

## Methylation Error Protocols (Nucleic)

Methylzyme should always be used for Methylation errors. Methylation is the lack of the substance known as Methyltetrahydrofolate. This is what the liver doesn't produce in MTHFR error. So Methylzyme is a liposome that delivers that substance directly to the cell. Methylated Bs do not contain methylfolate, therefore they are incapable of correcting any errors. The liposomal delivery ensures it gets to the cells and does not get lost in digestive juices and breaks down. **Methylzyme contains 5-Methyltetrahydrofolate and Calcium Folate + Methylcobalamine (B12) + Trimethylglycine and SAM-e.**

### **MTHFR C677T**

One function of MTHFR (Methylenetetrahydrofolate reductase) is to help convert homocysteine to methionine. A MTHFR C677T mutation means that the MTHFR enzyme may have trouble performing its task leading to high levels of homocysteine. According to Dr. Ben Lynch, impaired function of the enzyme **can cause or contribute to conditions such as Autism, Chronic Fatigue Syndrome, Fibromyalgia, Miscarriages, IBS, many birth defects, Multiple Sclerosis, Alzheimer's, Bipolar Disorder, blood clots, Stroke, Chemical Sensitivity, and many other conditions.** MTHFR C677T can also lead to high homocysteine. High levels of homocysteine can be related to MTHFR C677T mutations. While homozygous (+/+) or heterozygous (+/-) mutations indicates reduced activity of this enzyme, it does not necessarily mean there will be **high homocysteine levels** in a clinical setting. As S-adenosylhomocysteine (SAH) accumulates, the COMT enzyme may become impaired. Inhibition of COMT can increase dopamine levels in COMT V158M (-/-), but for those with COMT V158M (+/+), the high level of SAH can lead to **behavior problems and mood swings** according to Dr. Amy Yasko.

- Use Methylzyme as a base then add other products for specific issues

### **MTHFR A1298C**

MTHFR A1298C is involved in converting 5-methylfolate (5MTHF) to tetrahydrofolate (THF). Unlike MTHFR C677T, the A1298C mutation does not lead to elevated homocysteine levels. This reaction helps generate BH4. BH4 is **important for the detoxification of ammonia.** The gene is compromised about 70% in MTHFR A1298C (+/+) individuals, and about 30% in people with a heterozygous (+/-) mutation. BH4 **acts as a rate limiting factor for the production of neurotransmitters and catecholamines including serotonin, melatonin, dopamine, norepinephrine, and epinephrine.** A MTHFR A1298C + status may cause a decrease in any of these neurotransmitters or catecholamines. BH4 is also a cofactor in the production of nitric oxide. A dysfunctional BH4 enzyme **may lead to mental/emotional and/or physical symptoms. Mercury, lead, and aluminum may act as a drain** on BH4.

- Use Methylzyme and InstaMalt as a base then add other products for specific issues.

- Serotonin: Mood Stabilizer
- Melatonin: Insomnia, Sleep Disorders, Circadian Sleep Disorders
- Dopamine: Chemical Messenger, How we feel pleasure
- Norepinephrine: Increases alertness and arousal, Speeds reaction time, Mood and Ability to Concentrate
- Epinephrine: Hormone and Neurotransmitter used to treat allergic reactions, restore cardiac rhythm, control mucosal congestion, glaucoma, asthma

