

Health in the media: can nail lamps cause cancer?

Gabriela Negrete-Tobar for Students 4 Best Evidence

February 2023

References

1. Baeza D, Sola Y, del Río LA, González R. Nail dryer devices: A measured spectral irradiance and labelling review. *Photochemical & Photobiological Sciences*. 2018;17(5):592–8.
2. Glossary: Ultraviolet Radiation [Internet]. Glossary: Ultraviolet radiation. [cited 2023Mar8]. Available from: https://ec.europa.eu/health/scientific_committees/opinions_layman/glossary/tuv/uv-radiation.htm
3. MacFarlane DF, Alonso CA. Occurrence of nonmelanoma skin cancers on the hands after UV nail light exposure. *Archives of Dermatology*. 2009;145(4).
4. Ratycz MC, Lender JA, Gottwald LD. Multiple dorsal hand actinic keratoses and squamous cell carcinomas: A unique presentation following extensive UV nail lamp use. *Case Reports in Dermatology*. 2019;11(3):286–91.
5. Zhivagui M, Hoda A, Valenzuela N, Yeh Y-Y, Dai J, He Y, et al. DNA damage and somatic mutations in mammalian cells after irradiation with a nail polish dryer. *Nature Communications*. 2023;14(1).