Liquid, Biotonic, ProFlora 4R, and G.I. Detox+. The Biocidin and Biotonic amounts are titrated up from Beginning to Moderate and then Maximum levels per tolerance (this often takes 2-3 weeks). G.I. Detox+ and Proflora 4R amounts do not need to be titrated up, and are used continuously throughout the protocol. The products are used for 2-3 months continuously before either switching to Biocidin LSF to focus on systemic/lymph/nerve tissue clearance, or dropping down to a Maintenance amount (per the Product Usage Guide). ASD patients often benefit from an ongoing Maintenance level amount of Biocidin, beyond their initial cleansing protocol.

**Autoimmune Conditions** – Use Biocidin and G.I. Detox+ to break down and remove cytokine-inducing biofilm toxins, support tight junction repair, and support more appropriate antibody expression after an infection has cleared. Retraining the antibody expression can take some time, so Biocidin LSF is commonly used for a 6-8 month period before reassessing or evaluating the need to continue a Maintenance amount. The most significant reductions in autoimmune-related inflammatory symptoms are reported to begin from 6-16 weeks into the Biocidin protocol.

**Blastocystis hominis and Other Parasites** – Though most parasitic conditions clear within the 2-3 month common internal Biocidin and Biotonic protocol, one may need to extend protocol length, or cycle on and off Biocidin, for 6 months to a year in Blastocystis hominis cases. Usually the cycling/pulsing is done monthly, from several days before to several days after the full moon (when parasites are suspected to hatch and circulate). Biotonic is added to the protocol for enhanced digestive and anthelmintic support. G.I. Detox+ and Proflora 4R can be added to any parasite protocol, for toxin binding and intestinal-hyperpermeability-healing support.

**Candida** – Use Biocidin, Proflora 4R, Biotonic, and G.I. Detox+ to address overgrowths of yeast, mold, or fungus. This multi-pathogen GI cleansing protocol includes Biocidin and Biotonic titrated up slowly from Beginning to Moderate to Maximum tier use, and then continued until the total protocol length has reached the standard 2-3 months. Proflora 4R and G.I. Detox+ do not need to be titrated up over time, and are used consistently throughout. Biotonic is a key addition for suspected or confirmed Candida, as it will help to suppress the yeast-to-hypha transition and keep the protocol length down to the 2-3 month minimum.

**Chronic sinus infections, mold/fungal/MARCoNS** – Place 8-12 drops of Biocidin Liquid (or 1-2 pumps of Biocidin LSF) into a neti pot solution. Or add 8-12 drops of Biocidin Liquid (1-2 pumps LSF) to a 1 oz of bottle prepared saline solution nasal spray (some common drugstore brands have removable tops). Use several times daily until improvement is seen, usually within 4-6 weeks. One can also use 5 drops of Biocidin Liquid (or 1 pump of Biocidin LSF) in a nebulizer with mask or nasal cannula attachment. The Biocidin is added to prepared solution to the fill line (depending on manufacturer). Use 1-3 times daily until symptoms are resolved, or up to 4-6 weeks for chronic cases. In addition, use oral dosing of Biocidin LSF as directed on The Product Usage Guide chart for the same duration to support systemic immune response.

**Clostridia (C. diff)** – Use Biocidin, Proflora 4R, Olivirex, and G.I. Detox+ to address stubborn Gram-negative bacterial strains. This GI cleansing protocol includes Biocidin and Olivirex titrated up slowly from Beginning to Moderate to Maximum tier use, and then continued until the total protocol length has reached the standard 2-3 months. Proflora 4R and G.I. Detox+ do not need to be titrated up over time, and are used consistently throughout. Olivirex is a key addition for suspected or confirmed Clostridia, as it will accelerate the clearance of Clostridia, and keep the protocol length down to the 2-3 month minimum.

**Cold and Flu Prevention** – Take 1-2 capsules of Olivirex daily for cold and flu season defense, when exposed to others who may be ill. Biocidin Throat Spray can be used daily as a preventative in any situation where one is commonly exposed to immune threat like airplanes, clinics and classrooms. The taste of the Biocidin Throat Spray is even well tolerated by children, for use at the first sign of exposure. If symptoms of Cold & Flu or acute pharyngitis begins, immediately use Biocidin Throat Spray every half hour, and 2 Olivirex capsules 3-4 times a day, until resolved.

**Conjunctivitis and Stye** – You can use Biocidin LSF topically on the skin around the eye, but not directly in it. This topical use will help to support a healthy immune response in the eye. Biocidin LSF can also be used internally during this topical protocol, to support healthy systemic immune response.

**Cradle Cap and Dandruff** – Apply Biocidin LSF directly to scalp for a 20 minute “mask” prior to washing hair. Or mix several drops of Biocidin Liquid into a small handful of conditioner before applying as usual, with thorough application to the scalp. This should remain on the scalp for several minutes before rinsing off, every day until resolved.

**Ear infections** – Ear infections may be addressed by placing 3 drops Biocidin Liquid (or 1 pump LSF) into the affected ear canal, holding it in place for several minutes using head tilt, and then allowing it to drain out completely. This is repeated daily until pain and redness have subsided. Rinsing

out the affected ear canal with a few drops of hydrogen peroxide solution following the Biocidin can help to thin out the Biocidin Liquid so that it can drain out completely. Use of Biocidin Throat Spray several times a day in addition can provide extra local immune support.

