

# Review of: "Photodynamic Therapy"

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The definition of “*Use of light-activated drugs (photosensitizing agents) to kill cancer cells.*” is too narrow and incomplete in modern medicine. Photodynamic therapy (PDT) is widely used in medicine across different specialties other than oncology alone, including but not limited to dermatology,<sup>[1]</sup> dentistry,<sup>[2]</sup> ophthalmology,<sup>[3]</sup> infectious diseases,<sup>[4]</sup> wound management, etc.<sup>[5]</sup> Therefore, the definition could be rewritten as: *Use of light-activated drugs (photosensitizing agents) to achieve therapeutic purposes.*

## References

- <sup>1</sup> Peiru Wang, Bo Wang, Linglin Zhang, Xiaojing Liu, et al. (2023). Clinical practice Guidelines for 5-Aminolevulinic acid photodynamic therapy for acne vulgaris in China. *Photodiagnosis and Photodynamic Therapy*, vol. 41 , 103261. doi:10.1016/j.pdpdt.2022.103261.
- <sup>2</sup> Mai Soliman, Elzahraa Eldwakhly, Alhanoof Aldegheishem, Ahmed Binobaid, et al. (2020). Familiarity and implementation of academicians of dental schools regarding the application of photodynamic therapy in dentistry: A need to incorporate in the dental curriculum. *Photodiagnosis and Photodynamic Therapy*, vol. 31 , 101897. doi:10.1016/j.pdpdt.2020.101897.
- <sup>3</sup> Ashok Kumar, Sandeep Shankar, Ankita Singh, Sanjay Mishra, et al. (2022). Photodynamic therapy in the treatment of circumscribed choroidal hemangioma: Current perspectives. *Photodiagnosis and Photodynamic Therapy*, vol. 39 , 103000. doi:10.1016/j.pdpdt.2022.103000.
- <sup>4</sup> Nicolas Yanten, Selene Vilches, Christian Erick Palavecino. (2023). Photodynamic therapy for the treatment of Pseudomonas aeruginosa infections: A scoping review. *Photodiagnosis and Photodynamic Therapy*, vol. 44 , 103803. doi:10.1016/j.pdpdt.2023.103803.
- <sup>5</sup> Analú Barros de Oliveira, Túlio Morandin Ferrisse, Carla Raquel Fontana, Fernanda Gonçalves Basso, et al. (2022). Photodynamic therapy for treating infected skin wounds: A systematic review and meta-analysis from randomized clinical trials. *Photodiagnosis and Photodynamic Therapy*, vol. 40 , 103118. doi:10.1016/j.pdpdt.2022.103118.