

Thinking on the Improvement of Community Grid Function in Response to Major Epidemic Situation

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ABSTRACT

Community grid management is the most accurate, the most grass-roots and the fastest way to deal with major epidemics. To study the function of community grid is an important link to achieve the victory of epidemic prevention and control. This paper puts forward three suggestions to improve the functions of information management and resource integration.

Keywords: *major epidemic, community grid management, function*

1. INTRODUCTION

Community grid management is a new urban governance model, which takes the unified urban management and digital platform application as the core, divides the urban management area into unit grid according to certain standards as the management unit, takes fine management as the goal and takes socialization as the means. So far, the grass-roots community has basically built a grid governance mechanism.

2. IMPROVE THE MANAGEMENT FUNCTION OF INFORMATION

2.1. Timely collection and feedback function of information

In essence, community grid management is a kind of information and digital management mode. Through the application of modern Internet technology and database, dynamic, refined and all-round information collection and feedback are implemented for each grid to effectively meet the needs of community management and residents.

Under the severe epidemic situation, more timely requirements are put forward for information collection and feedback. The timeliness of information collection and feedback can be ensured by establishing the information responsible person system with clear rights and responsibilities and reasonable division of labor. The work responsibilities of the top-down and relevant information of the grid chief instructor, chief grid manager, grid supervisor, grid leader and grid member can be defined. Set the working relationship with feedback, and strictly control the boundary and time requirements of information at all

levels. On the basis of subdivision grid, we can achieve rapid response, complete responsibility and ensure the traceability of responsibility.^[1]

2.2. Efficient processing and processing of information

First of all, the network technology is used to process the information to realize the dynamic epidemic prevention and control grid. Establish a community grid major epidemic management system under the unified guidance of the government, promote information fusion and sharing, enhance the intelligence of community epidemic prevention and control, conduct comprehensive and systematic analysis and understanding of the epidemic situation, adopt big data screening technology in the platform, quickly capture the epidemic situation and basic laws, realize the linkage and cooperation between grids, and realize the dynamic of "multi network integration". To make scientific epidemic judgment and anti epidemic decision.

Secondly, relying on scientific information processing and processing methods, we can achieve accurate service and management for residents. Based on the grid management and digital research and judgment, the collected information is included in the database, the appropriate algorithm is selected, and the quantitative and systematic management is adopted. According to the model, the development of epidemic situation and the demand of residents are predicted and responded. It can reduce the number of grid members coming to the door and avoid repetitive work; it can control the demand category and demand development and change of residents through digital information processing; it can track different groups of people, especially vulnerable groups, and do a good job in planning and management, and provide accurate anti epidemic services.

3. ENHANCE THE INTEGRATION FUNCTION FUNCTION OF RESOURCES

3.1. Accurate resource docking function between departments

3.1.1. Resource docking between community and medical institutions

In order to enhance the accuracy of medical treatment, we can arrange the whole process resource docking from consultation, treatment and late rehabilitation. Consultation stage: Based on the high risk of infection and the relative lack of medical resources, volunteers with doctor's qualification certificate, retired hospital doctors and interns can be arranged for outdoor or online consultation to meet the basic medical needs of residents in special period. According to the different results of the consultation, the personnel were divided into two groups: mild cases were treated with medicine at home according to the doctor's advice, and the patients were treated in severe medical institutions. Treatment stage: by the community and medical institutions to contact, the community real-time transmission of patient information, medical institutions to receive information and feedback treatment and treatment capacity and other basic information, to achieve information synchronization. At the same time, he should be reminded of the information sharing with the community medical institutions in the later stage of rehabilitation, and also remind the patients to share the information with the community medical institutions in the follow-up stage.

3.1.2. Resources docking between community and business

Led by the community and coordinated by the property management, the mode of "online ordering by residents and one click distribution by community merchants" is adopted. Various convenient ways such as network app and small program are fully utilized. The community acts as the contact person, organizer and supervisor to form a win-win cooperation between grid residents and businesses, which meets the living needs of community residents and maintains the normal operation of businesses in special periods. For the residents who are accustomed to offline consumption, the community should attach great importance to the supervision of disinfection, ventilation and health inspection of operators in places where daily necessities are provided, such as vegetable markets, supermarkets, convenience stores, etc., and inform the basic information of commodities in advance through the way of community billboards, so as to reduce the time of going out for shopping.

