



January 17, 2014

The Honorable Elizabeth McCann  
Chair, House Health, Insurance and Environment Committee  
200 East Colfax  
Denver, CO 80203

Dear Chairwoman McCann:

**The American Osteopathic Association (AOA), the American Osteopathic College of Dermatology (AOCD) and the Colorado Society of Osteopathic Medicine (CSOM) are writing to strongly encourage you to support HB 1054.** This bill would prohibit the use of artificial tanning devices by minors under the age of 18 unless the use is prescribed by a physician. The AOA, AOCD and CSOM support imposing appropriate safety precautions and educational requirements upon tanning device operators.

The AOA proudly represents its professional family of more than 104,000 osteopathic physicians and osteopathic medical students, promotes public health; encourages scientific research, serves as the primary certifying body for DOs, is the accrediting agency for osteopathic medical schools, and has federal authority to accredit hospitals and other health care facilities. The AOCD represents over 600 physicians, dermatology residents and student members. It is dedicated to improving the standards of the practice of dermatology, stimulating the study of dermatology and promoting understanding of the nature and scope of services rendered by osteopathic dermatologists. CSOM is a professional organization that represents nearly 1,400 osteopathic physicians in Colorado.

Tanning equipment works by bombarding the skin with ultraviolet (UV) radiation. Tanning salons use lamps that emit UV-A and UV-B radiation, both of which damage the skin and can cause skin cancer.<sup>1</sup> In 2009, the International Agency for Research on Cancer, a working group of the World Health Organization (WHO), classified UV-emitting tanning devices as a carcinogen, an agent known to cause cancer in humans.<sup>2</sup> In 2012, a study found that indoor tanning can cause the most common form of skin cancer, non-melanoma skin cancer, in addition to the deadliest form of skin cancer, malignant melanoma.<sup>3</sup>

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<sup>1</sup> Food and Drug Administration, Indoor Tanning: The Risks of Ultraviolet Rays, May 11, 2010, *available at* <http://www.fda.gov/forconsumers/consumerupdates/ucm186687.htm>.

<sup>2</sup> IARC, Sunbeds and UV Radiation, July 7, 2009, *available at* [http://www.iarc.fr/en/media-centre/iarcnews/2009/sunbeds\\_uvradiation.php](http://www.iarc.fr/en/media-centre/iarcnews/2009/sunbeds_uvradiation.php).

<sup>3</sup> Elizabeth Fernandez, Tanning Beds Linked to Non-Melanoma Skin Cancer, Oct. 2, 2012, *available at* <http://www.ucsf.edu/news/2012/10/12846/tanning-beds-linked-non-melanoma-skin-cancer>.

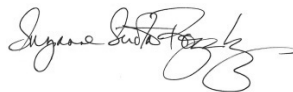
Prohibiting minors from using tanning equipment is an effective means to protect them from the long-term health risks of these devices. Young people are at a heightened risk of developing skin cancer from indoor tanning, as they subject themselves to additional years of artificial UV exposure.<sup>4</sup> For this reason, the WHO and the American Academy of Dermatology recommend banning the use of tanning devices by minors.<sup>5</sup> States that have restricted access to indoor tanning for minors have seen stable or decreased rates of skin cancer, while states without these policies have seen an increase in the same.<sup>6</sup>

The use of tanning by children is inappropriate and should be banned due to its long-term health effects. In addition, adults who choose to patronize tanning facilities deserve to be made aware of the dangers of exposure to UV radiation. **We urge you to protect Colorado's citizens from artificial UV exposure by supporting HB 1054 in committee.** Should you need any additional information, please feel free to contact Nicholas Schilligo, MS, AOA Director of State Government Affairs, at nschilligo@osteopathic.org or (800) 621-1773, ext. 8185.

Sincerely,



Norman E. Vinn, DO, MBA, FACOFP  
President, AOA



Suzanne Rozenberg, DO  
President, AOCD



Christopher J. Unrein, DO  
President, CSOM

CC: Robert S. Juhasz, DO, FACOI, FACP, AOA President-elect  
William S. Mayo, DO, Chair, AOA Department of Governmental Affairs  
Thomas L. Ely, DO, FACOPP, Chair, AOA Bureau of State Government Affairs  
Adrienne White-Faines, MPA, AOA Executive Director and CEO  
Catherine A. Galligan, RN, MM, CPA, AOA Chief Operating Officer  
Linda Mascheri, Associate Executive Director, AOA Department of State, Affiliate & International Affairs  
Nicholas Schilligo, MS, Director, AOA Division of State Government Affairs  
Marsha A. Wise, BS, Executive Director, AOCD  
Diana Ewert, CAE, Executive Director, CSOM

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<sup>4</sup> See, Jean-Francois Dore and Marie-Christine Chignol, Tanning Salons and Skin Cancer, Photochem. Photobiol. Sci. 11, 30-37 (2012).

<sup>5</sup> Adam Riker, Nicolas Zea, and Tan Trinh, The Epidemiology, Prevention, and Detection of Melanoma, The Ochsner Journal, 10:56-65 (2010).

<sup>6</sup> Dore, et al., supra.