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### Module 1: Future Trends

The emergence of infectious diseases is a global trend that has become apparent over the last few decades. These diseases can surface from several sources, including new strains of novel viruses that infect humans. Globalization, urbanization, and climate change are contributing to the spread of infectious diseases, and the threat of pandemics is growing. COVID-19 is just the latest example of the impact that emerging infectious diseases can have on the world.

This global trend is significant because it threatens public health and global economies. These diseases can spread rapidly, causing outbreaks and pandemics, impacting health, social stability, and global economies. Emerging infectious diseases are often more challenging to control and treat because they need well-developed treatment and prevention strategies. Several resources and action steps are needed to prevent the global trend of emerging infectious diseases. This includes improving global surveillance and response systems, enhancing public health systems and access to healthcare, investing in research and development of new treatments and vaccines, and helping developing countries to strengthen their health systems. Also, a coordinated effort from governments, NGOs, and researchers are necessary to prevent and respond to emerging infectious diseases.

The likelihood of implementing the prevention steps to address the global trend of emerging infectious diseases is possible. In recent years, there has been increased recognition of the threat of emerging infectious diseases. The COVID-19 pandemic has highlighted gaps in global preparedness and response systems, highlighting the need for more robust and sustained efforts to address emerging infectious diseases.

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