**Gum and Dental Infections** – For acute conditions, swish with 2 pumps Dentalcidin LS for 2 minutes after brushing the teeth with Dentalcidin toothpaste, up to three times per day. The dental care products are spit out after use. For chronic conditions, Dentalcidin toothpaste and/or Dentalcidin LS can be used 1-3 times daily until symptoms resolve. Dentalcidin toothpaste and/or Dentalcidin LS can be used 1-2 times daily as maintenance.

**HPA Axis Dysregulation** – Use Biotonic to optimize energy levels, sleeping patterns, and digestion during and after a depleting illness and/or hormonal disruption. Unlike most other adaptogenic herbal formulas, Biotonic does *not* contain Ashwaghandha- a nightshade vegetable which many chronically ill people cannot tolerate. Biotonic can be added to any protocol, to support nutrient absorption and proper stress/energy balance. Proflora 4R can also support hormone synthesis in the gut, through positive changes in the microbiome.

**Lyme and Lyme Coinfections** – Use Biocidin LSF and Olivirex to support clearance of Borrelia and common co-infections of Lyme. G.I. Detox+ is helpful to include in the first few months of any chronic issue protocol, to mop up the toxic byproducts of Lyme biofilm breakdown. Biotonic is helpful to include in any protocol in which the patient needs additional nutrient absorption and energy/stress balancing support. ProFlora 4R is also recommended to assist in restoring intestinal barrier function in a chronically ill patient. IgM (recent exposure) Lyme protocol is comprised of Biocidin LSF and Olivirex used at Maximum tier amounts for 2-3 months. Chronic/neuro Lyme protocol is comprised of the same products, but with the amounts titrated up slowly from Beginning to Moderate to Maximum tier use, and then continued until the total protocol length has reached 6-8 months. Proflora 4R and Biotonic are also strongly recommended additions to the chronic Lyme support protocol. These acute and chronic support protocols are the same regardless of concomitant antibiotic use.

**Prostatitis** – Use Biocidin capsules as rectal suppositories nightly, for anti-inflammatory support as well as antimicrobial support. Since biofilms are generally considered major players in chronic prostatitis, it is recommended to use Biocidin LSF orally as well, with 2 capsules Olivirex, twice a day for a common 2-3 month protocol length. After this 2-3 month biofilm and overgrowth cleansing protocol, suppository use can continue weekly or bi-weekly as needed for ongoing preventative care.

**SIBO and Byproducts of Die-off** – SIBO clearance is best supported by a protocol comprised of Biocidin, Olivirex, ProFlora 4R, and G.I. Detox+, titrated up slowly from Beginning to Moderate to Maximum tier use, and then continued until the total protocol length has reached the standard 2-3 months. While Biocidin alone is efficient at supporting clearance of hydrogen-producers, the Olivirex is needed to clear the methane-producers in a timely manner. Use G.I. Detox+ for biotoxin binding support in any case where dietary fiber intake is suspended. Proflora 4R is a “SIBO-safe” and helpful probiotic, with additional intestinal permeability supportive botanicals.

**Swimmers Ear** – Dry up excess water and dismantle biofilms in the middle ear with 3 drops of Biocidin Throat Spray dropped into the ear canal, held in place for several minutes using head tilt, and then allowed to drain out completely. This can be performed every time that water becomes trapped in the ear canal, as needed.

**Skin Conditions** – Apply diluted Biocidin LSF directly to affected skin and allow to absorb/dry before covering.

**Toenail Fungus** – Apply Biocidin LSF directly to clean, dry toenail daily. Allow to absorb and dry before covering. Because toenails can take up to one year to regrow out completely with new and healthy tissue, this may be one of the longest protocols. However, improvements in the skin surrounding the nail bed, and the new nail growth can usually be seen within weeks of Biocidin topical use as described. It is recommended to use Biocidin LSF orally 2-3 times a day in addition to topical use, for the common 2-3 month internal protocol, to support systemic yeast cleansing.

**Traveler's GI Care** – For prevention when food or water quality may be compromised, one capsule of Biocidin and one capsule of Olivirex can be taken with a meal each day. One capsule of Proflora 4R can be taken at bedtime for additional preventative support. If experiencing symptoms of GI distress, then two capsules of G.I. Detox+ can be taken immediately. This can be repeated every 2-3 until symptoms are needed. However, as a binding agent, G.I. Detox+ must still be taken at least one hour apart from any other food/drink/electrolytes, supplements or medications.

**Urinary Tract Infection** – Use Biocidin LSF and Olivirex at Maximum (acute) level for anti-inflammatory as well as astringent urinary tract support. This Maximum level, TID, UTI protocol usually does not need to continue for more than one week, and is often complementary to an antibiotic drug regimen. Chronic UTI (from frequent catheterization, etc) prevention can be supported by ongoing Maintenance level use of Biocidin and Olivirex.

**Vaginosis** – Use Biocidin capsules as suppositories 1-2 times daily as needed during active symptoms, for anti-inflammatory support as well as antimicrobial support. Since biofilms are generally considered major players in vaginosis (also candidiasis), it is recommended to use Biocidin LSF and Proflora 4R orally for internal support during the common 2-3 month protocol length, while using the suppository Biocidin capsules for more direct application. After this 2-3 month biofilm and overgrowth cleansing protocol, suppository use can continue weekly or bi-weekly as needed for ongoing preventative care. The liquid Biocidin may also be used in a douche solution, 12 drops per 8 oz warm water.