- A1298C MTHFR Error – InstaMalt, Methylzyme, Liposomal Vitamin D, The Field
- ADHD: Radial Furrow in the Obsessions Reaction Field
- Allergies: Add liposomal C and Allercil
- Alzheimer's: Neurogliacil, Liposomal Glutathione, Acetyl L Carnitine. Can add Neuroinflammacil if you are suspecting neuroinflammation. Another one to look for is if the person is snoring and has sleep apnea. You would add Apnetem. If they're forgetting speech, add IntestaMALT. It depends on the case.
- Aneurism: Copper deficiency
- AQP Aquaporin Error: (Lipemic Diathesis): Neurogliacil
- Autoimmune Conditions: All need Liposomal Vitamin D and Liposomal Vitamin C. Adrenals produce epinephrine and also brings down histamine for mast cell DE-activation.
- BRCA2 Diagnosis: CellTem, Methylzyme, Lymphocil (BRCA is a gene that codes for breast cancer. The breast is primordially lymph tissue. Therefore, we would need to drain the lymph.) Secondly, methylation is a process in the liver which also regulates estrogen. High levels of estrogen are related to breast cancer. Therefore, we need to be very mindful of this and support it further not just with methylzyme but also with CellTem as these people are at more risk.
- Anisocoria/Concussion: Neurogliacil, Neuroinflammacil, Glutathione & Cerebellutem
- Anticipatory Anxiety: The Field and Pantothenic Acid
- C677T MTHFR Error: Methylzyme
- Cancer: CellTem, Lymphocil
- Cataracts: Oxaltem & Neurogliacil
- Cholesterol: Gallcil (contains cholesterol nodode and Ox Bile)
- Concussion: Neurogliacil, Neuroinflammacil, Glutathione & Cerebellutem, The Field
- COPD: Apnetem, Oxaltem, Glutathione, Berberine, Vitamin D, InstaMALT
- Cough Attacks: Influnseg has Ipecacuanha in it which is also good for viruses.
- Covid/Viruses: CellTem, Glutathione, Olive Leaf Extract, Influnseg
- Diarrhea and Friendly Flora: InstaMalt
- Double Collarette at the Heart Reaction Field: Use The Field
- EMFs and 5G: Frequenseg
- Estrogen Dominance – Gallcil & Methylzyme
- Fibroids (Uterine): Curcumin Liposome, Methylzyme, CellTem, DIM
- Gallbladder Drainage, Pain, Stones: Gallcil
- Hemochromatosis (High iron in the blood): Liposomal Vitamin C, Methylzyme, Liposomal Curcumin, and CellTem
- High Blood Pressure: Most people with high blood pressure have sleep apnea. The Hypothalamus along with the adrenals and kidneys balance sodium and potassium which is responsible for keeping your blood pressure regulated. Any change or negative feedback loop created in this complex and influential system can create an issue. Use Apnetem, Acetyl L Carnitine, and Lymphocil
- High Homocysteine Levels: Liposomal C, Glutathione, Methylzyme, Curcumin Liposome
- Hormone Balance: Gallcil or Hypothaltem
- Hypoglycemia – HY-C and InstaMalt
- Immune System: Glutathione and Vitamin D Liposome
- Incontinence (Women): Berberine (3 caps 3x/day)
- Infections: Lymphocil
- Inflammation: Curcumin Liposome
- Insulin Resistance – Berberine

