



امان ہیلتھ  
AMANHEALTH

An Initiative of AMANFOUNDATION

# Equal Access to Health Care for All in Pakistan

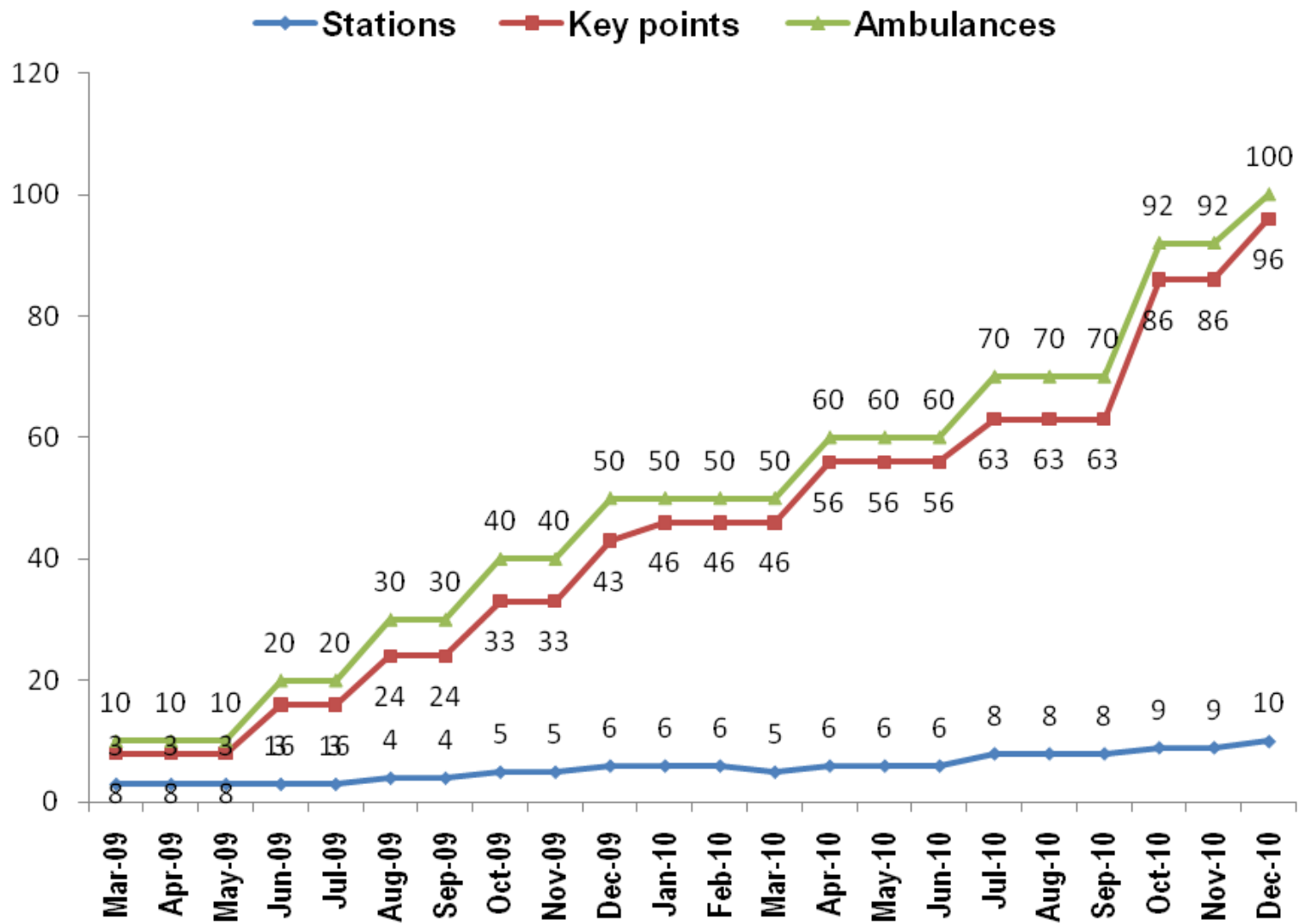
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# PAKISTAN







