



Chronological Research Publication List (1999–2025)

2025

125. Vuorinen V, Siddiqui W, Laurila E, Izbassarov D, Korhonen M, Sanmark E, Geneid A, Lotta-Maria Oksanen, Anna Tuhkuri Matvejeff. Computational Fluid Dynamics Modeling of Particle Transport From the Vocal Folds to the Oral Cavity. *Journal of Speech, Language, and Hearing Research*. 2025;1-12.
124. Horacek J, Bula V, Radolf V, Geneid A, Anne-Maria Laukkanen. High-Speed Image Analysis Comparing Loading of Vocal Folds During Coughing and Phonation: A Case Study. *Journal of Voice*. 2025;39(5):1419.e1-1419.e12.
123. Kabbash IA, Abouzaid MS, Islam T, Mesallam TA, Farahat M, Temsah MH, Geneid A, Malki KH. Artificial intelligence vs. Human Biostatisticians: Accuracy and Reliability Across 14 Medical Datasets. *Authorea Preprints*. 2025.
122. Dronkers EAC, Geneid A, Al Yaghchi C, Lechien JR. The Importance of Documenting Chatbot Performance in the Management of Specific and Rare Conditions for Patients. *Journal of Voice*. 2025;39(3):839-840.
121. Dronkers EAC, Al Yaghchi C, Lechien JR, Sittel C, Geneid A. European consensus on endoscopic surgery for bilateral vocal fold immobility: classification and nomenclature. *European Archives of Oto-Rhino-Laryngology*. 2025;282(2):937-944.
120. Anna Tuhkuri Matvejeff, Saari S, Lotta-Maria Oksanen, Heikkilä P, Silvonen V, Hakala J, Rönkkö T, Taipale A, Enni Sanmark, Anne-Maria Laukkanen. Effects of spoken phones and patient characteristics on respiratory aerosol emission. *Journal of Voice*. 2025.
119. Sauna-Aho M, Tuomiranta L, Geneid A, Launonen K. Evaluation Methods of Dysphagia in Adults With Intellectual Disability: A Scoping Review. *Intellectual and Developmental Disabilities*. 2025;63(2):136-148.
118. Lechien JR, Chiesa-Estomba CM, Hans S, Nacci A, Schindler A, Bohlender JE, Runggaldier D, Crevier-Buchman L, Oguz H, Zelenik K. Correction: European clinical practice guideline: managing and treating laryngopharyngeal reflux disease. *European Archives of Oto-Rhino-Laryngology*. 2025.
117. Nikuri P, Maalouf A, Geneid A, Pesonen E, Enni Sanmark, Vartiainen VA. Aerosol emission and exposure in non-invasive ventilation. *Scientific Reports*. 2025;15(1):14058.
116. Valášková D, Kotby MN, Refaat A, Geneid A, Švec JG. Unilateral Vocal Fold Paralysis: Does the Paralyzed Vocal Fold Oscillate Slower or Faster Than the Healthy One? *Journal of Voice*. 2025.

115. Pitkanen VV, Geneid A, Saarikko AM, Hakli S, Alaluusua SA. Diagnosing and managing velopharyngeal insufficiency in patients with cleft palate after primary palatoplasty. *Journal of Craniofacial Surgery*. 2025;36(3):1008-1016.
114. Wierzbicka M, Kopczyk R, Zabrodsky M, Piazza C, Desuter G, Klussmann P, Geneid A, Dikkers F. Off-label drugs in laryngology—what should the doctor and the patient know about such therapies? A consensus statement of the European Laryngological Society. *European Archives of Oto-Rhino-Laryngology*. 2025;1-18.
113. Anna Tuhkuri Matvejeff, Silvonen V, Heikkilä P, Enni Sanmark, Hakala J, Kuitinen N, Geneid A, Anne-Maria Laukkanen, Paavo Alku, Lotta-Maria Oksanen. Systematic review of respiratory particle measurement studies and a new method for human particle emission measurement during breathing, coughing, and voice production. *Journal of Aerosol Science*. 2025;189:106619.
112. Hey S, Siddiqui SH, Geneid A, Pitman MJ, Karagama Y. Treatment Options for Laryngeal Dystonia: Current Approaches and Emerging Therapies. *Current Otorhinolaryngology Reports*. 2025;13(1):19.
111. Lechien JR, Chiesa-Estomba CM, Hans S, Nacci A, Schindler A, Bohlender JE, Runggaldier D, Crevier-Buchman L, Oguz H, Zelenik K. European clinical practice guideline: managing and treating laryngopharyngeal reflux disease. *European Archives of Oto-Rhino-Laryngology*. 2025.

