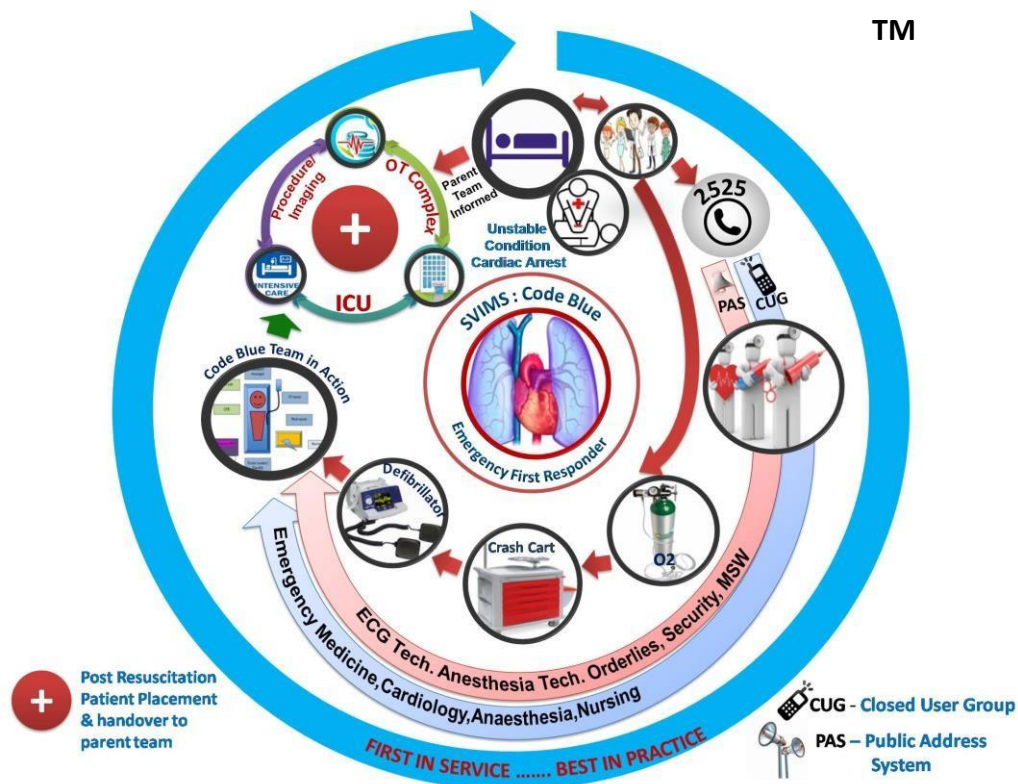


SVIMS CODE BLUE

It is well recognized that preventable deaths occur in hospitals due to 'failure to rescue' a patient with deteriorating condition. When cardiopulmonary arrest or acute deterioration of condition occurs, appropriate resources need to be summoned to resuscitate & rescue the patient. This concept is codified in 'CODE BLUE'. Code blue teams are in existence for many years in health systems of developed countries, but need emphasis in India. Accordingly, under the leadership of SVIMS Director a working group was formed and **CODE BLUE** is launched in June to establish the process. It is formally unveiled on **12-7-2016** by the **Hon'ble Health Minister**.



TM Application for registration of trademark for the logo is submitted and accordingly, unauthorized reproduction of the logo is prohibited.

Code Blue is a comprehensive process design for emergency responder team and response process to rescue patients and other personnel in the hospital premises. When the person sustains cardio pulmonary arrest or experiences sudden deterioration on physiologic condition Code Blue activates the afferent limb of recruiting the necessary personnel and equipments and medicines as well as the efferent limb of the response and post – response management.

Code Blue has been evolved for integration of all the stakeholders i.e., Emergency physician, Cardiologist, Anaesthetist, Emergency Nurse, ICU physician, Orderly for transportation, Pharmacist, as well as Nurse Manager, Security Officer, Medico Social Worker and Telephone Operator while attending to an emergency situation. Necessary resuscitation medicines, gadgets, including defibrillator will be made available with alacrity. Resuscitation training is imparted to all first responders.

Code Blue may be initiated from any in patient or out patient service areas of the SVIMS hospital by dialing 2525 in the intercom. The 2525 call is only for code blue to mobilize emergency responder team and not for other calls.

The process and outcomes will be monitored regularly for iterative improvement.

