

Deandra Toadvine MSN, RN, CNOR, CSSM
6726 Pinewood Place
Dayton, Ohio 45459
937-474-4775
deetoadvine@woh.rr.com

April 19, 2023

Chairman Huffman, Vice Chair Johnson, Ranking Member Antonio, and members of the Senate Health Committee,

Thank you for allowing me to testify today. My name is Deandra Toadvine. I am a Registered Nurse with 35 years of experience in Perioperative Nursing, with 25 of those years being in the operating room. I am here because Ohio needs to be a smoke-free state. I strongly support Senate Bill 86, the surgical smoke evacuation bill.

The reason for my support of Senate Bill 86 is the multiple health issues surgical smoke may cause. I believe surgical smoke has affected my health, as evidenced by many respiratory issues. I experience prolonged sinus and lung infections and frequent watering of my eyes. A study by Asdornwised et al.¹ (2018) surveyed 377 perioperative nurses regarding their health problems related to smoke and bio-aerosol exposures. They reported health problems including headache, sore throat, coughing/sneezing, weakness, eye irritation, nausea, dizziness, chronic bronchitis, and asthma. I have also witnessed these symptoms in my co-workers with the addition of cancer diagnoses with no hereditary or lifestyle explanations. Surgical smoke's health effects are clearly negative and can have devastating effects.

I ask you to consider my testimony and support this bill that deals with patient and workplace safety. Thank you again for the opportunity to testify in support of this bill. I will now take any questions you may have.

Reference

1. Asdornwised, U., Pipatkulchai, D., Damnin, S., Chinswangwatanakul, V., Boonsripitayanon, M., & Tonklai, S. (2018). Recommended practices for the management of surgical smoke and bio-aerosols for perioperative nurses in Thailand. *Journal of Perioperative Nursing*, 31(1), 33–41.
<https://doi.org/10.26550/311/33-41>