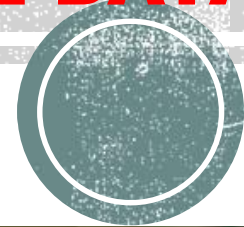


International Multi-Center Controlled Interventional  
Trial to Increase Out-of- Hospital Cardiac Arrest Survival by  
Implementation of a Dispatcher-Assisted Cardio-Pulmonary  
Resuscitation Package (Pan-Asian Resuscitation Outcomes  
Study Phase 2)

**July 2017- September 2017 SPMC PARTIAL DATA**





## DISPATCHER- ASSISTED CPR TRAINING

*LAST July 28, 2017 conducted training course for EMTs of Central Davao 911 and Bureau of Fire Protection*

*There were 70 participants.*



# OHCA-DISPATCHER'S COURSE



LISTENING TO A CALL



GIVING CPR INSTRUCTIONS



# **PLANS (based on feedback from participants)**

- > To conduct another simulated training for call takers
- > To conduct an audit of a call which involved an arrested patient
- > To conduct regular monthly audit with 911
- > To develop a CPR video for the community
- > To partner with communities to increase awareness on OHCA ; to make them more receptive to receive CPR instructions from call taker



# LOCATION OF INCIDENT

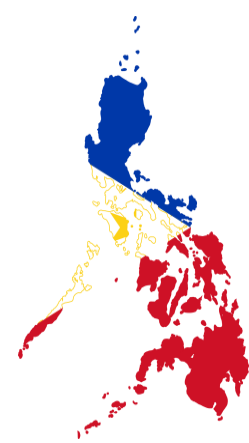
All OHCA (N=27, 100%) occurred within Davao City

## PATIENT INFORMATION

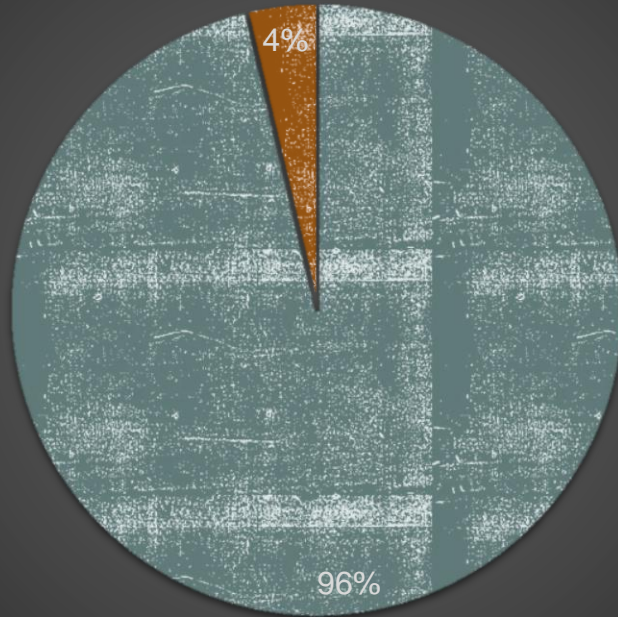
## DESCRIPTIVE STATISTICS

Age (Mean)