# AMANAMBULANCE

## Our impact

**9** Stations

**90** Key points

**100** fully equipped ambulances

**100%** coverage of the city of Karachi  
(18 Million population)

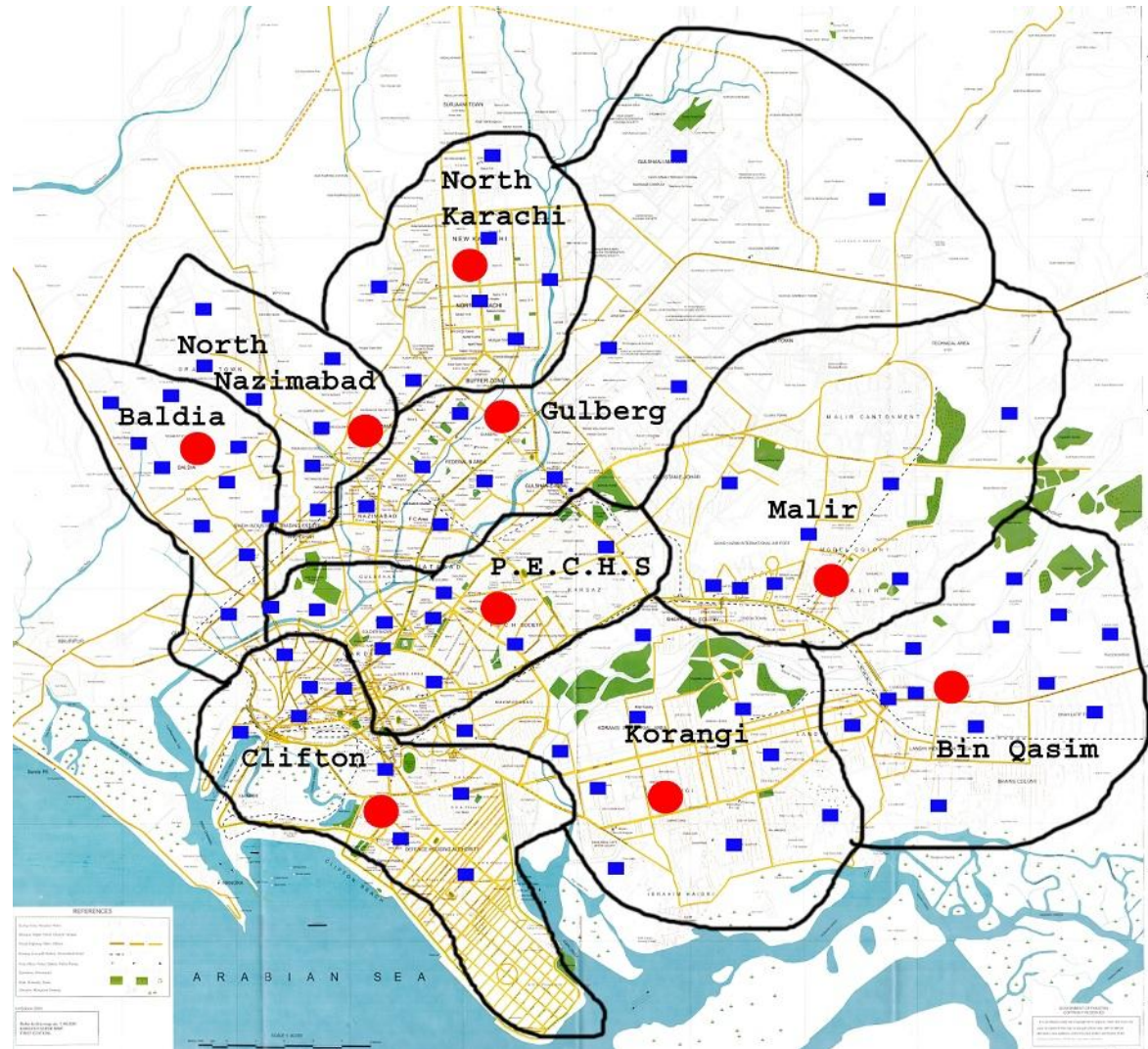
**100+** Doctors & **750 +** paramedics

Average response time of **6.5** minutes

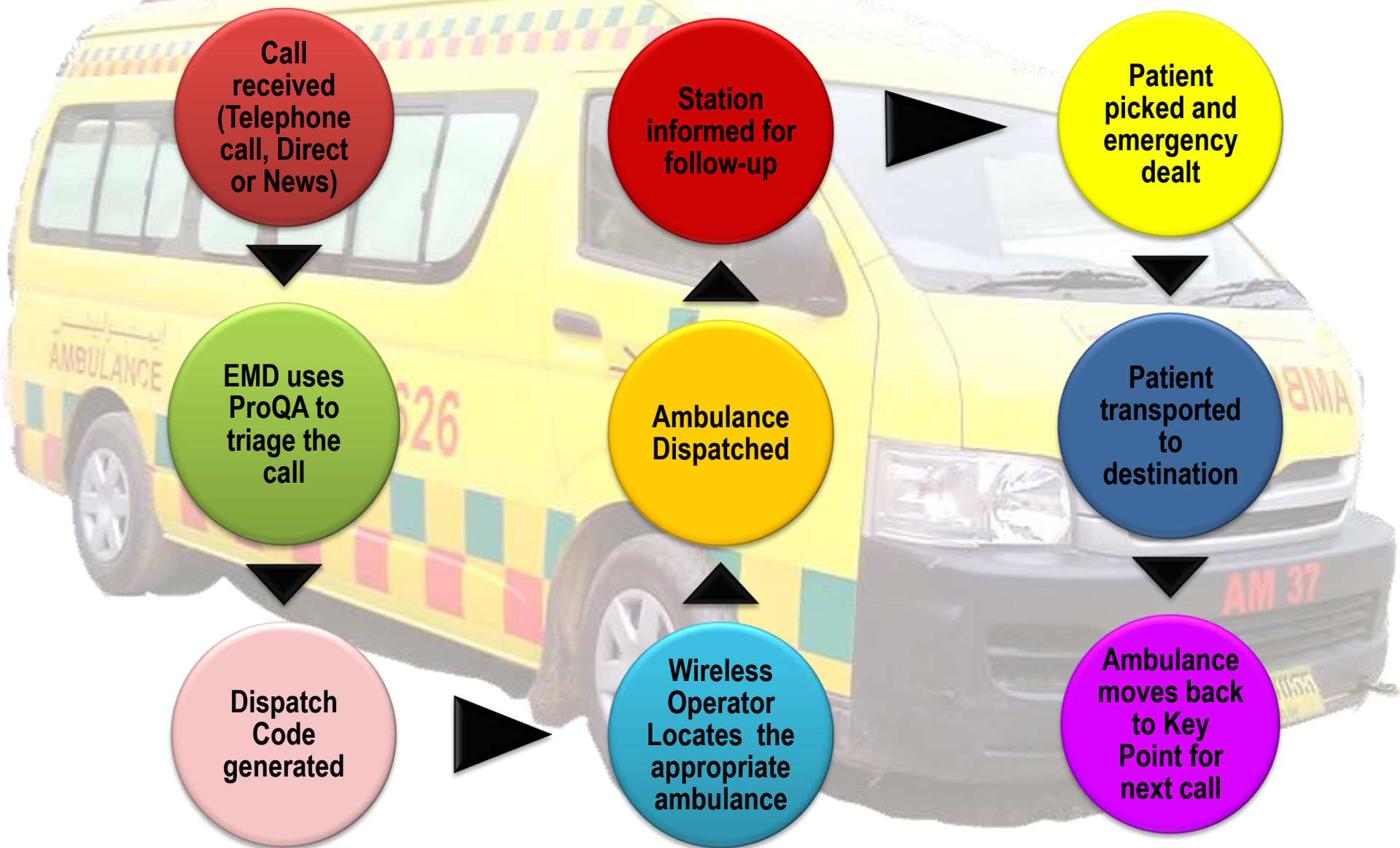
Over **300,000** (including Floods)  
patients transferred to date

# EMS - Current Coverage

Currently we are covering the entire city of Karachi through 09 Stations and 90 Key Points spread strategically throughout the city to ensure our availability everywhere within our standard response time



# Modus Operandi



## Advanced Life Support Ambulances (33%)

Crew:	Doctor EMN Driver
Equipment:	Cardiac Monitor (being installed) AED Pulse Oximeter Oxygen Supply BP Apparatus, Collapsible Stretcher etc







## Basic Life Support Ambulance (67%)

Crew:	EMN Driver
Equipment:	AED Pulse Oximeter Oxygen Supply BP Apparatus, Collapsible Stretcher etc

