



# Emergency Medicine, EMS & OHCA: Bangladesh Perspective



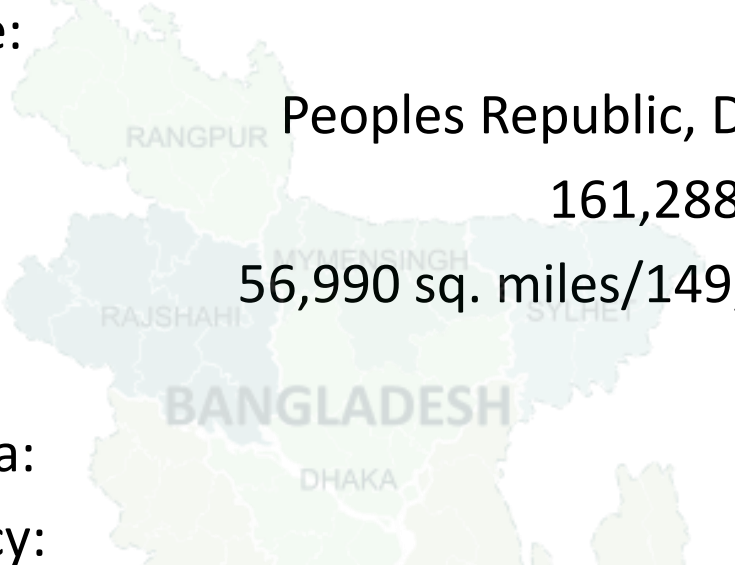
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# BANGLADESH: The Demographic



Independence:	1971/46 years
Political:	Peoples Republic, Democratic 2015
Population :	161,288,000/16.1 Crore
Area :	56,990 sq. miles/149,772,364 Sq. Km
GDP:	195.079 Billion
GDP per capita:	1,602 USD
Life expectancy:	72 years



# Health Services Structure

- MOH & FW
- DGHS / DGFW
- Medical Universities:
  - BSMMU
- Chittagong Medical Colleges & Hospitals:
  - Public 30, Armed Forces 6 & Private 60
  - (Sir Salimullah Medical College is oldest since 1886)
- Municipal Corporations
- Private Hospitals & Clinics
- NGOs





# Academic Health Institutions

University	Educational Level
Dhaka University	All medical colleges
BSM Medical University (BSMMU)	MD, MS, M. Phil & PhD
Bangladesh College of Physicians & Surgeons (BCPS)	FCPS & MCPS
National Institute of Preventive & Social Medicine (NIPSOM)	Masters in different subjects



# Development of Emergency Medicine

2002

**Beginning:** As Pre-Hospital Care

**Action:** CritiCare EMS

2010

**Society:** Bangladesh Society of Emergency Medicine

Not a recognized Specialty until 2016

2016

**Residency :** Only recently in Apollo Hospital as Diploma in Emergency Medicine

**Recognition:** Still awaiting from Public sector

# Efforts with Emergency Medicine



- ✓ **7** Scientific Conferences
- ✓ **1000** Hands on Trainings :  
Doctors & Nurses
- ✓ Dialogues with Government
- ✓ Residency in Private sector
  - ✓ DEM-RCL-Medvarsity 2016  
Apollo Hospitals Dhaka
- ✓ EM Personnel in Bangladesh
  - 1** American Board A&E
  - 1** FCEM
  - 1** MEM from India



# Development of EMS

## Development of Awareness:

- ✓ Presentations in Scientific Conferences :  
Domestic & international
- ✓ Articles in news papers
- ✓ Interviews in Television
- ✓ One day hands on training:  
Doctors & Nurses
- ✓ Discussions with Health authorities:  
BSMMU, DMC, DGH & MOHFW





# Problems Encountered in EMS Development



## Conditions:

Hazardous traffic

Uncontrolled Law Enforcement

Unfavorable Environment

Absence of Funding/NGOs



## Lack of:

Awareness

Initiatives amongst hospitals

Sustainable organization

EMS personnel: Paramedics



# *Do we need EMS for such community disaster?*

*Rana Plaza Tragedy, 24th April 2013*

- 8 storied building Collapsed at Savar Dhaka.
- >1130 died! 2500 rescued.
- 20 days required for last rescue





# No Lanes Nor Respect for Ambulances





# OHCA

No Registries

No Statistics



# Future Plan

- Establishing EM program
- Development of NGO
- Organizing and Obtaining Funds
- Sustainable EMS program launch
- OHCA Registry to initiate



# The Message

*It is very difficult to establish sustainable EMS in a developing country with lots of identifiable negative impact but not impossible. Expansion of EMS would reduce OHCA slowly.*



Thank you for listening. Any questions?



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