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110. Anne-Maria Laukkanen, Radolf V, Bula V, Horáček J, Geneid A. Glottal Imaging Study Comparing Vowel Phonation with Semioccluded Vocal Tract Exercises (SOVTEs) Produced Loudly. *Journal of Voice*. 2024.
109. Dronkers EAC, Geneid A, Al Yaghchi C, Lechien JR. The Use of Artificial Intelligence as a Tool in the Management of Bilateral Vocal Fold Paralysis. *Journal of Voice*. 2024.
108. Enni Sanmark, Anna Tuhkuri-Matvejeff, Geneid A, Saari S, Vartiainen V. Aerosol emissions during speech and whispering among 41 professional and semi-professional singers. *European Respiratory Society*. 2024.
107. Maalouf A, Palonen E, Geneid A, Lamminmäki S, Enni Sanmark. Aerosol generation during pediatric otolaryngological procedures. *International Journal of Pediatric Otorhinolaryngology*. 2024;183:112030.
106. Enni Sanmark, Anna Tuhkuri-Matvejeff, Geneid A, Lotta-Maria Oksanen, Paavo Alku, Hakala J, Heikkilä P, Silvonen V, Taipale A, Rönkkö T. Effect of vocalization on human aerosol dynamics: whispering produces more aerosols than speaking. *Journal of Voice*. 2024.
105. Anna Tuhkuri Matvejeff, Laitinen A, Korhonen M, Lotta-Maria Oksanen, Geneid A, Enni Sanmark, Vuorinen V. Superspreading of SARS-CoV-2 at a choir rehearsal in Finland—A computational fluid dynamics view on aerosol transmission and patient interviews. *PLoS One*. 2024;19(9):e0302250.

104. Dronkers EAC, Geneid A, Al Yaghchi C, Lechien JR. Evaluating the potential of AI chatbots in treatment decision-making for acquired bilateral vocal fold paralysis in adults. *Journal of Voice*. 2024.

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103. Enni Sanmark, Lotta-Maria Oksanen, Rantanen N, Virkkula P, Geneid A. Rhinological procedures result in minimal generation of aerosols. *Rhinology*. 2023;61(2):170-179.

102. Aulanko I, Enni Sanmark, Lotta-Maria Oksanen, Oksanen S, Lahdentausta L, Kivimäki A, Paju S, Pietiäinen M, Pussinen P, Geneid A. Working conditions during the COVID-19 pandemic in primary and tertiary healthcare: a comparative cross-sectional study. *International Journal of Occupational Medicine and Environmental Health*. 2023;36(1):139.

101. Tolvi M, Lotta-Maria Oksanen, Lehtonen L, Geneid A, Männikkö P, Ruokonen H, Majander A, Arminen S, Aaltonen LM. Virtual visits at the Helsinki Head and Neck Center during the COVID-19 pandemic: patient safety incidents and the experiences of patients and staff. *BMC Health Services Research*. 2023;23(1):483.

100. Pitkänen V, Szwedyc A, Alaluusua S, Geneid A, Vuola P, Saarikko A. Outcomes of primary Furlow double-opposing z-plasty for the treatment of symptomatic submucous cleft palate. *Journal of Craniofacial Surgery*. 2023;34(7):2066-2070.

99. Hjelt-Viita K, Freiberg H, Muttilainen M, Mustonen T, Arkkila P, Geneid A. Kun röyhtäily ei onnistu-tunnetko ruokatorven yläsulkijan retrogradisen toimintahäiriön? *Suomen Lääkärilehti*. 2023;78(19-20):869-872.