51.22

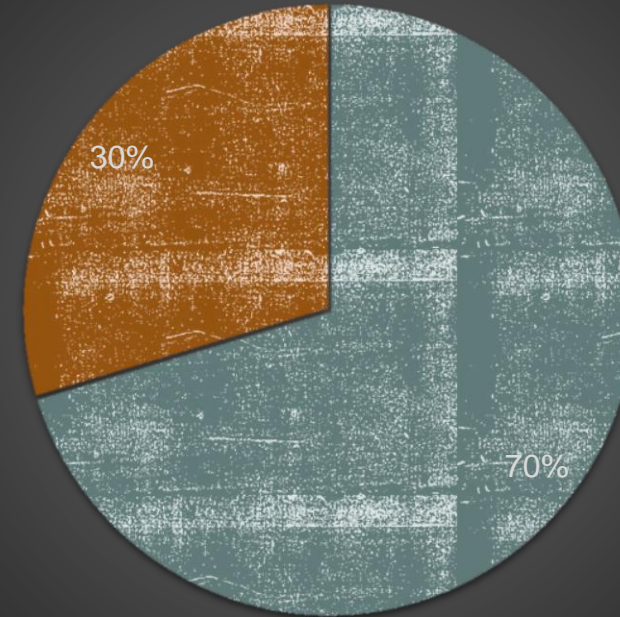


# MODE OF TRANSPORTATION



EMS PRIVATE AMBULANCE

# Distribution of Sex



MALE FEMALE

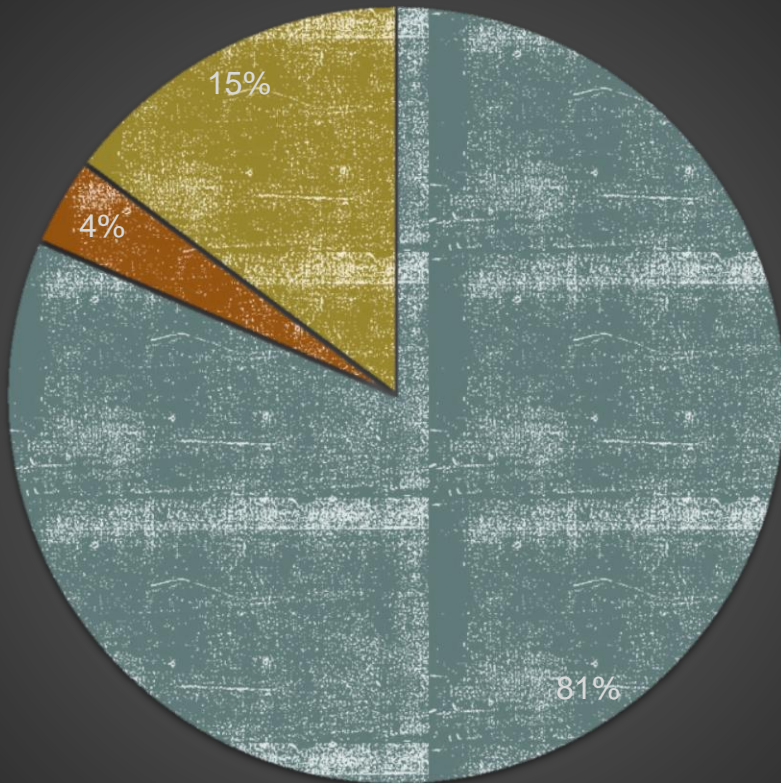
# DAVAO city



# PHILIPPINES CENTRAL 911

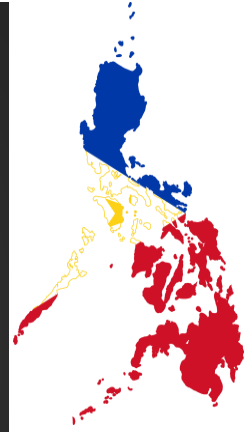
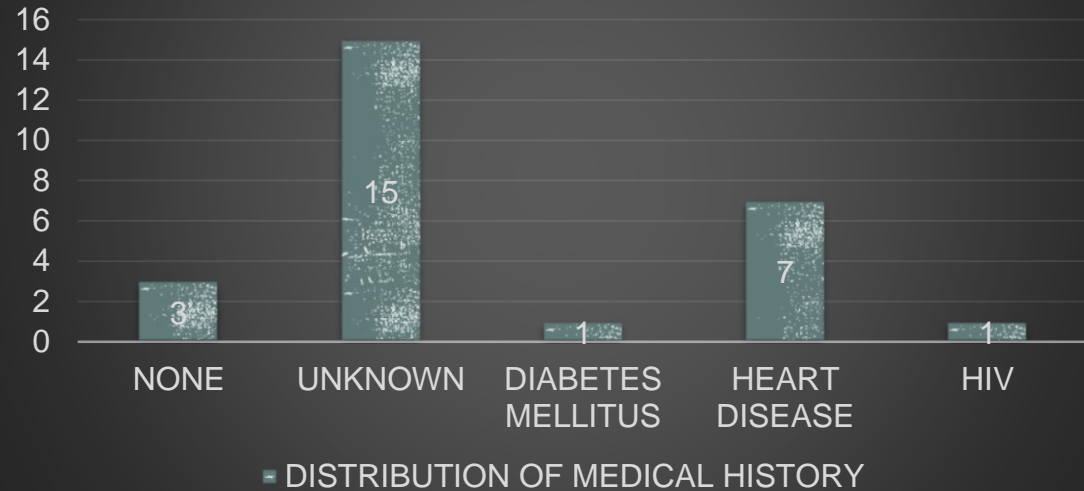


