

APPENDIX A

EMERGENCY MEDICAL SERVICES SURVEY QUESTIONNAIRE

NATO COMMITTEE ON THE CHALLENGES OF MODERN SOCIETY
AND
THE WORLD HEALTH ORGANIZATION

PILOT STUDY ON IMPROVING EMERGENCY MEDICAL SERVICES

**EMERGENCY MEDICAL SERVICES
SURVEY
QUESTIONNAIRE**

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The term "emergency medical services system" denotes a network of services that provides for detection and reporting of medical emergencies, care at the scene, transport and care en route to hospital and reception and immediate care of the patient at the hospital.

A. Background Information

Please prepare a brief overview of the following information:

- The history of the national Emergency Medical Services system
- Traditional organization and financing of emergency medical services
- Current status: Authority
Management/Organization
Major Policies
Resources
- Major needs and problems
- Plans for future development

B. Survey Questions on Specific Topics

1. EMS Authority/Responsibility

What ministry, government office or agency has prime responsibility for emergency medical services on the national level? What other offices or agencies participate and in what way? If there are documents presenting the overall national organization please send these with this report.

2. Regional Programs

If your country's emergency medical services have been organized on a regional basis, please enclose a map marking regions that have been established. For each region please indicate the population, resources, and such plans and problems as may be peculiar to the region. (If there is no such regionalization, please indicate).

3. Laws and Regulations

Are there laws or regulations dealing with emergency medical services in your country? Yes _____ No _____
If so, please enclose a list or preferably copies of the relevant documents. (Such documents may include regulations regarding ambulance and equipment standards, training requirements, licensure and certification, radio communication frequencies and any other aspects of emergency medical services.)

4. Information and Education for the General Public and for Specific Audiences

4.1 Please check (✓) the programs of public information and education, related to emergency medical services, that are being carried out in your country.

	Mode of Public Information & Education				Responsible Agency
	Radio	TV	Press	Courses	
4.1.1 Accident Prevention					
a) Home					
b) Roadway					
c) Industry					
d) Schools					
(eg. sports)					
4.1.2 Other Hazardous Areas or Behaviours (eg. Water Safety)					
Specify: _____					

4.1.3 Methods of Access to EMS					
4.1.4 First Aid					
4.15 Other					
Specify: _____					

4.2 Please check (✓) the programs provided for specific audiences related to emergency medical services that are being carried out in your country.

Programs for (✓)

	Trainers	Trainees
4.2.1 <u>Schools</u>		
Elementary School		
- access to EMS		
- First Aid		
- Safety (Accident Prevention) Programs		
Advanced School		
- access to EMS		
- First Aid		
- Safety (Accident Prevention) Programs		
4.2.2 Industry and Business		
- access to EMS		
- First Aid		
- Safety (Accident Prevention) Programs		
4.2.3 Other (Specify)		

5. Emergency Communications

- 5.1 Please describe the arrangement for emergency communication centers and their linkages with ambulances, hospitals and other related public services. What is the responsible agency for this service?
- 5.2 Are radio frequencies dedicated to emergency medical communications, or shared with other services? What is the authority or responsible agency for radio frequency assignment?

6. Ambulances and Other Emergency Vehicles

Please send us a statement or documents related to the specifications listed below and indicate the responsible agency:

- 6.1 Vehicle Design - dimensions, safety features, equipment and other standard specifications.
- 6.2 Identification - colours, symbols, lights, warning devices (siren, bell, etc.)
- 6.3 Special Vehicles (for serious emergencies, such as, respiratory and cardiac crises or life-threatening trauma): please indicate differences in basic vehicle design, equipment, identification and communication apparatus.
- 6.4 Standards for air and sea rescue vehicles.

(If such specifications do not exist in your country, please indicate).

7. Hospitals

Are there policies, in your country, regarding the designation of certain hospitals to receive patients with specific emergency medical problems? Yes _____ No _____
If so, please send us documents or descriptions of the criteria and process by which these hospitals are designated or classified. What is the agency or authority responsible for designation or classification?

8. Personnel

- 8.1 Please indicate the requirements for special training, licensing or certifying personnel involved in emergency medical services and enclose any available documents, course descriptions or other information. Such personnel may include emergency physicians, emergency nurses, emergency medical technicians, ambulance attendants, emergency communication personnel and any other personnel specializing in emergency medical care. What is the agency or authority responsible in each case?

8.2 Are there special training programs available for other health care personnel in emergency medical care procedures? Please indicate one of the agencies responsible for the course in each case

	(✓)	Agency Responsible
<u>Nurses</u>		
- Emergency nursing		
- Cardio-pulmonary Resuscitation		
- Intensive care		
- Coronary care		
- Poison control		
- Disaster training		
- EMS systems		
<u>Medical Students</u>		
- Cardio-pulmonary Resuscitation		
- EMS systems		
- Drowning		
- Traumatology		
- head & face		
- thorax		
- limbs		
- spine		
- abdomen		
- obstetrics		
- paediatrics		
- cardio-vascular		
- poison control		
- disaster training		
<u>Special Post-Graduate Programs</u>		
- Anaesthesiology & cardio-pulmonary resuscitation		
- Traumatology		
- neurosurgery		
- chest surgery		
- abdominal surgery		
- orthopedics		
- drowning		
- cardiology		
- paediatrics		
- obstetrics		
- psychiatry		
- disaster medicine		
- burns		
- poison control		

9. EMS Data Collection

9.1 What ministry(ies), government office(s) or agency(ies) is/are responsible for:

a) collecting and compiling data regarding emergency medical services (for example, emergency calls, ambulance runs, air rescues, hospital emergency visits). Please enclose any available compilations of emergency medical service statistics.

b) funding and coordinating research projects and reports.

9.2 Are there other sources for EMS research funds? If so, please list.

9.3 Please provide a list of current research projects of which you are aware.

10. Disaster

Are there policy guidelines or plans, in your country, for handling mass casualties? Yes _____ No _____
If so, please send us documents or descriptions covering the following:

10.1 Hospital plans

10.2 Community health services plans for disasters

10.3 Regional plans for coordination between community health services and hospital plans for disasters.

10.4 Rail, air and highway disaster plans and degree to which they are coordinated with the above.

10.5 The offices or agencies responsible for mass casualty treatment plans and programs.

11. Special Features

Are there any unique policies, programs, problems or features of emergency medical services in your country which you would like to share with us?

12. Special Needs

12.1 What information regarding emergency medical services in other countries would be of value to you?

12.2 What expert consultants may be helpful for your country in planning, implementation or evaluating advances in emergency medical services?