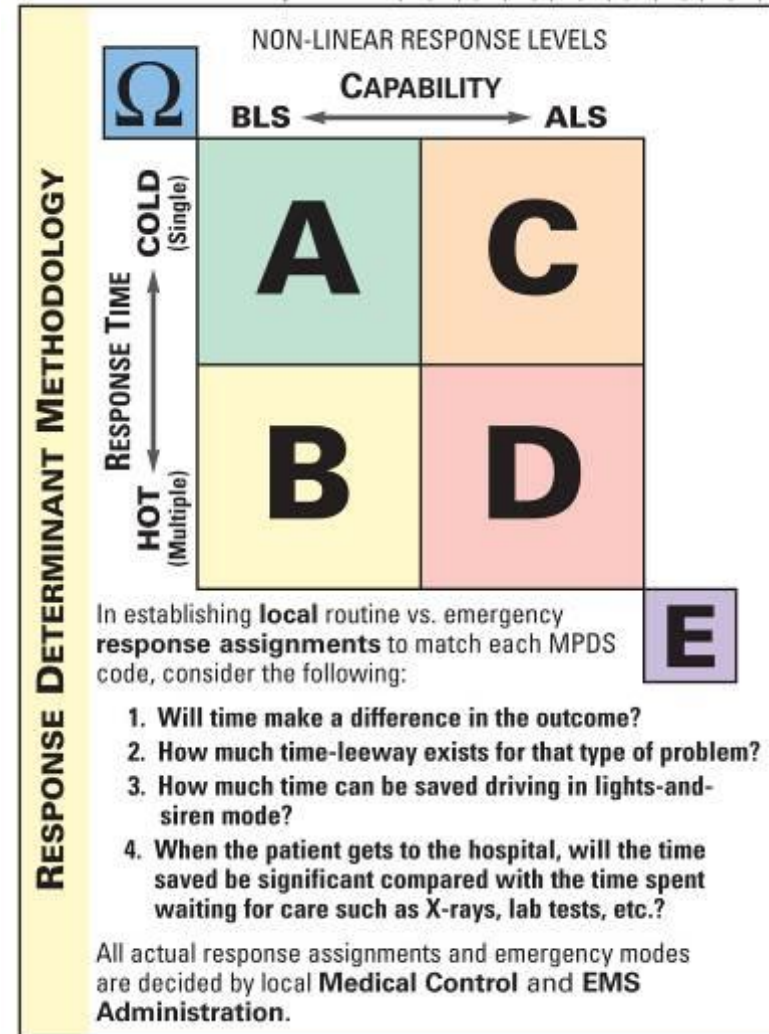


# MPDS & ProQA

- E ECHO level
- D DELTA level
- C CHARLIE level
- B BRAVO level
- A ALPHA level
- Ω OMEGA

ENTRY QUESTIONS		
1. What's the <b>address</b> of the emergency?	House/Apartment/Business/Intersection/Landmark/Jurisdiction/GPS	✓
2. What's the <b>phone number</b> you're calling from?		✓
3. Okay, tell me <b>exactly</b> what happened.	Hanging (now) _____  9-E-3 Underwater _____  9-E-6	
a. <b>(Not obvious)</b> Are you <b>with</b> the patient <b>now</b> ?		
b. <b>(Not obvious)</b> How <b>many</b> (other) people are <b>hurt</b> (sick)?	Traffic/Transportation incident _____ 29 Multiple victims _____ CC	
c. <b>(Choking)</b> Is s/he <b>breathing</b> or <b>coughing</b> at all? (You go check and tell me what you find.)	No _____  11-E-1	
i. <b>Do not slap</b> her/him on the back.		
4. How <b>old</b> is s/he?		
a. <b>(Unsure)</b> Tell me <b>approximately</b> , then.		
5. Is s/he <b>awake</b> (conscious)?	Yes No Unknown	
6. Is s/he <b>breathing</b> ? 		
a. <b>(Hasn't checked - 2<sup>nd</sup> party caller)</b> You go check and tell me what you find.	Yes No/NOT BREATHING _____  ?-E-? Uncertain/INEFFECTIVE/AGONAL BREATHING (1 <sup>st</sup> or 2 <sup>nd</sup> party caller)  ?-E-? Unknown (3 <sup>rd</sup> or 4 <sup>th</sup> party caller)	✓

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FOLDING STRETCHER IN SIDE



EMERGENCY INJECTION

PRESS FOR WATER

# AMAN AMBULANCE KEY ACTIVITIES

## KPI's

EMS Report till Date (April, 2012)	
Ambulances (BLS/ALS)	100 (70/30)
Total Calls	200216
% Home to Hospital	30%
% Hospital to Hospital	48%
% Already Shifted	4%
% Dead on Arrival	1%
% First Aid	2%
% RTA	4%
% Hospital to Home	10%
% A&B	73%
Human Resources	
• Medical Officers	107
• EMTs	355
• Drivers	270
Response Time	7.3 mins
Advanced Paramedics in training	25