## LOCATION TYPE



■ HOME RESIDENCE    ■ HEALTHCARE FACILITY  
■ STREET/HIGHWAY

## DISTRIBUTION OF MEDICAL HISTORY



### Call-to-arrival at scene, min

**Mean**

**0:14:33**

**Median**

**0:14:00**

### Call-to-arrival at hospital, min

**Mean**

**0:24:18**

**Median**

**0:24:00**

# DAVAO

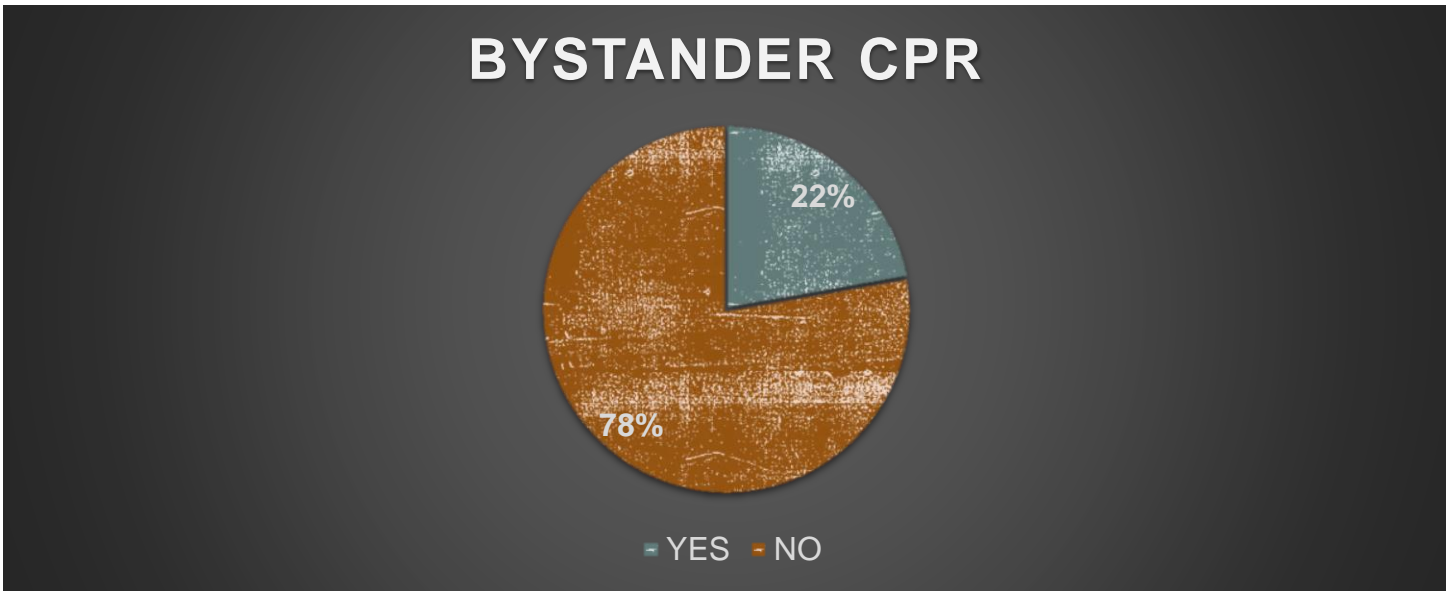
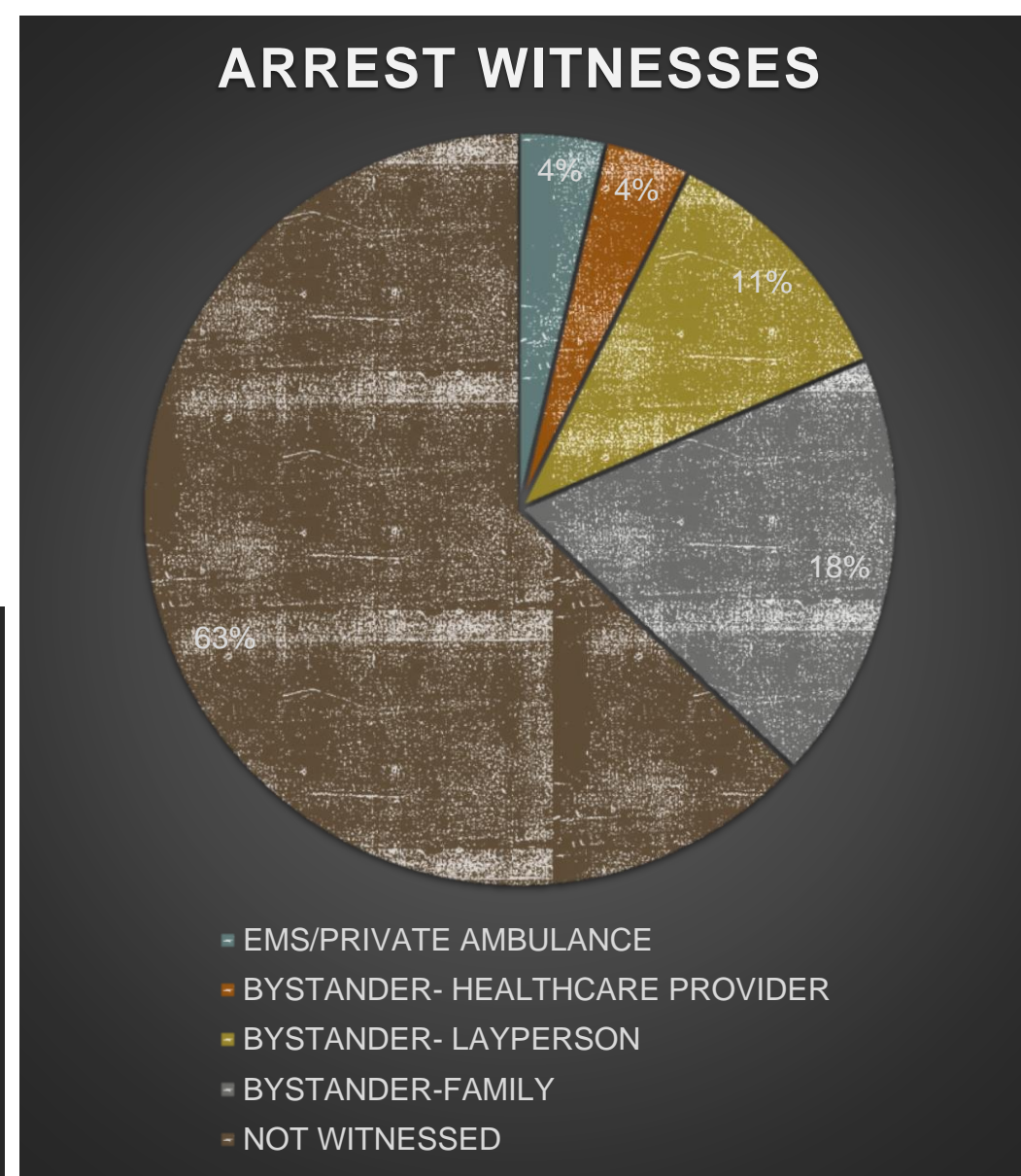
city



