



ABOUT US



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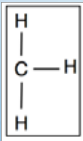


What Is Methylation?




What Is Methylation?

- A biochemical process taking place in every cell of the body, continuously
- The addition of a methyl group (CH₃) to a substrate

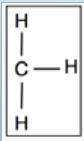


Methylation is Essential For


- Genetic expression
- DNA & RNA synthesis and repair
- Biosynthesis of active form of B-12 (methylcobalamin)
- Biosynthesis of active form of Folate (5-methyltetrahydrofolate)
- Neurotransmitter synthesis
- Detoxification/biotransformation: Glutathione synthesis, SOD synthesis, processing of heavy metal & chemical toxins, estrogen methylation
- Myelination of nerves, lipid methylation
- Cardiovascular & endothelial health: synthesis & removal of homocysteine, nitric oxide synthesis/urea cycle function
- Immune cell synthesis: NK cells, T cells
- Blood clotting
- Healthy pregnancy



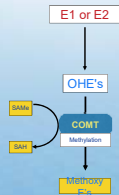
Common Issues Which May Involve Methylation



- Birth defects
- Estrogen dominance
- Autoimmune conditions and immune disorders
- Heart disease or genetic heart disease history
- Anxiety, autism, depression, bipolar, schizophrenia, OCD, ADD/ADHD, etc
- Environmental chemical toxicity and/or intolerance
- History of toxic metal poisoning
- Cancer
- Viral infections
- Diabetes
- Neurological inflammatory conditions: lyme, MS, ALS, Parkinson's, Alzheimer's, Huntington's, Wilson's




What Else Requires Methylation? Estrogen




Estrogen Methylation


- Necessary to detoxify/biotransform hydroxy estrogens
- Inactivates potentially harmful estrogens such as 4OHE1 and 4OHE2
- Methoxy estrogens are anti-cell proliferative & possibly therapeutic




Testing Methylation Activity



- Vitamin Diagnostics methylation blood test
- Doctor's Data methylation blood test
- Whole blood histamine
- Assessment of promoters & cofactors: OAT testing, amino acid testing




The Problem with "Treating" Methylation & Genetics




- Take this supplement for this gene (doesn't work in practice)
- Inherited genes don't change, but expression can
- Must treat the whole person, not just the individual parts
- There is a time to promote methylation, and certain instances when you don't want to

SOLUTION:

- A comprehensive, individualized & holistic approach



The MTHFR, Methylation & Biochemistry Master Course



- Simplification of complex concepts
- Lab Test interpretation
- Understanding methylation & genetics from a clinical perspective
- 3 modules, 16 hours of in-depth content
- Additional bonuses: talk to us at the table outside

