

## References

- Kuo, Y. W., Yen, M., Fetzer, S., & Lee, J. D. (2013). *Toothbrushing versus toothbrushing plus tongue cleaning in reducing halitosis and tongue coating: A systematic review and meta-analysis*. *Nursing Research*, 62(6), 422–429. <https://doi.org/10.1097/NNR.0b013e3182a53b3a>
- Bordas, A., McNab, R., Staples, A. M., Bowman, J., Kanapka, J., & Bosma, M. P. (2008). *Impact of different tongue cleaning methods on the bacterial load of the tongue dorsum*. *Archives of Oral Biology*, 53(Suppl 1), S13–S18. [https://doi.org/10.1016/S0003-9969\(08\)70004-9](https://doi.org/10.1016/S0003-9969(08)70004-9)
- Santos, P. S., Mariano, M., Kallas, M. S., & Vilela, M. C. (2013). *Impact of tongue biofilm removal on mechanically ventilated patients*. *Revista Brasileira de Terapia Intensiva*, 25(1), 44–48. <https://doi.org/10.1590/s0103-507x2013000100009>
- Izumi, M., & Akifusa, S. (2021). *Tongue cleaning in the elderly and its role in the respiratory and swallowing functions: Benefits and medical perspectives*. *Journal of Oral Rehabilitation*, 48(12), 1395–1403. <https://doi.org/10.1111/joor.13266>
- Winning, L., Lundy, F. T., Blackwood, B., et al. (2021). *Oral health care for the critically ill: A narrative review*. *Critical Care*, 25, 353. <https://doi.org/10.1186/s13054-021-03765-5>
- Prendergast, V., Jakobsson, U., Renvert, S., & Hallberg, I. R. (2012). *Effects of a standard versus comprehensive oral care protocol among intubated neuroscience ICU patients: Results of a randomized controlled trial*. *The Journal of Neuroscience Nursing*, 44(3), 134–148. <https://doi.org/10.1097/JNN.0b013e3182510688>
- Choi, H. N., Cho, Y. S., & Koo, J. W. (2021). *The effect of mechanical tongue cleaning on oral malodor and tongue coating*. *International Journal of Environmental Research and Public Health*, 19(1), 108. <https://doi.org/10.3390/ijerph19010108>
- Takahama Jr, A., de Sousa, V. I., Tanaka, E. E., et al. (2021). *Analysis of oral risk factors for ventilator-associated pneumonia in critically ill patients*. *Clinical Oral Investigations*, 25, 1217–1222. <https://doi.org/10.1007/s00784-020-03426-x>
- Barros e Matos, B. A., Weis Maia, M. C., Souza, V. S., Ribeiro, M. R. R., & Oliveira, J. L. C. (2021). *Validation of standard operating procedure for oral hygienization of intubated and tracheostomized patients*. *ABCS Health Sciences*, 47, e022231. <https://doi.org/10.7322/abcs.hs.2020252.1701>
- Zanol, F., Kallas, M., Salman, S., Assis, F. S., Porto, N. A., Georgevich, R., Santos, C. C., Andia-Merlin, R., & Giovani, E. M. (2017). *International Journal of Recent Scientific Research*, 8(9), 20341–20346.
- Pedrazzi, V., Sato, S., de Mattos, M. G., Lara, E. H., & Panzeri, H. (2004). *Tongue-cleaning methods: A comparative clinical trial employing a toothbrush and a tongue scraper*. *Journal of Periodontology*, 75(7), 1009–1012. <https://doi.org/10.1902/jop.2004.75.7.1009>

Rhyn, S., Zürcher, A., Ortiz, V., & Filippi, A. (2020). [The efficiency and acceptance of a suction tongue-cleaning device in adults](https://doi.org/10.61872/sdj-2020-04-615). *Swiss Dental Journal*, 130(4), 300–307.  
<https://doi.org/10.61872/sdj-2020-04-615>

Gil-Perotin, S., Ramirez, P., Marti, V., Sahuquillo, J. M., Gonzalez, E., Calleja, I., Menendez, R., & Bonastre, J. (2012). [Implications of endotracheal tube biofilm in ventilator-associated pneumonia response: A state of concept](https://doi.org/10.1186/cc11357). *Critical Care*, 16(3), R93.  
<https://doi.org/10.1186/cc11357>

S. K., Baidya, S., Bhattarai, A., Shrestha, S., Homagain, S., Rayamajhee, B., Hui, A., & Willcox, M. (2024). [Bacteriology of endotracheal tube biofilms and antibiotic resistance: A systematic review](https://doi.org/10.1016/j.jhin.2024.03.004). *The Journal of Hospital Infection*, 147, 146–157.  
<https://doi.org/10.1016/j.jhin.2024.03.004>

Dwivedi, V., Torwane, N. A., Tyagi, S., & Maran, S. (2019). *Effectiveness of various tongue cleaning aids in the reduction of tongue coating and bacterial load: A comparative clinical study*. *The Journal of Contemporary Dental Practice*, 20(4), 444–448.