98. Lechien JR, Geneid A, Bohlender JE, Cantarella G, Avellaneda JC, Desuter G, Sjogren EV, Finck C, Hans S, Hess M. Consensus for voice quality assessment in clinical practice: guidelines of the European Laryngological Society and Union of the European Phoniaticians. *European Archives of Oto-Rhino-Laryngology*. 2023;280(12):5459-5473.

97. Rantanen N, Enni Sanmark, Lotta-Maria Oksanen, Lieslehto J, Myllymäki T, Geneid A, Lallukka T. Subjective and objective measurements of nurses' stress and recovery. *European Journal of Public Health*. 2023;33(Supplement_2):ckad160.1496.

96. Shadi MS, Rubin JS, Geneid A, Magdy E, Ibrahim RA. Adjustment of Health-Care Service Delivery Among Phoniaticians and ENT Specialists During the COVID-19 Pandemic, A UEP Survey. *Journal of Voice*. 2023;37(5):803.e1-803.e9.

95. Enni Sanmark, Lotta-Maria Oksanen, Rantanen N, Lahelma M, Anttila VJ, Lehtonen L, Hyvärinen A, Geneid A. Aerosol generation during coughing: an observational study. *The Journal of Laryngology & Otology*. 2023;137(4):442-447.

94. Alaluusua S, Hölttä E, Saarikko A, Geneid A, Leikola J, Heliövaara A. Speech symptoms of velopharyngeal insufficiency and the incidence of secondary speech surgery in 10-year-old children with unilateral cleft lip and palate: comparison of 2 randomized surgical methods for primary palatal surgery. *Journal of Craniofacial Surgery*. 2023;34(2):461-466.

93. Saari S, Anna Tuhkuri Matvejeff, Silvonen V, Heikkilä P, Hakala J, Enni Sanmark, Lotta-Maria Oksanen, Rönkkö T, Taipale A, Anne-Maria Laukkanen. Hengitystieaerosolipäästöjen mittaaminen ja huomiointi tartuntatautien ehkäisyssä. *Sisäilmastoseminaari*. 2023;229-232.
92. Enni Sanmark, Rantanen N, Lotta-Maria Oksanen, Anna Tuhkuri Matvejeff, Möller R, Geneid A. Comparison of aerosol generation between electrocautery and cold dissection tonsillectomy. *The Journal of Laryngology & Otology*. 2023;137(7):732-740.
91. Denk-Linnert DM, Farneti D, Nawka T, am Zehnhoff-Dinnesen A, Moerman M, Zorowka P, Geneid A. Position Statement of the Union of European Phoniaticians (UEP): Fees and Phoniaticians' Role in Multidisciplinary and Multiprofessional Dysphagia Management Team. *Dysphagia*. 2023;38(2):711-718.
90. Viitasalo S, Ilmarinen T, Aaltonen LM, Hagström J, Hytönen M, Hammarén-Malmi S, Geneid A, et al. Sinonasal inverted papilloma–malignant transformation and non-sinonasal malignancies. *The Laryngoscope*. 2023;133(3):506-511.

