



INFO-DOC: METHYLENE BLUE

Methylene blue's benefits include treating methemoglobinemia, a rare blood disorder, and it is used as a surgical dye. It also shows potential as an anti-aging agent, for cognitive support by boosting mitochondrial function, and as an adjunct therapy for certain psychiatric conditions like depression and anxiety. Its other applications involve aiding in pain management and being explored for its effects against cancer, certain infections, and in photodynamic therapy. [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]

Medical treatments

- **Methemoglobinemia:** Methylene blue is an approved treatment for this rare blood disorder, which prevents hemoglobin from carrying oxygen effectively. [1, 2]
- Surgical and diagnostic dye: It is used to stain tissues for better visibility during surgery and to help identify damaged or leaky areas. [1, 8]
- **Antidote:** It can be used to treat certain drug toxicities and is sometimes used for effects of cyanide poisoning. [1, 8]
- **Cancer therapy:** When used with light, methylene blue is being explored for its potential to destroy cancer cells in photodynamic therapy. [8, 9]
- **Pain management:** It is used for pain relief, particularly for conditions like oral mucositis, which can be a side effect of chemotherapy. [8, 11]

Potential and emerging benefits

- **Cognitive support:** By enhancing mitochondrial function and acting as an antioxidant, it may help improve cognitive clarity, focus, memory, and combat age-related cognitive decline and neurodegenerative diseases. [3, 4, 7, 12]
- **Anti-aging:** Due to its role in cellular energy and its antioxidant properties, it is being researched as a potential anti-aging agent. [3, 4, 13]
- **Mental health:** Small studies suggest it could help with mood disorders like depression and anxiety by modulating certain brain chemicals and reducing oxidative stress. [3, 5, 6]
- **Mitochondrial and energy support:** It is being investigated for conditions like chronic fatigue and long COVID due to its ability to support cellular energy metabolism. [5]
- Antimicrobial/Antiviral: It has shown potential as an antiviral agent and has been studied for use against certain bacteria and fungi. [5, 10]



Important considerations

- Consult a healthcare provider: Due to potential risks and interactions with other medications (such as serotonin syndrome risk), methylene blue should only be used under the guidance of a healthcare professional, and self-medication is not recommended. [14]
- **Off-label use:** Many of the reported "brain-boosting" or anti-aging benefits are not FDA-approved and require more research. [10, 14, 15, 16]

More information

Methylene Blue: Miracle Cure or Medical Myth? Dr Brandon Crawford, DC, FIBFN-CND https://yourbesthealthy.life/page-2.php?nid=87

The benefits of Methylene Blue: What is Methylene Blue, is it safe? What dosages to take. YOUTUBE: Is Methylene Blue worth the RISK? Dr. Boz [Annette Bosworth, MD] https://yourbesthealthy.life/page-2.php?nid=85

Methylene Blue: YOUTUBE: Expert Answers the Internet's Top Questions About Methylene Blue | Don't Look Up

https://yourbesthealthy.life/page-2.php?nid=86

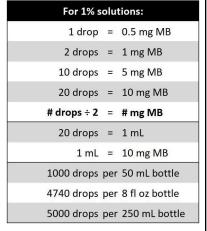
Mel Gibson talks about friends who are cancer free after using OTC supplements like Ivermectin, Fenbendazole and METHYLENE BLUE: https://yourbesthealthy.life/page-2.php?nid=20



PURCHASE OPTIONS: https://amzn.to/4ocHAKE









SOURCES

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- [4] https://pubmed.ncbi.nlm.nih.gov/34943887/
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