- Joints – Curcumin, Oxaltem, Inflammacil
- Low Blood Pressure: Low blood pressure can be a result of dehydration and low chloride. It's also related to adrenal function. Amyg Reg has chloride which will help pick up those adrenals. Also use Liposomal Vitamin C.
- Lymphatic Drainage Issues: Lymphadema, Boils, Swollen Glands: Lymphocil
- Medication Toxicity: Charcoal, TRS
- Miscarriages: The Field for emotions, Test thyroid for Hashimoto's. Red Raspberry capsules helps to prevent miscarriages.
- Mold: TRS and Lymphocil
- MS: Methylzume, Glutathione, Neurogliacil
- Neurological Issues: Most neurological disorders have no blood test. In the iris we can detect it by multiple radial furrows in the brain zone and a brown pigment.
- Neurotransmitters: Neuroinflammacil
- Poisoning by Food: Usually gone in 24-48 hours. Charcoal is best for this.
- Repairing the Lungs after Covid: Glutathione, NAC
- Parasites: Berberine and Galcil
- PCOS (Polycystic Ovarian Syndrome): Caused by too much testosterone. Use Berberine.
- POTS: Amyg Reg contains chloride and sodium which will help POTS being that it helps with blood pressure. Cerebellutem is also very good for it.
- Prostate Cancer: CellTem, Methylzume, Silver
- PSA High Score: PSA stands for Prostate Specific Antigen. It's looked at as a tendency to cancer. Use Hema Ether as it has phyto estrogens to lower it as well as CellTem. This is where CellTem comes into play.
- Pseudotumor/Pressure on the Optic Nerve/Increased Intracranial Pressure: Look for vertical ellipse in the pupil. Acetyl L Carnitine, Neurogliacil with Neuroinflammacil.
- PTSD: Neurogliacil, Glutathione & Cerebellutem
- Repairing the lining of the gut: Glutamine Complex and InstaMalt
- Radiation Protection: Glutathione, Vitamin D, Noni Juice
- Rheumatoid Arthritis: Mammilations or methylation errors. Use methylzume, liposomal D and 3 teaspoons of Liposomal C a day to bring down white blood cells.
- Scar Tissue: Oxaltem
- Skin Eruptions: Berberine, Hema Ether and Lymphocil. Berberine kills bacteria, Hema Ether cleanse the blood and kidneys, and Lymphocil re-establishes immune function and proper drainage.
- Violence Associated PTSD: Stramonium (Use The Field until available) Flower Essence
- Viruses: Influnseg has Ipecacuanha in it which also helps with cough attacks.
- Vitamin D: Range is 30-80, 80 is high range of normal. Anything over 80 is too high.

### Thyroid:

- TSH Lower than 0.4 – Excitatory along with Glutamine Complex and Liposomal Vitamin D. No Methylzyme. Hyperthyroid.
- TSH Higher than 0.4 – Glutamine Complex and Liposomal Vitamin D. Then not hypothyroid
- Hashimoto's is a form of underactive or hypoactive thyroid but not the only cause. Use only Glutamine Complex and Liposomal Vitamin D. Can't take iodine.
- Graves – cause of hyperthyroidism
- Temp under 98.6 = low thyroid
- Check pH – If saliva pH is not 6.3-6.6 thyroid can't accept iodine
- 10 fingernail moons – 10% thyroid function per fingernail

### Amyg Reg

- Low blood pressure
- POTS: Contains chloride and sodium which will help POTS

### Apnetem

- Alzheimer's
- COPD
- High blood pressure
- Sleep Apnea (snoring)

### Berberine:

- Acne (Skin)
- Diabetes (Blood Sugar)
- Diarrhea from Clostridia Difficile (diarrhea, belly pain & fever - colitis from antibiotic use)
- Infections
- Leaky Gut from Clostridia perfringens & paraprutificum (Anaerobic bacteria are a major component of the human microflora residing on mucous membranes.)
- Lyme's Disease
- Ovaries (PCOS)
- Reduction of M2 Microglial activation

### CellTem:

- Genetics relating to cancer (BRCA 1&2, Check 2 Chart)
- BRCA is a gene that codes for breast cancer. The breast is primordially lymph tissue. Therefore we would need to drain the lymph.
- Secondly, methylation is a process in the liver which also regulates estrogen. High levels of estrogen are related to breast cancer. Therefore we need to be very mindful of this and support it further not just with methylzyme but also with CellTem as these people are at more risk.
- Autism Spectrum/ ADD-ADHD
- Cancer/Cell Mutations
- Cell Metabolism RNA and DNA Fortification and Regulation
- Chemical Exposures
- DNA and RNA based Vaccination
- Genetic Disorders
- Radiation Exposure
- Cachexia
- Has Yarrow in it to stop bleeding

### Cerebellutem

- For the relief of symptoms related to:
- Dizziness
- Jitters
- pain in base of head

