**Appendix 1 Interviewing guide for in-depth interviews**

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| **Interview questions** | **Follow-up questions** |
| 1. What is the present situation of the construction of the public health service system in Beijing? | * What is the status of professional public health service networks such as disease prevention and control, health education and health promotion, maternal and child health care, mental health, emergency treatment, blood collection and supply, health supervision and family planning? |
| 1. Has Beijing formulated a public health service system development plan suitable for the construction of healthy China and healthy Beijing? | * If yes, how did you plan it? * If no, why not? What is the main reason? |
| 1. Has integration and cooperation been achieved among the various public health institutions in Beijing | * If yes, what about integration and collaboration mechanisms? * If no, why not? What are the obstacles to the integration and collaboration of various public health institutions? |
| 1. How can we encourage cooperation between public health institutions and medical institutions in Beijing? | * How can we realize cooperation between prevention and treatment, as in the prevention and treatment of chronic diseases, the combination of therapy and health, and so on? * How can we evaluate the implementation of public health work in medical institutions? |
| 1. What are the present situation and challenges for the construction of a public health information platform (Regional health information platform) in Beijing? | * Is there a regional health information platform for cross-sectoral connectivity?  1. If yes, how does information sharing between agencies in different areas achieve regional synergy? What are your experiences in the integration and interconnection of public health information resources? 2. If no, why not? What are the main difficulties hindering the connectivity of regional public health information? |
| 1. Has the development of basic and major public health projects in Beijing established an effective cross-departmental cooperation mechanism? | * If yes, what are the useful experiences? * If no, why not? What are the main problems and difficulties? |
| 1. Has Beijing established a joint prevention and control mechanism for major diseases? | * If prevention is the main point, what is the key point and foothold of the *combination* of prevention and control? * If no, why not? |
| 1. What is the present situation of monitoring and early warning management of public health emergencies in Beijing? | * Does it include the establishment of multi-department (such as public security, fire, traffic, etc.) information sharing, big data monitoring, and an early warning platform? |
| 1. How well does the multisectoral cooperation and mechanisms work in the event of a major epidemic or a public health event? | * If well, how do departments cooperate and collaborate? * If not well, what is the main reason? |
| 1. What is the current situation of the construction and development of a health supervision and law enforcement team in Beijing? | * What is the current status of the legal system, and how are software and hardware resources allocated?? * If there is a need for joint law enforcement with other departments, is the coordination and co-operation mechanism smooth? |