## Appendix 3

**Questionnaire on the Current Status and Development Trends of National Emergency Medical Services**

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| --- | --- | --- |
| 1 | Full Name |  |
| 2 | Nationality |  |
| 3 | Current Hospital/Institution |  |
| 4 | Department |  |
| 5 | Position/Title |  |
| 6 | What is the national institutional and policy framework governing emergency medical services (EMS)?  (eg. Is there an EMS law or regulation? Are there clear strategic plans and emergency response protocols? Which government agencies are responsible?) | （At least 100 words） |
| 7 | How are EMS resources and infrastructure distributed and managed across the country?  (eg. What is the coverage of EMS centers and stations, especially in urban vs rural areas? How adequate is the ambulance fleet and its technical capacity? Are communication and dispatch systems efficient? What is the availability of essential life-support equipment?) | （At least 100 words） |
| 8 | What is the structure and capacity of the EMS workforce?  (eg. What about the emergency physicians, nurses, and paramedics, and where are they deployed? Is there a professional certification system? Are there shortages or high turnover rates?) | （At least 100 words） |
| 9 | To what extent do government funding and policy incentives support the development and sustainability of the EMS system?  (eg. Is there a dedicated EMS budget line at national or local levels? Do policy incentives exist for infrastructure development, staff recruitment, or technology adoption? How stable and long-term is the financial commitment?) | （At least 100 words） |
| 10 | How accessible and timely are emergency medical services for the population?  (eg. What is the average response time from call to arrival? Are there regional disparities in response time? Are there underserved areas? Is there effective coordination among EMS and hospitals for patient transfer?) | （At least 100 words） |
| 11 | What is the level of public awareness and community engagement in emergency care?  (eg. How widespread is CPR and first-aid training? Are schools and workplaces involved in training? Do people recognize and appropriately use emergency hotlines? What role do NGOs and volunteers play in EMS?) | （At least 100 words） |
| 12 | What are the key challenges facing the EMS system, and what are the current directions for reform?  (eg.What structural weaknesses exist? Are there national reform initiatives or pilot programs? How are new technologies like AI, 5G, or mobile apps being integrated? How does the current EMS system compare with international standards?) | （At least 100 words） |
| For the following questions, please select one of the five options based on your level of agreement with each statement. | | |
| Institutional and Policy Framework | | |
| 1 | The country has a well-defined legal framework for emergency medical services (EMS). | □Strongly Disagree □ Disagree □ Neutral  □ Agree □ Strongly Agree |
| 2 | Government agencies have clearly defined roles and coordination mechanisms for EMS. | □Strongly Disagree □ Disagree □ Neutral  □ Agree □ Strongly Agree |
| 3 | The government regularly evaluate and revise EMS policies to adapt to changing circumstances. | □Strongly Disagree □ Disagree □ Neutral  □ Agree □ Strongly Agree |
| 4 | Policies clearly outline quality standards and evaluation systems for EMS. | □Strongly Disagree □ Disagree □ Neutral  □ Agree □ Strongly Agree |
| 5 | The relevant policies of the EMS system take into account the specific needs of different regions (e.g., urban vs rural) | □Strongly Disagree □ Disagree □ Neutral  □ Agree □ Strongly Agree |
| Resource Allocation and Infrastructure | | |
| 1 | The coverage of EMS stations in urban areas is adequate. | □Strongly Disagree □ Disagree □ Neutral  □ Agree □ Strongly Agree |
| 2 | EMS resources are significantly lacking in rural and remote areas. | □Strongly Disagree □ Disagree □ Neutral  □ Agree □ Strongly Agree |
| 3 | The number and equipment level of ambulances basically meet service demands. | □Strongly Disagree □ Disagree □ Neutral  □ Agree □ Strongly Agree |
| 4 | The dispatch and communication system enables efficient emergency response. | □Strongly Disagree □ Disagree □ Neutral  □ Agree □ Strongly Agree |
| 5 | Life-support equipment is sufficiently available at different EMS units. | □Strongly Disagree □ Disagree □ Neutral  □ Agree □ Strongly Agree |
| Human Resources for EMS | | |
| 1 | The current EMS workforce is sufficient for basic service delivery. | □Strongly Disagree □ Disagree □ Neutral  □ Agree □ Strongly Agree |
| 2 | The training system for EMS personnel is well-established and continuously updated. | □Strongly Disagree □ Disagree □ Neutral  □ Agree □ Strongly Agree |
| **3** | Licensing and certification requirements are effectively enforced in the EMS system. | □Strongly Disagree □ Disagree □ Neutral  □ Agree □ Strongly Agree |
| **4** | There is a serious issue of workforce attrition in EMS. | □Strongly Disagree □ Disagree □ Neutral  □ Agree □ Strongly Agree |
| **5** | The government provides attractive compensation and career advancement for EMS staff. | □Strongly Disagree □ Disagree □ Neutral  □ Agree □ Strongly Agree |
| Accessibility and Response Efficiency | | |
| **1** | In most cases, EMS can arrive at the scene within an acceptable time frame. | □Strongly Disagree □ Disagree □ Neutral  □ Agree □ Strongly Agree |
| **2** | There are significant regional disparities in EMS response time. | □Strongly Disagree □ Disagree □ Neutral  □ Agree □ Strongly Agree |
| **3** | Healthcare institutions collaborate effectively during emergency transfers. | □Strongly Disagree □ Disagree □ Neutral  □ Agree □ Strongly Agree |
| **4** | Ambulance dispatch procedures are efficient and standardized. | □Strongly Disagree □ Disagree □ Neutral  □ Agree □ Strongly Agree |
| **5** | EMS response time from alert to action is within national standards. | □Strongly Disagree □ Disagree □ Neutral  □ Agree □ Strongly Agree |
| Public Education and Community Involvement | | |
| **1** | The public has a relatively high awareness of basic first-aid skills (e.g., CPR). | □Strongly Disagree □ Disagree □ Neutral  □ Agree □ Strongly Agree |
| **2** | Systematic first-aid training programs are implemented in schools and communities. | □Strongly Disagree □ Disagree □ Neutral  □ Agree □ Strongly Agree |
| **3** | Most citizens know how to properly call for EMS assistance. | □Strongly Disagree □ Disagree □ Neutral  □ Agree □ Strongly Agree |
| **4** | There is a well-functioning community-based volunteer system for EMS support. | □Strongly Disagree □ Disagree □ Neutral  □ Agree □ Strongly Agree |
| **5** | The government actively promotes public participation in EMS development. | □Strongly Disagree □ Disagree □ Neutral  □ Agree □ Strongly Agree |
| Funding and Policy Support | | |
| **1** | The EMS system receives stable and sufficient government financial support. | □Strongly Disagree □ Disagree □ Neutral  □ Agree □ Strongly Agree |
| **2** | Funding for EMS is fairly distributed across different regions. | □Strongly Disagree □ Disagree □ Neutral  □ Agree □ Strongly Agree |
| **3** | The funding approval and disbursement process is efficient and transparent. | □Strongly Disagree □ Disagree □ Neutral  □ Agree □ Strongly Agree |
| **4** | The EMS system effectively leverage external funding sources (e.g., international aid or private sector investment) . | □Strongly Disagree □ Disagree □ Neutral  □ Agree □ Strongly Agree |
| **5** | Fiscal policies are adaptable to the evolving needs of EMS development. | □Strongly Disagree □ Disagree □ Neutral  □ Agree □ Strongly Agree |