

**References/Bibliography: Climate Change Begins in the OR: Our Unsustainable Future in Healthcare - Kelly Wright, MD, FACOG, FACS**

Al-Kindi, S. G., Sarode, A., Zullo, M., Brook, J., Burnett, R., Oliveira, G. H., Huang, W., Brook, R., &

Rajagopalan, S. (2019). Ambient Air Pollution and Mortality After Cardiac Transplantation.

*Journal of the American College of Cardiology*, 74(24), 3026–3035.

<https://doi.org/10.1016/j.jacc.2019.09.066>

Artenstein, A. W. (2020). In Pursuit of PPE. *N Engl J Med*, 382(18), e46.

<https://doi.org/10.1056/NEJMc2010025>

Bartek, M., Verdial, F., & Dellinger, E. P. (2017). Naked Surgeons? The Debate About What to Wear in the

Operating Room. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*, 65(9), 1589–1592. <https://doi.org/10.1093/cid/cix498>

Bekkar, B., Pacheco, S., Basu, R., & DeNicola, N. (2020). Association of Air Pollution and Heat Exposure With Preterm Birth, Low Birth Weight, and Stillbirth in the US: A Systematic Review. *JAMA network open*, 3(6), e208243. <https://doi.org/10.1001/jamanetworkopen.2020.8243>

Belkhir, L., & Elmeligi, A. (2019). Carbon footprint of the global pharmaceutical industry and relative impact of its major players. *Journal of Cleaner Production*, 214 185-194.

<https://doi.org/10.1016/j.jclepro.2018.11.204>

Benmarhnia, T., Huang, J., Basu, R., Wu, J., & Bruckner, T. A. (2017). Decomposition Analysis of Black-White Disparities in Birth Outcomes: The Relative Contribution of Air Pollution and Social Factors in California. *Environmental health perspectives*, 125(10), 107003.

<https://doi.org/10.1289/EHP490>

Berríos-Torres, S. I., Umscheid, C. A., Bratzler, D. W., Leas, B., Stone, E. C., Kelz, R. R., Reinke, C. E., Morgan, S., Solomkin, J. S., Mazuski, J. E., Dellinger, E. P., Itani, K. M. F., Berbari, E. F., Segreti, J., Parvizi, J., Blanchard, J., Allen, G., Kluytmans, J. A. J. W., Donlan, R., Schechter, W. P., ... Healthcare Infection Control Practices Advisory Committee (2017). Centers for Disease Control and Prevention Guideline for the Prevention of Surgical Site Infection, 2017. *JAMA surgery*, 152(8), 784–791. <https://doi.org/10.1001/jamasurg.2017.0904>

Casey, J. A., Karasek, D., Ogburn, E. L., Goin, D. E., Dang, K., Braveman, P. A., & Morello-Frosch, R. (2018).

Retirements of Coal and Oil Power Plants in California: Association With Reduced Preterm Birth Among Populations Nearby. *American journal of epidemiology*, 187(8), 1586–1594.

<https://doi.org/10.1093/aje/kwy110>

Clear, J. (2018). *Atomic Habits: An Easy & Proven Way to Build Good Habits & Break Bad Ones*. Avery; First Edition, ISBN: 9780735211299.

Donahue, L. M., Hilton, S., Bell, S. G., Williams, B. C., & Keoleian, G. A. (2020). A comparative carbon

footprint analysis of disposable and reusable vaginal specula. *American journal of obstetrics and gynecology*, 223(2), 225.e1–225.e7. <https://doi.org/10.1016/j.ajog.2020.02.007>

Finnegan, J. (2017). West Virginia municipalities file suit against Joint Commission for its part in opioid crisis. *Fierce Healthcare*. <https://www.fiercehealthcare.com/practices/lawsuit-filed-joint-commission-west-virginia-role-opioid-crisis-pain-standards>

Genco, M., Anderson-Shaw, L., & Sargis, R. M. (2020). Unwitting Accomplices: Endocrine Disruptors Confounding Clinical Care. *The Journal of clinical endocrinology and metabolism*, 105(10), e3822–e3827. <https://doi.org/10.1210/clinem/dgaa358>

Ghosh, R., Gauderman, W. J., Minor, H., Youn, H. A., Lurmann, F., Cromar, K. R., Chatzi, L., Belcher, B., Fielding, C. R., & McConnell, R. (2018). Air pollution, weight loss and metabolic benefits of bariatric surgery: a potential model for study of metabolic effects of environmental exposures. *Pediatric obesity*, 13(5), 312–320. <https://doi.org/10.1111/ijpo.12210>

