An Appeal to Parents, Teachers, Administrators



Children's Smiles are Essential for a Healthy Society Five Important Reasons to Unmask Your Child

1. Disease harm

Several scientific studies have found **disease-causing bacteria and fungi** growing on masks (even regularly washed)

2. Physical harm

Studies have shown: prolonged usage causes **mask induced exhaustion syndrome**: headache, dizziness, decreased oxygen, increased blood CO₂

3. Emotional and psychological harm

Communication difficulties, **learning and social development** are affected; viewing everyone as a danger is societally harmful

4. Children did not have a Covid-19 pandemic

Risk of Covid-19 for healthy children was **always much less** than other risks we are already used to: other diseases, freak accidents, mental health

5. Masks do not block respiratory viruses

Size of aerosols with virus is much less than gaps in masks; best available scientific evidence shows **no preventive effect** of using masks



2020: abundant precaution

2021: fear

2022/2023: harmful & unreasonable

We invite mask proponents to a scientific conversation and debate on the above aspects

For details & scientific references: https://uho.org.in/files/unmask-kids.pdf (Apr 2023)

बच्चों के मास्क हटाएं माता-पिता, शिक्षकों, प्रशासकों से एक प्रार्थना



स्वस्थ समाज के लिए बच्चों की मुस्कान जरूरी अपने बच्चे का मास्क हटाने के पाँच महत्वपूर्ण कारण

- रोग हानि
 कई वैज्ञानिक अध्ययनों से पता चला है कि रोग पैदा करने वाले बैक्टीरिया और फंगस मास्क पर बढते हैं (धोए गए में भी)
- शारीरिक नुकसान
 अध्ययनों से पता चला है: लंबे समय तक उपयोग मास्क प्रेरित थकावट सिंड्रोम का कारण बनता है: सिरदर्द, चक्कर आना, ऑक्सीजन में कमी, रक्त CO₂ में वृद्धि
- 3. भावनात्मक और मनोवैज्ञानिक नुकसान संचार संबंधी कठिनाइयाँ, सीखने और सामाजिक विकास प्रभावित होते हैं; सभी को खतरे के रूप में देखना सामाजिक रूप से हानिकारक है
- 4. बचों को कोविड-19 महामारी नहीं थी स्वस्थ बचों के लिए कोविड-19 का जोखिम अन्य सामान्य जोखिमों की तुलना में हमेशा बहुत कम था: अन्य बीमारियां, सनकी दुर्घटनाएं, मानसिक स्वास्थ्य
- 5. मास्क श्वसन वायरस को रोकते नहीं वायरस वाले एयरोसोल्स का आकार मास्क में गैप से काफी कम होता है; सर्वोत्तम उपलब्ध वैज्ञानिक प्रमाण मास्क के उपयोग का कोई निवारक प्रभाव नहीं दिखाते हैं



2020: प्रचुर सावधानी

2021: डर

2022/2023: हानिकारक और अनुचित

हम मास्क समर्थकों को उपरोक्त पहलुओं पर वैज्ञानिक बातचीत और बहस के लिए आमंत्रित करते हैं

विवरण और वैज्ञानिक संदर्भों के लिए: https://uho.org.in/files/unmask-kids.pdf (Apr 2023)

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Details and References to Publications

Disease Harm

- 1. "Bacterial and fungal isolation from face masks under the COVID-19 pandemic", https://www.nature.com/articles/s41598-022-15409-x, Scientific Reports, Jul 2022
 - a) "longer mask usage significantly increased the fungal colony numbers"
 - b) "we found several pathogenic microbes; Bacillus cereus, Staphylococcus saprophyticus, Aspergillus, and Microsporum."
 - c) such microbes found on face-side as well as outer-side of masks
- "Contamination by respiratory viruses on outer surface of medical masks used by hospital healthcare workers", BMC Infectious Diseases, Jun 2019, https://bmcinfectdis.biomedcentral.com/articles/10.1186/s12879-019-4109-x
 - a) Adenovirus, bocavirus, respiratory synctial virus isolated from mask samples
 - b) Overall positivity rate: 10.1%
 - c) "Virus positivity was significantly higher in masks samples worn for > 6 h"
 - d) "Most of the participants (83.8%, 124/148) reported at least one problem associated with mask use."
 - e) "Commonly reported problems were pressure on face (16.9%, 25/148), breathing difficulty (12.2%, 18/148), discomfort (9.5% 14/148), trouble communicating with the patient (7.4%, 11/148) and headache (6.1%, 9/148)."
- 3. "Pilot study on burden of fungal contamination in face masks: need for better mask hygiene in the COVID-19 era", Infez Med, Dec 2021, https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8805480/
 - a) "Out of 50 masks, fungal contamination was seen in 35/50 (70%) masks, with Aspergillus sp. being isolated from 26/50 (52%) masks and Mucorales being isolated from 9/50 (18%) of the masks."

