

Strategies for Building Resilience of 15-Minute Community Life Circles From the Perspective of Infectious Diseases

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Abstract : COVID-19 has triggered the planning circles to think about how to improve the city's ability to respond to public health emergencies. From the perspective of the community, this article reviews the risk cases in Wuhan Chenjiadun Community and other communities under the epidemic, and analyzes the response to public health emergencies such as infectious disease outbreaks in the excellent cases of resilient epidemic prevention communities. Then, combined with the planning of the living circle, it demonstrates the necessity of integrating the concept of resilience into the 15-minute community living circle to make up for the shortcomings of infectious disease prevention. Finally, it is proposed to strictly control the source and tail of the epidemic in the layout of the living circle, daily health and epidemic emergency should be taken into account in planning, community medical resources should be decentralized in management, and the application of smart technologies in the planning of living circle should be fully emphasized, so as to improve the community's ability to respond to public health emergencies.

Keywords : pandemic, resilient cities, resilient community, 15-minute community life circle

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