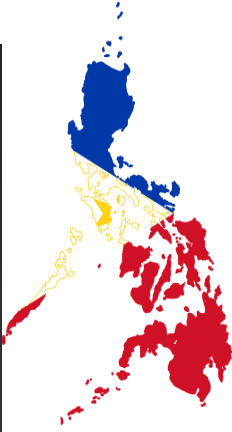
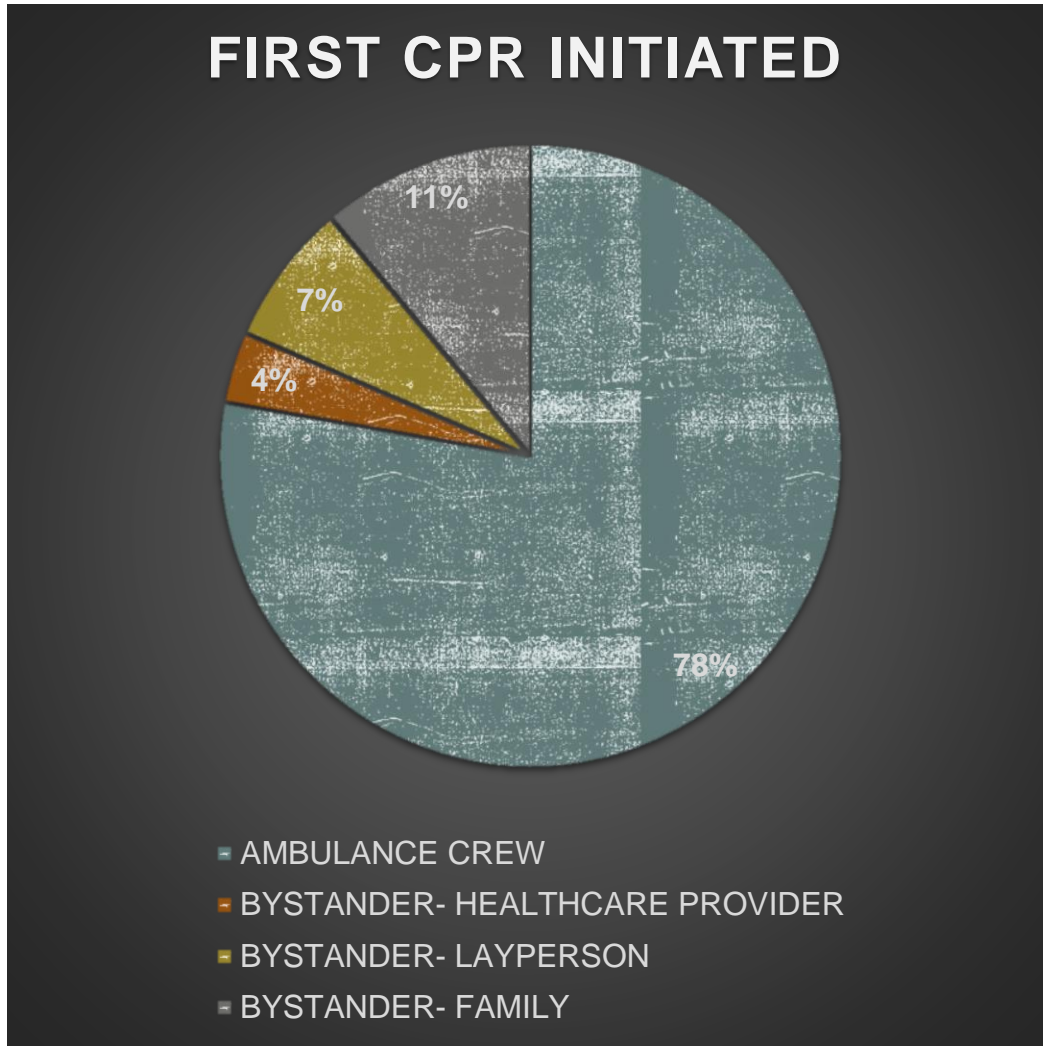
PHILIPPINES  
**CENTRAL 911**