3.1.3. Resources docking between community and government departments responsible for residents' living environment

As a social organization close to the grass-roots level, community is guided by the government and has more advantages than individual residents to connect resources with relevant government departments. The service needs of residents should be contacted with the resources of relevant government departments to match the quantity, quality and structure, form a comprehensive resource allocation system for residents' life. The municipal administration, urban management, water and electricity, public security, civil affairs, industry and commerce, quality inspection, health, family planning and other departments are combined with the community work and form linkage with each other to provide logistics support and safety environment for grid residents to overcome the epidemic.

3.1.4. Resource docking between community grids

Strengthen the communication and exchange among different grids to realize the complete sharing of information and experience and the sharing of human, capital and material resources to a certain extent. We should promote the successful grid anti epidemic effective practices, build a good mass prevention and control mode, and create a "cloud scheduling" platform for epidemic prevention and control that can be unified command, unified action, resource sharing and complementary advantages. Further smooth the line requirements of the whole country, the whole province, the whole city and the whole community should be integrated with grid management, and the integration of top-down and bottom-up resources should be promoted. In particular, the timeliness and enforceability of resource docking operation should be realized, so as to truly reduce the repeated expenditure and effectively reduce the burden and increase efficiency. [2]To promote the "one network" of community services close to the residents, simplify and condense, and integrate the resources of various departments and communities.

3.2. Resource coordination function of complementation among individuals

Volunteers come from different work units and have different educational and social backgrounds. The community can integrate different individual resources, establish a professional and efficient volunteer service team, and set up different service groups according to their specialties, such as epidemic information collection group, material purchase group during the epidemic period, special population care group, epidemic psychological counseling group, etc. under the platform of community

grid management, the grassroots individual resources can be actively sorted out to achieve the goal. Individual resources complement each other, improve the overall level of the volunteer team, effectively assist the community grid work, maximize the individual resource integration function of the community grid, and maximize the individual value. [3] Taking the door of residential area as the management boundary, and taking the self recommended or recommended door keeper as the core, the individual resource coordination within the grid is carried out. At the same time, some community work is carried out, and the masses are mobilized to activate social resources more thoroughly.

4. THE INNOVATIVE FUNCTION OF WORK

4.1. Flexible adjustment function of work content

The previous grid work content arrangement is not enough to deal with the existing epidemic tasks, and the grid work content can be further adjusted to achieve the epidemic prevention and control service management without omission and blind area. [4] At the same time, the system guarantee is carried out to improve the order and normalization of community prevention and control, so as to ensure the timely flexibility of community grid work adjustment. The focus of work is also adjusted according to the development of different periods of epidemic situation: combining with the reality of each grid, boldly exploring, first try, and constantly innovate, make new breakthroughs in the work content, make new progress in service innovation, so that all residents and new needs related to the epidemic can enter the work content of community grid service.

4.2. Innovative implementation function of working mode

Under the severe epidemic situation, the community grid management should be based on the principles of faster procedures, more simplified procedures and more convenient channels. We should not stick to the routine procedures, implement special special operations in special periods, actively use various new media means to actively promote epidemic prevention information and precautions, do a good job in propaganda of epidemic prevention knowledge, and mobilize grid residents to participate in the fight against the epidemic situation; residents can master the community dynamic information through mobile phone terminal, realize not directly contact with online services, use electronic information instead of traditional paper documents; make full use of various new media means to actively promote epidemic prevention information and precautions, and mobilize grid residents to participate in

the fight against the epidemic. The information feedback is used to assess the community staff and correct or improve the community work. [5]

5. conclusion

In the face of the sudden attack of new coronavirus, a battle no less than World War level has been launched all over the world. In this major epidemic campaign, the community has become the forefront of China's epidemic prevention and control. Whether from the prevention and control of this campaign or the need to win the battle, the role of the community is crucial.

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