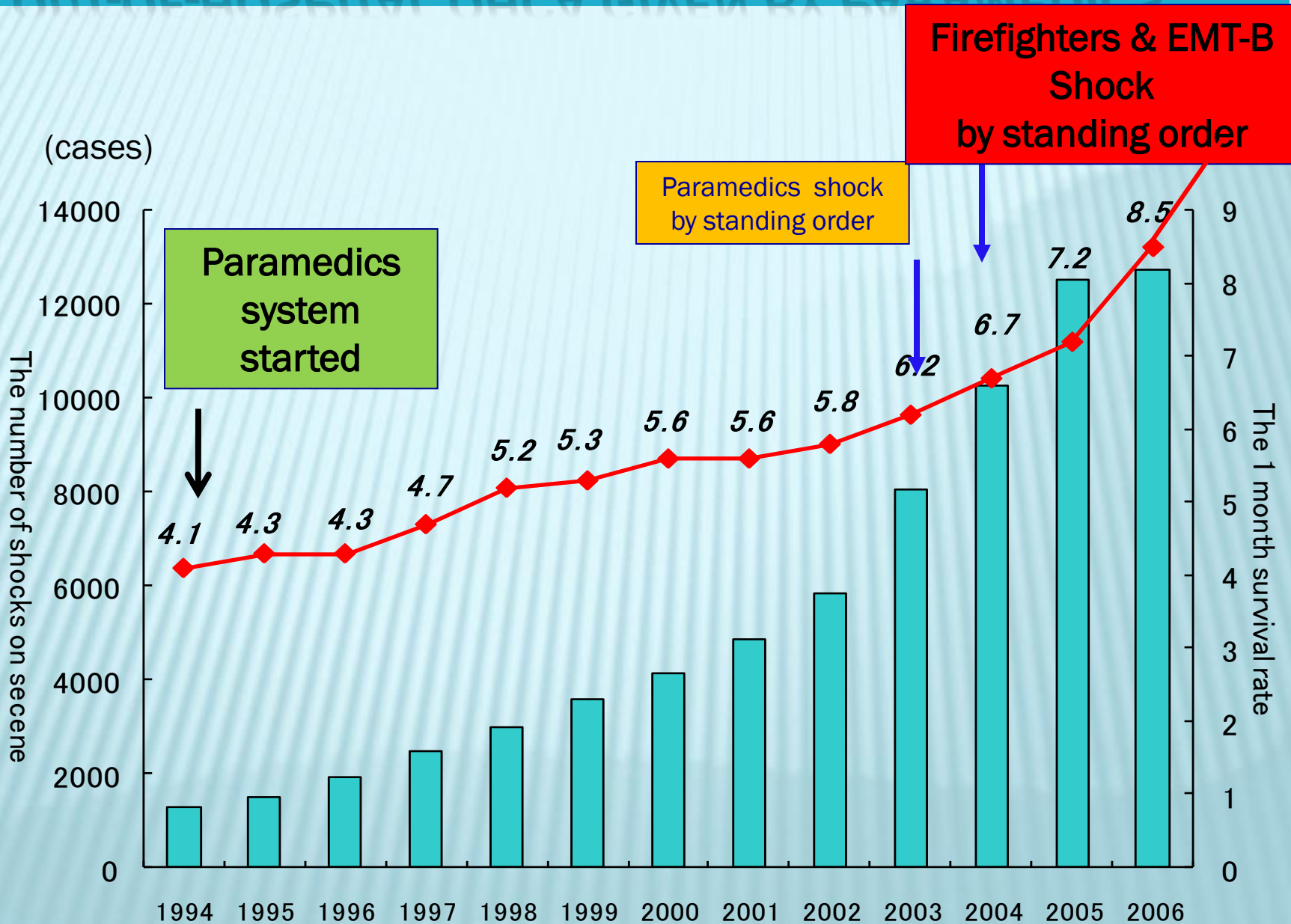


EMS education and Training

Hideharu Tanaka MD, DMSC

SHOCK AND ONE-MONTH SURVIVAL RATE AMONG OUT-OF-HOSPITAL OHCA GIVEN BY PARAMEDICS



**Research results must be feed
back to education both clinical
protocol and basic training**



Compare of Education contents and Quality

EMS Physician

Dispatcher training

EMT-B training

EMT-Paramedic training

First responder

PAROS NEW STUDY PROPOSAL

- × EMS character(population, cause of death,
- × EMS agency (size, type, FD/Gov/Health ministry)
- × EMS personal (Physician, Nurse, Paramedic , EMT-B, paramedic, firefighter)
- × EMD system(size, number of dispatcher, training)
- × EMS Training
 - Time ,contents, Quality issue ,CME, license (how long, credit),
- × First responder (BLS agency, foundation, etc)

EMS PHYSICIAN TRAINING

	Japan Tokyo	Korea Soul
EMS physician training	Yes	Yes
No of EMS physician	300	100
MD training Type of MC operation (FD based, city base)	first training (3d/first time,) CME (3d/every 3 year,)	
Definition of EMS physician	Yes	Yes
Duration of training	4day	3day
Full time EMS physician	None	Yes
Part time EMS physician	Yes	Yes
License or Certificate	Yes	Yes

EMS AGENCY

	Japan Tokyo	Korea Soul
EMS agency	1	243
No of fire fighter/EMT-B/EMT-P	18000/ 300/ 1600	
No of station	231	50
Emergency Hospital	330	50
EMS SCHOOL/ACADEMY	23/2	
Private Paramedic school/university	22/8	

EDUCATION CONTENTS OF PARAMEDIC

Paramedic education	Japan (hours)	Korea
Didactic	650	243
Skill training	70	0
Ambulance training (OJT)	0	50
Hospital training(OJT)	80	50
RESCUE training	45	
Communication	9	

BLS AGENCY

No of BLS agency	900
Type of BLS agency	Agency name (JRC, FD,NPO,AHA)
No of BLS training	(ex. JRC 200,000time, FD 20,000,000time etc)
Type of training(BLS , BLS+AED, Others)	BLS , BLS+AED, First aid
No of AED(PAD)	300000(180000)
School CPR training How old?	Yes 7-12yr
License or Certificate	National (No)

EMD AGENCY

No of EMD agency	808
EMD training (hr/year,)	Yes
Type of dispatcher	(FD operated, city base)
Duration of training	3day
No of dispatcher	2400
Quality control issue	Yes
EMD Medical control	Yes
License or Certificate	National (No)

CONCLUSION

- × **EMS education and training must be compare as a based on PAROS data**
- × **Research results must be feed back to education**
- × **Education and EMS training are key element for improve outcome**

EDUCATION GIVEN

Bystander-initiated first aid is crucial to save a great number of accident victims.

Special classes have been given in junior and senior high schools for students to learn about the value of life and the importance of a cooperation spirit. Also, extensive bystander education projects have been pushed forward.



THANK YOUR ATTENTION

