

Bismuth Thiol Complex – Dr. Paul Anderson

Created to treat biofilms by Dr. Paul Anderson. The formation of a biofilm is survival for bacteria and fungi to adapt to their environments. This process makes the bacteria and fungi tolerant and resistant to antimicrobials and immune responses and thereby increasingly difficult in clinical treatments.

(Rx Version) Average Adult Dose:

Week 1: 1 capsule daily – on empty stomach (Including no prescriptions or supplements) with a full glass of water (cycle dose 4 days per week on the medicine and 3 days per week off the medicine)

Week 2-12: 1-2 capsules daily – on empty stomach (Including no prescriptions or supplements) with a full glass of water (cycle dose 4 days per week on the medicine and 3 days per week off the medicine)
If flare occurs (“herx”, systemic or dermatologic inflammation, etc.) give 1-2 extra doses which seems to clear up inflammatory reactions

(Rx Version) Average Pediatric Dose (40 pounds or higher):

Week 1: 1 capsule every other day for 3 doses that week with a large glass of water – empty stomach (Including no prescriptions or supplements)

Week 2-12: 1 capsule daily with a large glass of water- empty stomach including no other supplements or medications (cycle dose 4 days per week on the medicine and 3 days per week off the medicine)

(OTC) Average Adult Dose:

Week 1: 1 – 2 capsules daily – on empty stomach (Including no prescriptions or supplements) with a full glass of water (cycle dose 4 days per week on the medicine and 3 days per week off the medicine)

Week 2-12: 2 – 3 capsules daily – on empty stomach (Including no prescriptions or supplements) with a full glass of water (cycle dose 4 days per week on the medicine and 3 days per week off the medicine)
If flare occurs (“herx”, systemic or dermatologic inflammation, etc.) give 1-2 extra doses which seems to clear up inflammatory reactions.

“Biofilm GI Prep” Dosing:

In some cases where GI testing has been unrewarding, we find doing biofilm work prior to the next stool test yields better results.

In these cases, using the dosing above but every day for two weeks, then collecting the stool sample, has improved test sensitivity.

Cautions and clinical notes from Dr. Anderson:

Based on our first 1000 doses given to patients:

1. If this is ingested away from food or other medications it is compatible with all prescription and natural anti-infective treatments.
2. Taking this with food will significantly decrease efficacy. If absolutely required applesauce or other crushed or puree fruit are best. Do not use yogurt or other calcium containing products
3. The patient should be taking a multi-mineral supplement daily (but not with this medication) to offset the mineral displacement and phase-2 detoxification increase caused by the ingredients. Any moderate multi-mineral supplement that contains trace elements is acceptable.

4. If the patient experiences increased muscle cramping assure proper daily hydration, have them take a week off the Biosolve and take double the mineral supplements that week. Normally hydration reverses any muscle cramping symptoms and happened in less than 0.1% of doses studied.
5. While 12 weeks is the usual induction dose patients may be treated for biofilm long term using this medication. Our long-term dosing is typically 50% of the original therapeutic dose.

Formulas:

Rx formulas can be made by a compounding pharmacy: {"Version-1" is the original, but "Version-2" is equivalent and dose is adjusted to DMSA as a sub for DMPS in case DMPS availability is poor.}

Version-1

DMPS 25mg/ Alpha Lipoic Acid 100mg/ Bismuth Subnitrate 200mg per Capsule

Version-2

DMSA 100mg/ Alpha Lipoic Acid 100mg/ Bismuth Subnitrate 200mg per Capsule

Sources:

Rx Sources:

Canada:

Rx: *Any compounder can make it but not all have ingredients – check prices first.

- Longevity Compounding Pharmacy in New Westminster, BC
- York Downs Pharmacy in Ontario

USA:

Rx: *Any compounder can make it but not all have ingredients – check prices first.

- Clark's compounding in Bellevue, WA.
- Healthcare pharmacy
- Specialty Compounding, Lake Oswego, OR
- Koshland Pharmacy T: 415.344.0600 www.koshlandpharm.com San Francisco, CA

Over the Counter Sources:

US

- Priority One Vitamins "Biofilm Phase-2"

Canada:

- Signature Supplements (ask for the "bismuth-thiol" formula)

Resources:

FREE RESEARCH REVIEW:

<https://ndnr.com/gastrointestinal/biofilms-what-have-we-learned-from-the-research/>

FREE WEBINAR:

Go to Priority One Vitamins Website, search "Biofilm" and on the product page is a link.

FREE PODCAST:

Go to podcast #2 here: <https://dralearn.com/>