## CPR In Ambulances

- Data period 1 January to 12 April, 2012
- A total of 102 CPR procedures were performed
- 25 Cases were successful in reviving the patients and transporting to the health facility
- These 25 cases include 10 cases where AED was applied and shock was delivered
- CPR was not successful in 77 of the rest of the cases

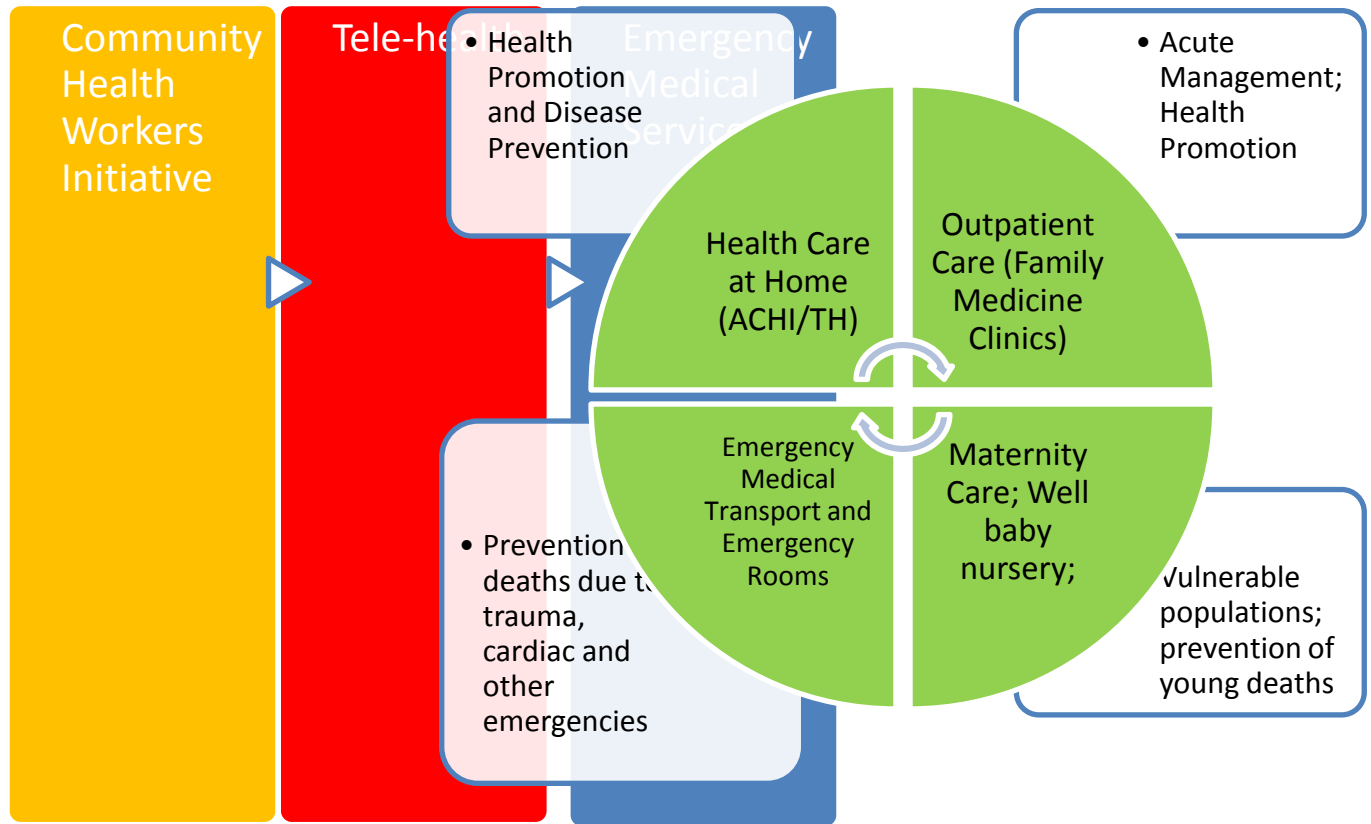
## AED Usage in Ambulances

- Data period 1 January to 12 April, 2012
- AED was applied in 36 cases
- In 10 cases shock was delivered and patient revived after successful CPR
- In 12 cases shock was delivered and CPR performed but patient could not be revived
- In 14 cases the shock was not delivered

## CPR Instructions by EMD

- Data period 1 January 2011 to 12 April 2012
- CPR Instructions passed over telephone in 142 cases
- Only one recorded survival in all these cases

# Current State to End State



**AMAN HEALTH CARE SYSTEM**

**THANK YOU**