Gleason, M. J. (2009). The Deadly Choices at Memorial. *The New York Times, Letters*.  
<https://www.nytimes.com/2009/09/13/magazine/13letters-t-THEDEADLYCHO LETTERS.html>

Green, M. (2021). Hospitals Confront Climate Change as Patients Sick From Floods, Fires Crowd ERs. *U.S. News, News; Health News*. <https://www.usnews.com/news/health-news/articles/2021-09-30/hospitals-confront-climate-change-as-patients-sick-from-floods-and-fires-crowd-ers>

Karliner, J., Slotterback, S., Boyd, R., & Steele, K. (2019). Health Care's Climate Footprint: How the health sector contributes to the global climate crisis and opportunities for action. *Health Care Without Harm, in collaboration with ARUP*. <https://global.noharm.org/media/4370/download?inline=1>

Kothari, S. N., Anderson, M. J., Borgert, A. J., Kallies, K. J., & Kowalski, T. J. (2018). Bouffant vs Skull Cap and Impact on Surgical Site Infection: Does Operating Room Headwear Really Matter?. *Journal of the American College of Surgeons*, 227(2), 198–202.  
<https://doi.org/10.1016/j.jamcollsurg.2018.04.029>

Leslie, H. A., van Velzen, M. J. M., Brandsma, S. H., Vethaak, A. D., Garcia-Vallejo, J. J., & Lamoree, M. H. (2022). Discovery and quantification of plastic particle pollution in human blood. *Environment international*, 163, 107199. <https://doi.org/10.1016/j.envint.2022.107199>

Macpherson, C. C., & Hill, J. (2017). Are Physicians Obliged to Lead Environmental Sustainability Efforts in Health Care Organizations?. *AMA journal of ethics*, 19(12), 1164–1173.  
<https://doi.org/10.1001/journalofethics.2017.19.12.ecas2-1712>

Malhotra, G. K., Tran, T., Stewart, C., Battey, H., Tegtmeier, B., McNeese, K., Flood, A., Melstrom, L., & Fong, Y. (2022). Pandemic Operating Room Supply Shortage and Surgical Site Infection: Considerations as We Emerge from the Coronavirus Disease 2019 Pandemic. *Journal of the American College of Surgeons*, 234(4), 571–578.  
<https://doi.org/10.1097/XCS.0000000000000087>

Meyer, R., Hamilton, K. M., Schneyer, R. J., Levin, G., Truong, M. D., Siedhoff, M. T., & Wright, K. N. (2024).

Costs and carbon emissions of virtual preoperative visits implementation. *BJOG : an international journal of obstetrics and gynaecology*, 10.1111/1471-0528.17906. Advance online publication. <https://doi.org/10.1111/1471-0528.17906>

Meyer, R., Niino, C., Schneyer, R., Hamilton, K., Siedhoff, M. T., & Wright, K. N. (2024). Surgical Field Separation in Total Laparoscopic Hysterectomy. *Obstetrics and gynecology*, 144(1), 98–100. <https://doi.org/10.1097/AOG.0000000000005596>

National Academies of Sciences, Engineering, and Medicine. (2024). *Reusable Health Care Textiles for Use in Personal Protective Equipment: Proceedings of a Workshop*. Washington, DC: The National Academies Press. <https://doi.org/10.17226/27762>

Nirappil, F., Shammas, B., Sellers, F. S., & Bella, T. (2021). Texas hospitals are running out of water amid power outages. Some are evacuating patients for safety. *The Washington Post*. <https://www.washingtonpost.com/nation/2021/02/18/texas-hospitals-water-heat-patients/>

Patient Safety Monitor Journal. (2018). AORN to Change Recommendations in Heated Bouffant Hat vs. Skull Cap Debate. *Patient Safety & Quality Healthcare*. <https://www.psqh.com/analysis/aorn-to-change-recommendations-in-heated-bouffant-hat-vs-skull-cap-debate/>

Practice Greenhealth. (n.d.). Greening the OR. *Practice Greenhealth*. <https://practicegreenhealth.org/topics/greening-operating-room/greening-or>

Ragusa, A., Svelato, A., Santacroce, C., Catalano, P., Notarstefano, V., Carnevali, O., Papa, F., Rongioletti, M. C. A., Baiocco, F., Draghi, S., D'Amore, E., Rinaldo, D., Matta, M., & Giorgini, E. (2021). Plasticenta: First evidence of microplastics in human placenta. *Environment international*, 146, 106274. <https://doi.org/10.1016/j.envint.2020.106274>

Rothstein, R. (2018). *The Color of Law: A Forgotten History of How Our Government Segregated America*.

