



A safe flight for children through COVID-19 disaster: keeping our mind open!

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In 1972 the pilots of Eastern Air Lines Flight 401 to Miami International Airport noticed that the nose wheel of the landing gear was not locked properly in place. While the crew was troubleshooting the anomalous gear indicator and the autopilot was disconnected, they did not notice that the aircraft was gradually losing altitude until it finally crashed into the Florida Everglades. The improper division of duties on the flight deck, the exclusive focus on one aspect of the flight security, and the failure to think about all available resources for a safe landing was underlying this tragedy [2]. This event might be of help to face the current coronavirus induced disease-19 (Covid-19) crisis. Nowadays, most countries affected by Covid-19 are in lockdown. Standard measures put in place are travel bans, working from home, closure of schools, and, overall, limiting social contacts as much as possible. It is necessary to contrast the immediate consequences of Covid-19 pandemics such as a shortage of intensive care units and a high death toll. However, both health authorities and care providers should not forget the dormant and mostly unseen effects of these measurements, especially on vulnerable individuals. Through this editorial we would like to encourage its

readers to comprehensively consider the possible negative and positive consequences of lockdown measures on children.

School closures have led to 1.5 billion school-age children and adolescents being homebound, representing over 90% of the world's student population, thereby reaching beyond borders and posing potential global issues for those affected [4]. Teachers, schools, and institutions have undertaken tremendous efforts to supply children with education at home. However, being homebound as a child should not be taken lightly. Besides the lack of knowledge-creating a possible educational backlog- also social and peer support provided by school, or sports clubs have vanished. Moreover, through social distancing, children are unable to visit their grandparents.

On top of that, the new disease Covid-19 has brought about many unknowns and thereby causing social stigmatization towards groups of people, those infected and their family [5]. Yet, children are possibly not only affected in the social or educational domain. A lockdown could have serious health consequences, such as a risk of late presentation to the hospital, frequent dental problems [6], irregular sleeping patterns, an increase in sedentary behavior, as well as an increase in- or worsening of domestic violence [1]. The French Ministry of the Interior has reported a rise in child abuse warnings of 90%, substantiating the gravity of the situation [3].

On the other hand, every disaster has its learning opportunities, and so does the current Covid-19 crisis. We must not forget that the previously mentioned negative consequences might coincide with possible positive aspects. Children being homebound now have more time to spend with their caregivers, as well as with their siblings. Also, school closures might induce awareness in children that school and education is an opportunity, and school closures might lead to a decrease in negative social phenomena, such as bullying. Furthermore, the nature of the current crisis brought about national and international campaigns to raise awareness for personal hygiene. Parents are stimulated to educate children on health responsibilities and involve children in, e.g. washing hands. On top of that, in some cases, due to the lack of regular

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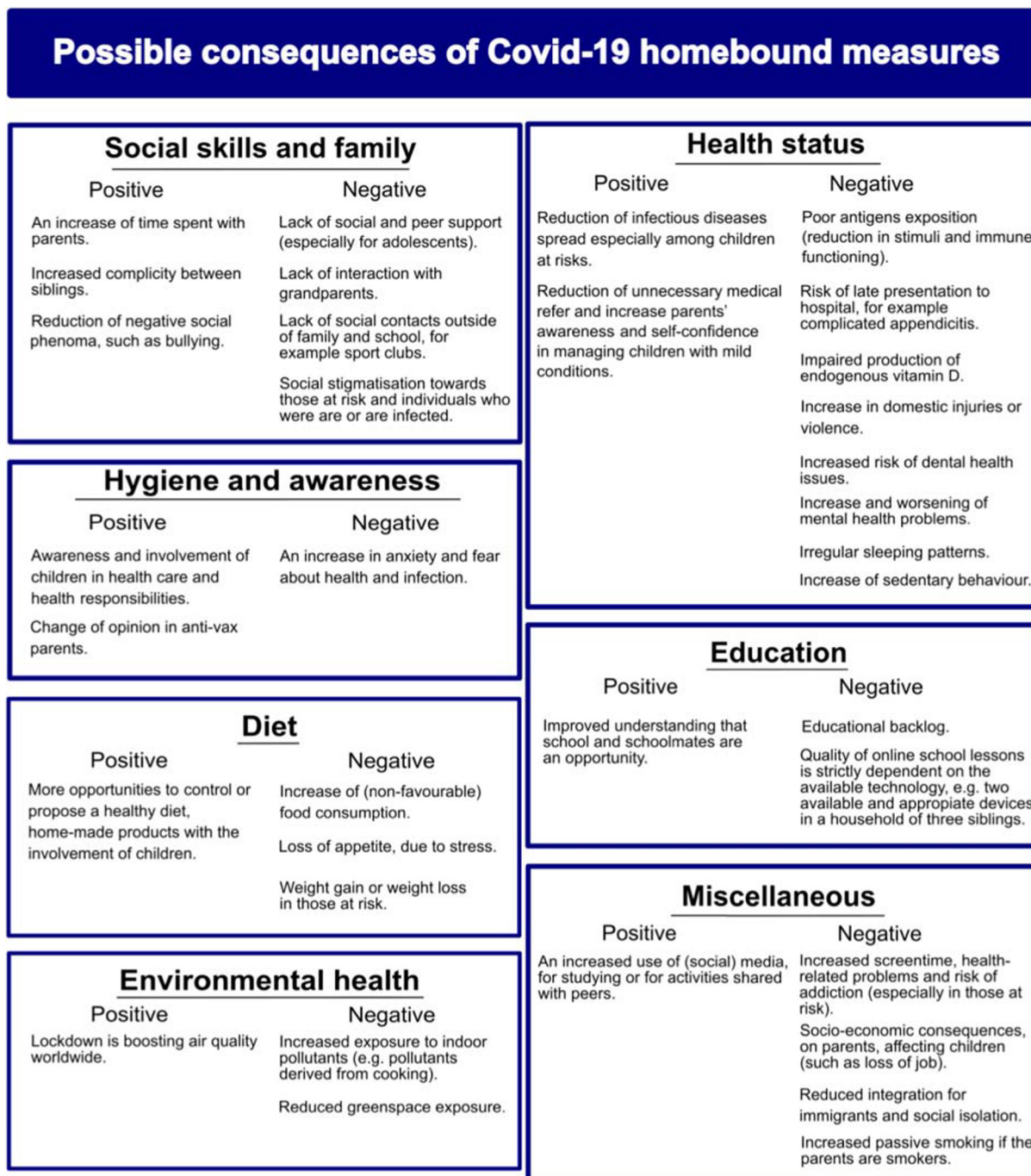
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healthcare availability, parents are forced to rely on their skills to manage children with mild symptoms of any disease, and this might increase parents' self-confidence in maintaining the health of their children.

With this, we would like to encourage and inspire readers to take into account the possible negative consequences of the current Covid-19 crisis. But, simultaneously take into consid-

eration the potential learning opportunities in the form of positive implications. Many of them have not been discussed, but they are reported in a comprehensively way, at least tentatively, in the figure. Some others might still be currently unknown. All in all, we hope that clinicians, researchers, caregivers, and any others involved will establish a broad focus towards this crisis, to facilitate a safe landing for our children.



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