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89. Aulanko I, Nikuri P, Lotta-Maria Oksanen, Oksanen S, Lahdentausta L, Pietiäinen M, Geneid A, et al. "As protective gear began to run low, guidance on protection became looser"—Healthcare workers' perspectives on infection prevention and control during the COVID-19 pandemic. *Frontiers in Public Health*. 2022;10:982738.
88. Aura M, Geneid A, Bjørkøy K, Rantanen M, Anne-Maria Laukkanen. A nasoendoscopic study of "head resonance" and "imposto" in classical singing. *Journal of Voice*. 2022;36(1):83-90.
87. Järvenpää P, Kuuskoski J, Pietarinen P, Markkanen-Leppänen M, Freiberg H, Ruuskanen M, Geneid A, et al. Finnish version of the Eating Assessment Tool (F-EAT-10): a valid and reliable patient-reported outcome measure for dysphagia evaluation. *Dysphagia*. 2022;37(4):995-1007.
86. Kreuzberger AJ, Sanyal A, Saminathan A, Bloyet LM, Stumpf S, Liu Z, Geneid A, et al. SARS-CoV-2 requires acidic pH to infect cells. *Proceedings of the National Academy of Sciences*. 2022;119(38):e2209514119.
85. Lahdentausta L, Kivimäki A, Lotta-Maria Oksanen, Tallgren M, Oksanen S, Enni Sanmark, Geneid A, et al. Blood and saliva SARS-CoV-2 antibody levels in self-collected dried spot samples. *Medical Microbiology and Immunology*. 2022;211(4):173-83.
84. Lahelma M, Lotta-Maria Oksanen, Rantanen N, Sinkkonen S, Aarnisalo A, Geneid A, et al. Aerosol Generation During Otologic Surgery. *Otology & Neurotology*. 2022;43(8):924-30.
83. Lieslehto J, Rantanen N, Lotta-Maria Oksanen, Oksanen SA, Kivimäki A, Paju S, Geneid A, et al. A machine learning approach to predict resilience and sickness absence in the healthcare workforce during the COVID-19 pandemic. *Scientific Reports*. 2022;12(1):1-9.
82. Oksanen L, Auvinen M, Kuula J, Malmgren R, Romantschuk M, Hyvärinen A, Geneid A, et al. Combining Phi6 as a surrogate virus and computational large-eddy simulations to study airborne transmission of SARS-CoV-2 in a restaurant. *Indoor Air*. 2022;32(11):e13165.

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80. Lotta-Maria Oksanen, Enni Sanmark, Sofieva S, Rantanen N, Lahelma M, Anttila VJ, Geneid A, et al. Aerosol generation during general anesthesia is comparable to coughing: An observational clinical study. *Acta Anaesthesiologica Scandinavica*. 2022;66(4):463-72.
79. Paju S, Tallgren M, Kivimäki A, Lahdentausta L, Salminen A, Lotta-Maria Oksanen, Geneid A, et al. Effect of RNA quality to SARS-CoV-2 RT-qPCR detection from saliva. *Journal of Medical Microbiology*. 2022;71(4):001507.
78. Pitkänen VV, Alaluusua SA, Geneid A, Vuola PM, Leikola J, Saarikko AM. How Early Can We Predict the Need for VPI Surgery? *Plastic and Reconstructive Surgery–Global Open*. 2022;10(11):e4678.
77. Rantanen N, Lieslehto J, Lotta-Maria Oksanen, Oksanen SA, Anttila VJ, Lehtonen L, Geneid A, et al. Mental well-being of healthcare workers in 2 hospital districts during the first wave of the COVID-19 pandemic in Finland: a cross-sectional study. *International Journal of Occupational Medicine and Environmental Health*. 2022;35(6):707-18.
76. Rantanen N, Lieslehto J, Lotta-Maria Oksanen, Oksanen S, Anttila V, Lehtonen L, Geneid A, et al. Mental well-being of healthcare workers in two hospital districts with differing COVID-19 incidence. *European Journal of Public Health*. 2022;32(Supplement_3):ckac130.45.
75. Rautiola J, Laaksovirta H, Geneid A, Ilmarinen T, Pietarinen P, Kinnari TJ. ALS patients in otorhinolaryngology: A retrospective study. *Laryngoscope Investigative Otolaryngology*. 2022;7(4):1071-7.
74. Sabry Y, Kinnari T, Ashry Y, Naguib M, Geneid A. Acoustic and videoendoscopic effects of temporary vocal fold augmentation in an office-based setting: a quasi-experimental study. *The Egyptian Journal of Otolaryngology*. 2022;38(1):1-7.
73. Enni Sanmark, Lotta-Maria Oksanen, Rantanen N, Lahelma M, Anttila VJ, Atanasova N, Geneid A. Microdebrider is less aerosol-generating than CO2 laser and cold instruments in microlaryngoscopy. *European Archives of Oto-Rhino-Laryngology*. 2022;279(2):825-34.
72. Shadi MS, Geneid A, Rubin JS, Ibrahim RA. Infection control, hand hygiene practice and PPE use among phoniaticians and ENT specialists during the COVID-19 pandemic, a UEP survey. *The Egyptian Journal of Otolaryngology*. 2022;38(1):1-9.
71. Horacek J, Radolf V, Bula V, Košina J, Geneid A, Anne-Maria Laukkanen, editors. Estimation of damping in human vocal folds vibration: Measurements in vivo and on model. *International Colloquium DYMAMESI*. 2022.
70. Radolf V, Horacek J, Bula V, Geneid A, Anne-Maria Laukkanen, editors. Damping of human vocal fold vibration. *Engineering Mechanics*. 2022.
69. Geneid A. Transnaisten äänihuulten ja kilpiruston leikkaukset sekä heidän kohtaamisensa leikkaussalissa. *Spirium*. 2022;57(2):6-8.