Physical Harm

- 4. "Physio-metabolic and clinical consequences of wearing face masks—Systematic review with meta-analysis and comprehensive evaluation", Frontiers in Public Health, Apr 2023, https://www.frontiersin.org/articles/10.3389/fpubh.2023.1125150/full
 - a) "Pooled symptom prevalence (n = 8,128) was significant for: headache (62%, p < 0.001), acne (38%, p < 0.001), skin irritation (36%, p < 0.001), dyspnoea (33%, p < 0.001), heat (26%, p < 0.001), itching (26%, p < 0.001), voice disorder (23%, p < 0.03), and dizziness (5%, p = 0.01)."
 - b) Effects included decreased SpO2 (oxygen saturation), increased blood CO2, heart rate, systolic blood pressure, skin temperature
 - c) N95 had worse effects than surgical masks
 - d) "Masks interfered with O2-uptake and CO2-release and compromised respiratory compensation"





- e) "MIES can have long-term clinical consequences, especially for vulnerable groups"
- f) "So far, several mask related symptoms may have been misinterpreted as long COVID-19 symptoms"
- "Surgical Masks Affect the Peripheral Oxygen Saturation and Respiratory Rate of Anesthesiologists", Frontiers in Medicine, Apr 2022, https://ncbi.nlm.nih.gov/pmc/articles/PMC9047907/
 - a) "After wearing masks for 4 h, the shortness of breath, fatigue, and dizziness/headache rates were 42.1, 34.6, and 30.9%, respectively"
- 6. "Adverse Effects of Prolonged Mask Use among Healthcare Professionals during COVID-19", Journal of Infectious Diseases and Epidemiology, 2020, https://clinmedjournals.org/articles/jide/journal-of-infectious-diseases-and-epidemiology-jide-6-130.php?jid=jide
 - a) "314 respondents (out of 343) reported adverse effects from prolonged mask use with headaches being the most common complaint (n = 245)"
 - b) "Skin breakdown was experienced by 175 respondents, and acne was reported in 182 respondents. Impaired cognition was reported in 81 respondents."
- 7. "Face masks while exercising trial (MERIT): a cross-over randomised controlled study", British Medical Journal Open, Jan 2023, https://bmjopen.bmj.com/content/13/1/e063014
 - a) "Wearing a face mask caused additional symptoms such as breathlessness (n=13, 18%) and dizziness (n=7, 10%)."

Emotional and psychological harm

- 8. "Covid-19: Children born during the pandemic score lower on cognitive tests, study finds", British Medical Journal, Aug 2021, https://www.bmj.com/content/374/bmj.n2031
 - a) The study of children born in 2020 showed a staggering drop of 22% in the average IQ, as measured by standard verbal, motor, and cognitive ability.
 - b) Emotional development of children is primarily via normal social interaction, which is obstructed by masks
- 9. "Covid-19 lockdowns left kids with speech disorders", Deccan Herald, Aug 2021, https://www.deccanherald.com/state/top-karnataka-stories/covid-19-lockdowns-left-kids-with-speech-disorders-1018766.html
 - a) Doctors in the city of Bengaluru in India reported that among children under the age of 5, there has been over a 10-fold increase in those with speech disorders, due to lack of social stimulation.
 - b) How much of these was because of universal masking, covering one of the primary inputs to children: adults' facial expressions?

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Children did not have a Covid-19 pandemic

- 10. "Putting Kids First: Addressing COVID-19's Impacts on Children", Testimony of Tracy Beth Høeg, MD, PhD, Before the Committee on Energy and Commerce Subcommittee on Oversight and Investigations U.S. House of Representatives, Sep 2021, https://tinyurl.com/puttingkidsfirst
 - a) For children, Covid risk is less than seasonal flu risk, even less than road accident risk and mental health issues
- 11. "Intervention Needs Evidence; Disruption Needs Strong Evidence", Oct 2022, https://brownstone.org/articles/intervention-needs-evidence-disruption-needs-strong-evidence/
 - a) Data from Europe shows that in the under-65 age-group, there were comparable or even less deaths in 2020 and 2021, compared to recent prior years

Masks do not block respiratory viruses

- 12. "Physical interventions to interrupt or reduce the spread of respiratory viruses", Cochrane Database of Systematic Reviews, Jan 2023,
 - https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD006207.pub6/full
 - a) "Wearing masks in the community probably makes little or no difference to the outcome of influenza-like illness (ILI)/COVID-19 like illness compared to not wearing masks (risk ratio (RR) 0.95, 95% confidence interval (CI) 0.84 to 1.09"
 - b) "Wearing masks in the community probably makes little or no difference to the outcome of laboratory-confirmed influenza/SARS-CoV-2 compared to not wearing masks (RR 1.01, 95% CI 0.72 to 1.42"
- "Medical Masks Versus N95 Respirators for Preventing COVID-19 Among Health Care Workers", Annals of Internal Medicine, Dec 2022, https://www.acpjournals.org/doi/10.7326/M22-1966
 - a) "In the intention-to-treat analysis, RT-PCR–confirmed COVID-19 occurred in 52 of 497 (10.46%) participants in the medical mask group versus 47 of 507 (9.27%) in the N95 respirator group (hazard ratio [HR], 1.14 [95% CI, 0.77 to 1.69])."
- 14. "Effect of Distributing Locally Produced Cloth Facemasks on COVID-19-Like Illness and All-Cause Mortality a Cluster-Randomised Controlled Trial in Urban Guinea-Bissau", Lancet preprint, Jan 2023, https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4307646&s=09
 - a) "Few participants reported COVID-19-like illness (<2%); proportions did not differ by trial arm: Odds Ratio (OR)=0.81 (95%CI:0.57-1.15). 177 participants reported consultations and COVID-19-like illness (OR=0.83 (0.56-1.24)); 89 persons died (OR=1.34 (0.89-2.02))."
- 15. "Were masks in hospitals a waste of time? Hated NHS policy made 'no difference' to Covid infection rates, study finds", Apr 2023,
 - $\underline{https://www.dailymail.co.uk/health/article-11946447/Masks-hospitals-no-difference-Covid-infection-rates-study-finds.html}$
 - a) Observational study at St George's Hospital (UK)
 - b) "Researchers found removing the mask policy in phase two did not produce a 'statistically significant change' in the hospital-acquired Covid infection rate."