

# Methylene Blue

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In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2023 Jan. 2023 Jun 26.

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PMID: 32491525 Bookshelf ID: [NBK557593](#)

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## Excerpt

Methylene blue is a medication used in the management and treatment of methemoglobinemia, a condition in which hemoglobin decreases its ability to carry oxygen. This activity reviews the indications, action, adverse effects, and contraindications for methylene blue as a valuable agent in the therapy of methemoglobinemia, vasoplegic syndrome, *Plasmodium falciparum*, and ifosfamide-induced encephalopathy, as well as for diagnostic purposes such as sentinel lymph node mapping during breast procedures and parathyroid gland mapping during parathyroidectomies. This activity will highlight the indications, mechanism of action, adverse event profile, and other key factors pertinent for members of a healthcare team managing patients with methemoglobinemia and related conditions.

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Disclosure: Devang Sanghavi declares no relevant financial relationships with ineligible companies.