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68. Faham M, Anne-Maria Laukkanen, Ikävalko T, Rantala L, Geneid A, Holmqvist-Jämsén S, et al. Acoustic voice quality index as a potential tool for voice screening. *Journal of Voice*. 2021;35(2):226-32.
67. Manninen AA, Lotta-Maria Oksanen, Alaluusua S, Geneid A, Lindford AJ, Vuola P, et al. Speech Characteristics and Oromyofunctional Outcomes in Two Bimaxillary Face transplantation Patients in Helsinki. *The Laryngoscope*. 2021.
66. Lotta-Maria Oksanen, Enni Sanmark, Oksanen SA, Anttila VJ, Paterno JJ, Lappalainen, Geneid A. Sources of healthcare workers' COVID 19 infections and related safety guidelines. *International Journal of Occupational Medicine and Environmental Health*. 2021;34(2):239-49.
65. Lotta-Maria Oksanen, Enni Sanmark, Oksanen SA, Anttila VJ, Paterno JJ, Lehtonen L, Geneid A. Should we avoid colleagues in leisure time during the coronavirus disease 2019 (COVID-19) pandemic? *Infection Control & Hospital Epidemiology*. 2021;42(11):1413-4.
64. Patjas M, Vertanen-Greis H, Pietarinen P, Geneid A. Voice symptoms in teachers during distance teaching: a survey during the COVID-19 pandemic in Finland. *European Archives of Oto-Rhino-Laryngology*. 2021;278(11):4383-90.
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62. Waaramaa T, Lukkarila P, Järvinen K, Geneid A, Anne-Maria Laukkanen. Impressions of Personality from Intentional Voice Quality in Arabic-Speaking and Native Finnish-Speaking Listeners. *Journal of Voice*. 2021;35(2):326.e21-e28.
61. Kinnari T, Pietarinen P, Geneid A. Käheä ääni-missä vika? *Suomen Lääkärilehti*. 2021.
60. Lotta-Maria Oksanen, Enni Sanmark, Tuhkuri A, Anttila VJ, Geneid A. Laulaminen on todennäköisesti puhumista vaarallisempaa korona-aikana. *Suomen Lääkärilehti*. 2021;76(5):257.

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58. Ansaranta M, Kauppi P, Malmberg LP, Vilkmán E, Geneid A. Inspiratory and Expiratory Flow Changes, Voice Symptoms and Laryngeal Findings during Histamine Challenge Tests. *Folia Phoniatica et Logopaedica*. 2020;72(1):29-35.

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55. Geneid A, Nawka T, Schindler A, Oguz H, Chrobok V, Calcinoni O, et al. Union of the European Phoniaticians' position statement on the exit strategy of phoniatic and laryngological services: staying safe and getting back to normal after the peak of coronavirus disease 2019 (issued on 25th May 2020). *The Journal of Laryngology & Otology*. 2020;134(8):661-4.
54. Phadke KV, Anne-Maria Laukkanen, Ilomäki I, Kankare E, Geneid A, Švec JG. Cepstral and perceptual investigations in female teachers with functionally healthy voice. *Journal of Voice*. 2020;34(3):485.e33-e43.
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44. Murtola T, Malinen J, Geneid A, Alku P. Analysis of phonation onsets in vowel production, using information from glottal area and flow estimate. *Speech Communication*. 2019;109:55-65.
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