

Solidarity and universal preparedness for health after covid-19

Göran Tomson and colleagues argue that our ability to control pandemics requires global action to counter inequalities from demographic, environmental, technological, and other megatrends

Humankind has set a historical precedent in the past century with enormous social and economic transformations, advancement, and prosperity in many parts of the world. These have been supported by technological innovations, increased life expectancy, and changing governance from autocratic to democratic in many countries. However, socioeconomic disparities remain worldwide, limiting the achievement of the UN 2030 Agenda for Sustainable Development.¹

An important reason for these disparities is that megatrends—activities, movements, or patterns that fundamentally alter individual, social, and technological behavioural structures—have never been so pervasive, explosive, or accelerated.² Megatrends such as demographic changes, global environmental change, power imbalances, and technological innovations are having long lasting effects.³ Adding to these, gender inequality has failed to recognise and reward women's potential.⁴ The scarcity of natural resources and increased consumption have reinforced the competition for global resources, further intensifying distribution inequities. Because of these inequities, the covid-19 pandemic has hit unevenly.

Automation after the industrial revolution transformed the labour market,

population growth caused increased urbanisation, while fossil fuels carbon emissions, urbanisation, and environmental pollution have accelerated the global threat of climate change and are still spiralling out of control. Demographic changes have led us to encroach on habitats of species that are hosts to viruses with pandemic potential and increased their opportunities to jump from one species to another.⁵ Once new viruses have entered a human host, our interconnectedness resulting from urbanisation and mobility allow them to spread quickly and effectively. We witnessed this scenario in the initial phase of the covid-19 pandemic when the virus got a foothold on all continents within weeks of its first known occurrence in Wuhan, China.⁶

Megatrends enabled covid-19 to hit unevenly

Covid-19 has had uneven global effect because of existing inequity. Figure 1 shows four megatrends that have created the vulnerabilities exacerbated by covid-19.

Demography and context

The trajectory of the pandemic in different communities has been influenced by population characteristics. Virus transmission accelerated in households with cramped living conditions and those without basic sanitary infrastructure. Urbanisation has constrained prevention and mitigation efforts and increased vulnerability.⁷ Ageing populations with a high prevalence of underlying conditions faced a high death toll, while younger populations in low and middle income countries were disproportionately affected by the socioeconomic consequences of lockdown and other public health measures.

Covid-19 has unveiled existing inequities to the extent that they can no longer be ignored. National strategies to combat the pandemic, such as lockdowns and sweeping restrictions on movement, have undermined global economic security, increased inequalities in access to resources, diminished the enjoyment of rights to healthcare, education, and

social protection, and exacerbated discrimination, gender inequality, xenophobia, and domestic violence.⁸ The effects were mostly felt by populations often already excluded from healthcare and job opportunities, such as minority groups, indigenous populations, migrants, and informal economy workers, leading to their further isolation and unemployment.^{9 10}

Environmental change

Global environmental change takes a hefty toll on populations in low and middle income communities, such as droughts leading to diminished harvests and poor diets, heatwaves, lack of green spaces, high air pollution, and soil erosion. These changes further reinforced socioeconomic vulnerabilities at both local and global levels.¹¹ They have exacerbated morbidity and mortality and added burden to the overwhelmed health system dealing with covid-19.¹² Habitat destruction has also increased the spread of SAR-CoV-2.¹³

Technological innovation

The covid-19 pandemic has highlighted differences in access to technological innovations. For example, research shows that half of the world's population, including 360 million young people, does not have access to the internet.^{14 15} The “digital divide” reinforces socioeconomic vulnerabilities and adversely affects those with the least digital skills, such as elderly people.^{16 17} School closures because of covid-19 have affected the learning of children without access to digital technology and online learning methods, affecting their health and wellbeing now and in the future.¹⁸ When children are unable to access a safe school environment, school dropout rates often increase, children and adolescents experience higher levels of exploitation and violence, and their future employment opportunities are harmed.¹⁰

Although the burgeoning use of social media worldwide has provided opportunities to share validated information during the covid-19 pandemic,¹⁹ it has also been a driver of false information, fuelling

KEY MESSAGES

- The covid-19 pandemic has unveiled inequities and laid bare the growing crisis in global governance for health
- Global demographic and environmental trends have long-lasting effects on global health and created the vulnerabilities exacerbated by covid-19
- This interplay shows the need for solidarity within the global community to build resilient systems before the next pandemic
- A global, multisectoral governance mechanism is needed to create the conditions to support solidarity and universal preparedness for health

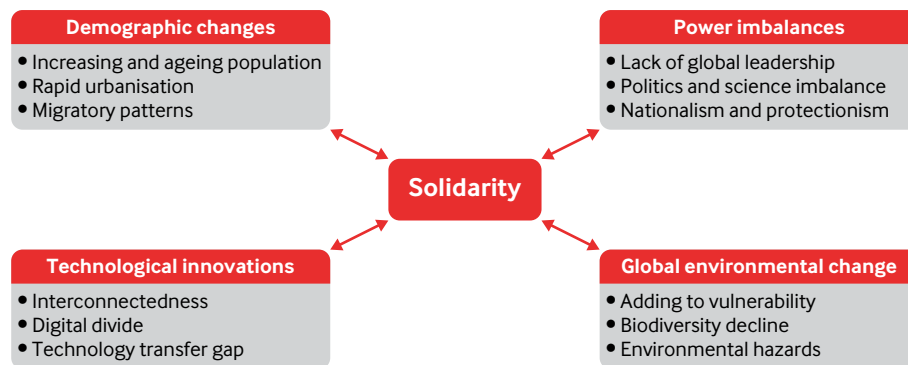


Fig 1 | Four megatrends creating vulnerability and the need for solidarity during covid-19

conspiracies and supporting detrimental social behaviours. However, social media use has also been important for increasing a sense of community and connection during lockdowns and movement restrictions put in place to slow covid-19 transmission.