### Curcumin Liposome (Active ingredient in Turmeric):

- Encourages a healthy inflammatory response\*
- Helps safeguard your body at the cellular level\*
- Supports your body's immune, circulatory and glandular systems\*
- Lowers high bilirubin
- Joint swelling and pain with OxyItem and Neuroinflammacil
- Blocks Estrogen

### Excitathyrotem:

For the minor effects of Increased Metabolism such as:

- Anxiety
- Heart Palpitations
- Irritability

### Gallcil

- Gallbladder Drainage
- Gallbladder Pain
- Gallbladder Stones
- Regulation of Progesterone
- Regulation of Cholesterol
- Hormone derived from Cholesterol such as DHEA

### Glutathione Liposome:

- Asthma COPD, Lungs
- Blood Brain Barrier
- Cellular Antioxidant (Intra and Extracellular)
- Chronic Fatigue
- Head Injury
- Immune Regulation
- Nervous System Antioxidant
- Sulfation- Methylation
- Viral Inactivation

### Hema-Ether

- Skin eruptions
- Cleanses blood and kidneys

### Hypothaltem

- All functions of the hypothalamus
- Hormone regulation
- Mood regulation
- Weight regulation
- Hunger and thirst
- Sessiation

### Influenseg

Cough attacks

Viruses

### InstaMalt:

- Calcium Channels
- Gut Permeability
- Head/Brain trauma
- HPA Axis
- Immune/Autoimmune
- Intestinal Bacteria Support
- Neuroplasticity Initiation
- Verbal/Learning

### Methylzyme:

- ADD/ADHD
- Adrenal / Thyroid Insufficiencies
- Aspergers / Autism
- Cardiac insufficiencies
- Folic Acid B12 Anemia
- Homocysteinemia
- Mercury Toxicity
- Metabolic Syndromes
- Methylation Cycles / Pathways

### Lymphocil:

- Proper immune function and drainage from breasts and other lymphatic tissues.
- Infection
- Swollen Glands
- Lymphadema
- Boils
- Tumors
- Lymphatic Drainage
- Circulation
- Contains a remedy for each of the lymphatic organs and tissues

### NAC:

- Promotes Healthy Cellular Glutathione Levels & Encourages Liver Health & Function.
- Precursor to Glutathione.
- Used to heal the lungs after Covid or COPD

### Neurogliacil:

- Anti-aging
- Anxiety/Fear
- Head trauma Brain
- HPA Axis
- Immune Support
- Learning and Cognition Function
- Memory loss
- Neurological Disorders
- Pathogen Detox

### Neuroinflammacil:

- Diminished Memory
- Fatigue
- General Weakness
- Headache
- Inflammation
- Irritability
- Poor Concentration

### Methylzyme

- Methylation errors

### Oxaltem

- Cataracts
- Scar Tissue
- COPD
- Joints

### The Field (Flower Essence)

- Anxiety
- Depression
- Forgiveness
- Head trauma
- Life's direction
- Spiritual ambiguity
- Subtle body balancer

### Vasovin:

- Alzheimer's
- Blood Purpas
- Capillary Fragility
- Cataracts
- Connective Tissue Disorders (High Vitamin C content)
- Glaucoma
- Joint Disease
- Peripheral & Micro-Circulation (Brain Extremities)
- Retina
- Reynaud's
- Varicose Veins

### Vitamin C Liposome

- Nano Liposomal Technology delivered high grade vitamin C

### Vitamin D3 Liposome

- For low Vitamin D, Thyroid
- Most neurotransmitters are found in the small intestine and created there.
- TSH is a neurotransmitter.
- Vitamin D is required for the synthesis of T4 to T3 in the thyroid it is also a natural steroid and brings down Inflammation.
- Benefits of vitamin D: Vitamin D helps regulate the amount of **calcium** and phosphate in the body. These nutrients are needed to keep **bones**, teeth and muscles healthy.
- A lack of vitamin D can lead to bone deformities such as rickets in children, and bone pain caused by a condition called Osteomalacia in adults.
- Contains Vitamin K