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| **Name:** |
| Matthew Johnson |
| **Group:** |
| 1B-5 |
| **Basic Science Question:** |
| What bacterial changes occur in the oral cavity in smokers? |
| **Report:** |
| General trends: cocci shaped bacteria presence decreases, bacillus shaped bacteria presence increases. Opportunistic pathogens appear in greater number. |
| **References:** |
| Alzoubi, H., Abu-Lubad, M., Al-Mnayyis, A., Satari, A., Alzobi, M., Al Ramadneh, M., & Jarajreh, D. (2020). Effect of Electronic Cigarettes on the Carriage of Selected Organisms in the Nasal and Oral Cavity in Comparison to Tobacco Smokers and Non-smokers. *Journal of Clinical & Diagnostic Research*, *14*(7), 11–15. <https://doi.org/10.7860/JCDR/2020/45034.13852>  *​﻿Bacterial flora of the human oral cavity, and the upper and lower esophagus...: MARQCATplus Discovery Search*. (n.d.). Retrieved September 16, 2020, from <https://0-eds-b-ebscohost-com.libus.csd.mu.edu/eds/pdfviewer/pdfviewer?vid=3&sid=25a36f46-a58d-423f-a658-40f7666968cc%40sdc-v-sessmgr02>  Saleh, G. M., Najim, S. S., & Hindal, A. S. (2016). *Comparative study of oral bacterial composition and neutrophil count between smokers and non-smokers*. *4*(1), 6. |