Power imbalances

Over the past few decades, power imbalances have contributed significantly to inequities in health. Notably, many countries have effectively ceded power to international financial institutions and multinational corporations.²⁰ This reduced their capacity to meet population health needs, while private concentration of wealth and power grew considerably.^{20 21} At the same time, the UN system has weakened—for example, the World Health Organization has seen its authority eroded, with a gradual reduction of financial support from all member states and threatened withdrawal by the US.²² This has hampered international coordination and information exchange during the pandemic.

The trend towards increased nationalism and protectionism has amplified these effects.²³ We have seen politics often take precedence over science. Covid-19 has highlighted the conflict between medical and public health experts on the one hand and political decision makers on the other when expert advice is not aligned with political goals.²⁴

The pandemic has exposed fissures and flaws in our societies that need to be amended so that the communities can build societal resilience before the next pandemic hits.²⁵ It has also laid bare the growing crisis in global governance for health to tackle these challenges to humanity. While there are mechanisms for supranational governance, arguably no single or combined supranational governance mechanism effectively

addresses the major determinants of health and the issues arising between science and politics.²⁰

Need for solidarity and universal preparedness

The interplay between megatrends and covid-19 shows the need for structural responses to the systemic drivers of health and social inequities within and across countries. The pandemic should unite the entire global community to build societal resilience to cope with the next crisis.²⁵ It is a stark illustration of why solidarity and unity of action is required to mitigate or reverse the megatrends that have left the world vulnerable to the spread of disease. We believe solidarity is the key response strategy.

Solidarity is building on elements of “relationships among individuals, peoples, and states.”²⁶ It underpins global partnerships and is an essential component of efforts to realise all human rights, including internationally agreed development goals. Justice is a vital component of solidarity and requires governments to respect, protect, and fulfil the rights of citizens while contextualising their response to citizens’ different needs.²⁶

Solidarity can also help control pandemics. With increasing population density, biodiversity loss, lack of sustainable agriculture practices, the digital divide, and global interconnectedness, we need to start being responsible to one another and the generations to come. Solidarity asks for respect and implementation of treaties that secure human rights, right to development, political rights, economic rights, accountability, and participatory action. We know that nobody is safe until everybody is safe.

Solidarity can be enacted through universal preparedness for health across geographical and generational borders

and socioeconomic groups. Universal preparedness for health is a cross-sectoral challenge that extends far beyond the healthcare sector. It goes beyond universal health coverage, which includes financial risk protection, access to quality essential health care services, and access to safe, effective, quality, and affordable medicines and vaccines.¹ Universal preparedness for health adds the “time” dimension, as being prepared is a global responsibility to avoid the next global emergency.²⁷ A starting point would be to revisit and strengthen the International Health Regulations sidelined in the covid-19 pandemic, but this is not enough to reduce the vulnerability created by megatrends that cut across sectors such as health, education, social protection, climate, and urban development.

Universal preparedness requires a trans-sectoral approach to mitigate the structural drivers of health and social inequities, including multidimensional poverty and discrimination. It requires tackling the increasingly important political determinants of health, such as the growth and influence of transnational corporations that dwarf the economic capacity of countries and international organisations.²⁰ Such an approach is not emphasised enough in current global health efforts.

Universal preparedness will therefore require a proactive use of resources to build societal resilience and reduce the structural inequalities that hinder development and perpetuate poverty. For example, social protection measures will be needed for those who are most vulnerable, such as those who are self-employed or in insecure work. More targeted support for people who have fallen behind and more equitable distribution of resources to meet people’s needs are essential. Universal preparedness for health requires changes to the global financing architecture to secure

sustainable funding, including domestic and international financing, which are key to safeguarding health and development outcomes.²⁸

Stronger international and national collaboration through data sharing and research is critical for understanding and reducing structural vulnerabilities that have contributed to some groups being hit harder by covid-19. We must be better prepared with more evidence to inform how policies could adversely affect the most vulnerable society in terms of economic and social costs.

Being prepared also means investing in people. In addition to promoting population health through structural measures for social equality, universal preparedness requires stronger and more accountable people-centred health systems.^{29,30} Fair and effective governance at both national and global levels, which engages multiple stakeholders, including citizens, in decision making is fundamental to modern democracies and to building solidarity.³¹

Global governance to support solidarity

Megatrends and their interplay with covid-19 present major challenges to the global community and require a multisectoral and internationally collaborative response. To support solidarity and universal preparedness in a post-covid world we must unite around a global, multisectoral governance mechanism that tackles the determinants of health at global, national, and local levels.^{31,32} As the Lancet Covid-19 Commission suggests, global cooperation, social justice, sustainable development, and good governance are needed to rebuild with resilient health systems and global institutions and to transform economies based on sustainable and inclusive development. Global governance mechanisms would also overcome the profound challenges faced by multilateral institutions caught in the middle of big power politics during covid-19.³³

The Independent Panel for Pandemic Preparedness and Response (IPPR) has an opportunity to go beyond reviewing how countries and WHO responded to covid-19 to propose such a global governance mechanism.³² The Lancet Covid-19 Commission should do the same.³³ We need to be guided by the principles of the UN 2030 Agenda for Sustainable Development to mitigate the effect of megatrends that enabled covid-19 to exacerbate existing inequalities within and across countries.¹ Global collective action in support of solidarity and universal health

preparedness is critical for a more resilient and inclusive post-covid world.

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