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| **Subject** | **Subtopic** | **Paper** |
| Introduction to Airborne Disease Transmission Indoors | Mechanisms of Transmission | Wang et al., 2021, "Airborne Transmission of Respiratory Viruses" |
| Introduction to Airborne Disease Transmission Indoors | Mechanisms of Transmission | Nogrady, 2024, "WHO redefines airborne transmission: what does that mean for future pandemics?" |
| Introduction to Airborne Disease Transmission Indoors | Mechanisms of Transmission | Pohlker, 2021, "Respiratory aerosols and droplets in the transmission of infectious diseases" |
| Introduction to Airborne Disease Transmission Indoors | Importance and Impact | Poudel, 2021, "Impact of Covid-19 on health-related quality of life of patients: A structured review" |
| Introduction to Airborne Disease Transmission Indoors | Importance and Impact | Topcu, 2020, "The impact of COVID-19 on emerging stock markets" |
| Introduction to Airborne Disease Transmission Indoors | Importance and Impact | Dubey, 2020, "Psychosocial impact of COVID-19" |
| Introduction to Airborne Disease Transmission Indoors | Environmental Influences | Pica, 2012, "Environmental factors affecting the transmission of respiratory viruses" |
| Introduction to Airborne Disease Transmission Indoors | Environmental Influences | Ho, 2021, "Modeling airborne pathogen transport and transmission risks of SARS-CoV-2" |
| Epidemiological Modelling of Airborne Infection | Wells-Riley Model | Riley, 1978, "Airborne spread of measles in a suburban elementary school" |
| Epidemiological Modelling of Airborne Infection | Basic Models | Almeida, 2018, "Analysis of a fractional SEIR model with treatment" |
| Epidemiological Modelling of Airborne Infection | Basic Models | Watanabe, 2010, "Development of a Dose-Response Model for SARS Coronavirus" |
| Epidemiological Modelling of Airborne Infection | Use-Cases | Noakes, 2009, "Mathematical models for assessing the role of airflow on the risk of airborne infection in hospital wards" |
| Epidemiological Modelling of Airborne Infection | Use-Cases | Foster, 2021, "Estimating COVID-19 exposure in a classroom setting: A comparison between mathematical and numerical models" |
| Enhancements to Wells-Riley: Alexander Edwards (2024) | Alexander Edward's Paper | Edwards, 2024, "The Wells-Riley model revisited: Randomness, heterogeneity, and transient behaviours" |
| Enhancements to Wells-Riley: Alexander Edwards (2024) | Motivations For Enhancement | Roberts, 2014, "Nine challenges for deterministic epidemic models" |
| Tools For Visualising Airborne Risk | Examples of Existing Tools | World Health Organisation, 2024, "Indoor Airborne Risk Assessment in the Context of SARS-CoV-2 : Description of Airborne Transmission Mechanism and Method to Develop a New Standardized Model for Risk Assessment" | <https://partnersplatform.who.int/aria> |
| Tools For Visualising Airborne Risk | Examples of Existing Tools | <https://samhe.org.uk/about> | [SAMHE Introductory Assembly - short version](https://www.youtube.com/watch?v=uXigPfxikbw) | [SAMHE Web App Walkthrough: A whistlestop tour!](https://www.youtube.com/watch?v=LCh-EiSnczw) |
| Tools For Visualising Airborne Risk | Examples of Existing Tools | Albettar, 2022, "A real-time web tool for monitoring and mitigating indoor airborne COVID-19 transmission risks at city scale" | <https://concordia-cityrpi.web.app> |
| Tools For Visualising Airborne Risk | Examples of Existing Tools | Harmon, 2021, "The Facility Infection Risk Estimator™: A web application tool for comparing indoor risk mitigation strategies by estimating airborne transmission risk" | <https://www.branchpattern.com/facility-infection-risk-estimator> |
| Tools For Visualising Airborne Risk | Design Considerations | Dupont, 2022, "Publicly Available, Interactive Web-Based Tools to Support Advance Care Planning: Systematic Review" |