PRE-HOSPITAL EVENT AND RESUSCITATION INFORMATION	Frequency	%
<b>Estimated time of arrest</b>		
<b>Unknown</b>	<b>22</b>	<b>81.48 %</b>
<b>Known</b>	<b>5</b>	<b>18.52 %</b>
<b>Arrest Witnesses</b>		
<b>EMS/Private ambulance</b>	<b>1</b>	<b>3.70 %</b>
<b>Bystander-healthcare provider</b>	<b>1</b>	<b>3.70 %</b>
<b>Bystander-lay person</b>	<b>3</b>	<b>11.11 %</b>
<b>Bystander-family</b>	<b>5</b>	<b>18.52 %</b>
<b>Not witnessed</b>	<b>17</b>	<b>62.96 %</b>



First CPR initiated by	Frequency	%
Ambulance crew	21	77.78 %
Bystander-healthcare provider	1	3.70 %
Bystander-lay person	2	7.41 %
Bystander-family	3	11.11 %



➤ **NO** Bystander AED applied  
 ➤ **BUT ALL** EMS-Assessed (n=26, 96.30%) were transported with AED applied

# DAVAO

city





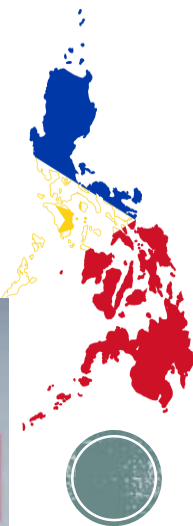
EMS CASES	Descriptive Statistics	
<b>Resuscitation attempted</b>	FREQUENCY	%
Yes	26	100.0 %
No	0	0.0 %
<b>First Arrest Rhythm</b>		
Asystole	4	15.38 %
Unknown Shockable Rhythm	3	11.54 %
Unknown Unshockable Rhythm	19	73.08 %
<b>Pre-Hospital Defibrillation</b>		
Yes	3	11.54 %
No	23	88.46 %
<b>Defibrillation performed by</b>		
Ambulance crew	3	100.0 %

Use of Advance airways	FREQUENCY	%
Yes	1	4 %
No	25	96 %
<b>Pre-hospital Drug Administration</b>		
Dextrose	13	50 %
<b>CPR discontinued at scene/ en-route</b>		
No	26	100.0 %
ROSC	11	40.74 %

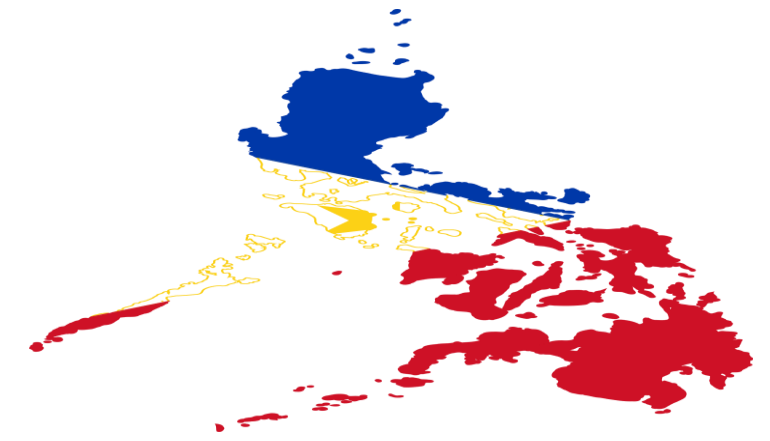
**DAVAO**  
city



PHILIPPINES  
**CENTRAL 911**



DISPOSITION	FREQUENCY	%
<b>Final Status At Scene</b>		
Conveyed To ED	27	100 %
Pronounce Dead At Scene	0	0 %
<b>Cause Of Arrest</b>		
Trauma	1	3.73 %
Non-trauma	26	96.30 %
Presumed Cardiac Etiology	17	65.38 %
Respiratory	5	19.23 %
Electrocution	0	0 %
Drowning	4	15.38 %



Level Of Destination Hospital		
Tertiary	27	100 %
Community	0	0 %
<b>Patient Status At ED Arrival</b>		
ROSC	0	0 %
On-going Resuscitation	27	100 %
Transported without Resuscitation	0	0 %

**DAVAO**  
city



<b>PREVIOUS DATA (2016)</b>	<b>N</b>	<b>Bystander CPR</b>	<b>Dispatcher- Recognized OHCA</b>	<b>SUSTAINED ROSC</b>
EMS	10	n= 4 (40 %)	NO DATA	n= 10 (100 %)
NON-EMS	55	n= 2 (3.63 %)	NA	n= 1 (1.82 %)
<b>TOTAL CASES</b>	65	n= 6 (9.23 %)	NO DATA	n= 11 (16.92 %)

**ROSC RATE: 16.92 %**

<b>CURRENT DATA (2017)</b>	<b>N</b>	<b>Bystander CPR</b>	<b>Dispatcher- Recognized OHCA</b>	<b>SUSTAINED ROSC</b>
EMS	26	n= 5 (19.23 %)	n= 6 (23.07 %)	n= 10 (37.03 %)
NON-EMS ( <i>Private Ambulance</i> )	1	n= 1 (100 %)	NA	n= 1 (100 %)
<b>TOTAL CASES</b>	27	n= 6 (22.22 %)	n= 6 (22.22 %)	n= 11 (40.74 %)

**ROSC RATE: 40.74 %**