Norton, ISBN: 9781631494536.

Shallwani, H., Shakir, H. J., Aldridge, A. M., Donovan, M. T., Levy, E. I., & Gibbons, K. J. (2018). Mandatory

Change From Surgical Skull Caps to Bouffant Caps Among Operating Room Personnel Does Not Reduce Surgical Site Infections in Class I Surgical Cases: A Single-Center Experience With More Than 15 000 Patients. *Neurosurgery*, 82(4), 548–554. <https://doi.org/10.1093/neuros/nyx211>

Shockley, M. E., Beran, B., Nutting, H., Arnolds, K., Sprague, M. L., & Zimberg, S. (2017). Sterility of Selected Operative Sites During Total Laparoscopic Hysterectomy. *Journal of minimally invasive gynecology*, 24(6), 990–997. <https://doi.org/10.1016/j.jmig.2017.06.004>

Shuman, E. K., & Chenoweth, C. E. (2012). Reuse of medical devices: implications for infection control.

*Infectious disease clinics of North America*, 26(1), 165–172.  
<https://doi.org/10.1016/j.idc.2011.09.010>

Silva, G., Sreedhar, P., & Greene, H. (2020). Op-Ed: Is Medical Waste ... Racist?. *MedPage Today, Public Health & Policy; Ethics*. <https://www.medpagetoday.com/publichealthpolicy/ethics/87415>

Siu, J., Hill, A. G., & MacCormick, A. D. (2017). Systematic review of reusable versus disposable laparoscopic instruments: costs and safety. *ANZ journal of surgery*, 87(1-2), 28–33.  
<https://doi.org/10.1111/ans.13856>

Slizewski, D. H., Heberlein, E., Meredith, J. F., Jobe, L. B., & Eichelberger, K. Y. (2018). Impact of home versus hospital dressing on bacterial contamination of surgical scrubs in the obstetric setting: A randomized controlled trial. *American journal of infection control*, 46(4), 379–382.  
<https://doi.org/10.1016/j.ajic.2017.09.009>

Smith, M., Singh, H., & Sherman, J. D. (2023). Infection Prevention, Planetary Health, and Single-Use Plastics. *JAMA*, 330(20), 1947–1948. <https://doi.org/10.1001/jama.2023.20550>

Straface S. (1995). Single-patient-use laparoscopic instrumentation: a company perspective. *Endoscopic surgery and allied technologies*, 3(2-3), 135–139.

Thiel, C. L., Eckelman, M., Guido, R., Huddleston, M., Landis, A. E., Sherman, J., Shrake, S. O., Copley-Woods, N., & Bilec, M. M. (2015). Environmental impacts of surgical procedures: life cycle assessment of hysterectomy in the United States. *Environmental science & technology*, 49(3), 1779–1786. <https://doi.org/10.1021/es504719g>

Thiel, C. L., Woods, N. C., & Bilec, M. M. (2018). Strategies to Reduce Greenhouse Gas Emissions from Laparoscopic Surgery. *American journal of public health*, 108(S2), S158–S164.  
<https://doi.org/10.2105/AJPH.2018.304397>

U.S. Department of Health and Human Services. (2022). HHS Launches Pledge Initiative to Mobilize Health Care Sector to Reduce Emissions. *U.S. Department of Health and Human Services*.  
<https://www.hhs.gov/about/news/2022/04/22/hhs-launches-pledge-initiative-mobilize-health-care-sector-reduce-emissions.html>

Washington, H. A. (2020). *A Terrible Thing to Waste: Environmental Racism and Its Assault on the American Mind*. Little, Brown Spark; Illustrated edition, ISBN: 9780316509442.

World Health Organization. (2024). Gender, Climate Change and Health. *World Health Organization*, ISBN: 9789241508186. <https://www.who.int/publications/i/item/9789241508186>

Zhang, L., Liu, W., Hou, K., Lin, J., Zhou, C., Tong, X., Wang, Z., Wang, Y., Jiang, Y., Wang, Z., Zheng, Y., Lan, Y., Liu, S., Ni, R., Liu, M., & Zhu, P. (2019). Air pollution-induced missed abortion risk for pregnancies. *Nature Sustainability* 2, 1011-1017. <https://doi.org/10.1038/s41893-019-0387-y>

Zygourakis, C. C., Yoon, S., Valencia, V., Boscardin, C., Moriates, C., Gonzales, R., & Lawton, M. T. (2017).

Operating room waste: disposable supply utilization in neurosurgical procedures. *Journal of neurosurgery*, 126(2), 620–625. <https://doi.org/10.3171/2016.2.JNS152442>