

Insights into laser safety considerations during COVID-19 pandemic

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The World Health Organization has recently defined the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) infections as a pandemic. The infection, which may cause a potentially very severe respiratory disease, now called coronavirus disease 2019 (COVID-19), has airborne transmission via droplets while less attention focused on aerosol transmission. Surgical smoke and plumes in laser clinics represent a source for aerosol particles. The aim of this article is to provide the authors' opinion for the correct use of "laser devices" in the COVID-19 emergency and to reduce potential risks of laser airborne contaminants.

Recent Publications

1. Nada HA, Elshabrawy MM, Ismail NI, Hassan ET, Jafferany M, Elsaie ML. [Therapeutic implications and role of serum sphingolipids on psoriasis severity after narrow band ultraviolet B treatment: A cross sectional controlled study.](#) *Dermatol Ther.* 2020 Nov;33(6):e13988. doi: 10.1111/dth.13988
2. Mohammed YF, Ibrahim HS, Elbarbary MA, Elsaie ML. [Comparative study of intralesional tuberculin protein purified derivative \(PPD\) and intralesional measles, mumps, rubella \(MMR\) vaccine for multiple resistant warts.](#) *J Cosmet Dermatol.* 2020 Oct 29. doi: 10.1111/jocd.13634.
3. Zaky MS, Abo Khodeir H, Ahmed HA, Elsaie ML. [Therapeutic Implications of topical cetirizine 1% in Treatment of Male](#)

[Androgenic alopecia: A case-controlled study.](#) *J Cosmet Dermatol.* 2021 Jan 8. doi: 10.1111/jocd.13940.

4. Ibrahim IM, Hasan MS, Elsabaa KI, Elsaie ML. [Pumpkin seed oil vs. minoxidil 5% topical foam for the treatment of female pattern hair loss: A randomized comparative trial.](#) *J Cosmet Dermatol.* 2021 Feb 5. doi: 10.1111/jocd.13976

5. Abdellatif AA, Hasan MS, Fahmy AM, Mahmoud OE, Elsaie ML. [Assessment of Enthesopathy in Patients with Acne Vulgaris: A Case Controlled Trial.](#) *J Cosmet Dermatol.* 2021 Feb 24. doi: 10.1111/jocd.14028.

Biography

Mohamed Lotfy Elsaie is an Expert in the field of Dermatology, cosmetic surgery and an author of more than 100 publications, 20 world class book chapters (including but not only the dermatology best-selling books (Fitzpatrick's Dermatology in General Medicine) and (cosmetic dermatology; principles and practice) Elsaie is an Awardee of the prestigious Egyptian state prize in medicine and the ribbon of excellence from the Egyptian government. He is currently a Professor of Dermatology National Research Centre in Egypt and affiliated as a voluntary instructor of Dermatology and Cutaneous surgery at the University of Miami Miller, USA.

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