Sri Venkateswara Institute of Medical Sciences (SVIMS), Tirupati
CODE BLUE DATA
MONTH OF INITIATION OF CODE BLUE: June, 2016

PERIOD (BY YEAR)	NUMBER OF CALLS			OUTCOMES	
	Total	Initial	*Repeat	Survived	Died
June-Dec, 2016	259	235	24	45	190
Jan- Dec,2017	484	429	55	60	369
Jan - Dec, 2018	691	627	64	112	515
Jan - Dec, 2019	711	661	50	107	554
Total	2145	1952	193	324	1628

* Denotes second CODE BLUE call on a patient who survived initial resuscitation, but sustained another arrest.

Sri Venkateswara Institute of Medical Sciences (SVIMS), Tirupati

CODE BLUE DATA

June 2016 – December 2016

PERIOD (June 2016 to Dec 2016)	NUMBER OF CALLS			OUTCOMES	
	Total	Initial	Repeat	Survived	Died
June	33	29	4	6	23
July	58	55	3	12	43
August	35	33	2	8	25
September	33	25	8	3	22
October	33	30	3	6	24
November	28	27	1	3	24
December	39	36	3	7	29
Total	259	235	24	45	190

Sri Venkateswara Institute of Medical Sciences (SVIMS), Tirupati

CODE BLUE DATA

January 2017 – December 2017

PERIOD (Jan 2017-Dec 2017)	NUMBER OF CALLS			OUTCOMES	
	Total	Initial	Repeat	Survived	Died
January	41	38	3	5	33
February	39	36	3	6	30
March	36	35	1	5	30
April	46	36	10	2	34
May	43	38	5	5	33
June	34	31	3	5	26
July	41	40	1	6	34
August	49	44	5	4	40
September	45	39	6	2	37
October	67	58	9	12	46
November	70	63	7	13	50
December	53	45	8	6	39
TOTAL	484	429	55	60	369

Sri Venkateswara Institute of Medical Sciences (SVIMS), Tirupati

CODE BLUE DATA

January 2018 – December 2018

PERIOD (Jan 2018-Dec 2018)	NUMBER OF CALLS			OUTCOMES	
	Total	Initial	Repeat	Survived	Died
January	45	36	9	6	30
February	49	34	15	0	34
March	65	56	9	11	45
April	46	46	0	18	28
May	61	58	3	8	50
June	56	56	0	16	40
July	52	47	5	6	41
August	64	57	7	7	50
September	56	53	3	14	39
October	73	67	6	8	59
November	54	51	3	8	43
December	70	66	4	10	56
TOTAL	691	627	64	112	515

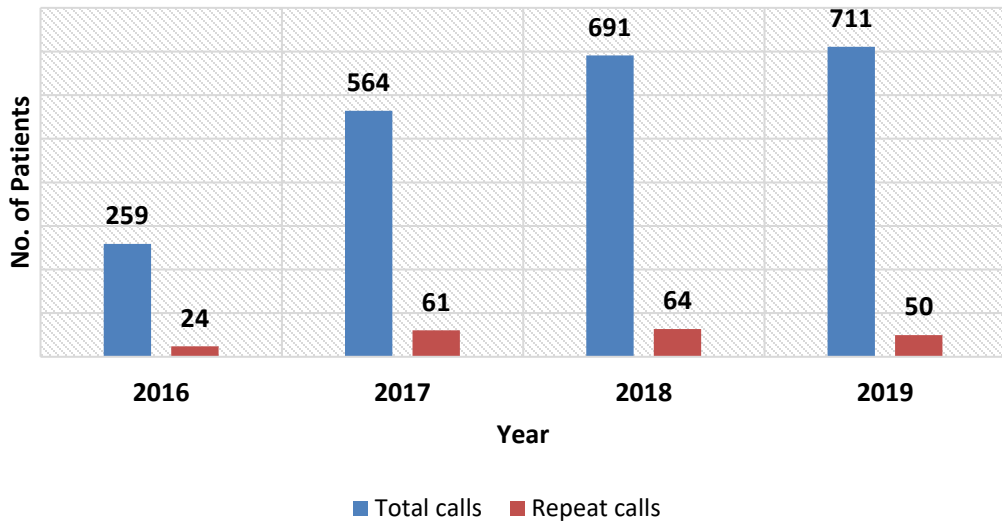
Sri Venkateswara Institute of Medical Sciences (SVIMS), Tirupati
CODE BLUE DATA
January 2019 – July 2019

PERIOD (Jan 2019-Feb 2019)	NUMBER OF CALLS			OUTCOMES	
	Total	Repeat	Initial	Survived	Died
January	60	03	57	09	48
February	48	01	47	11	36
March	52	02	50	06	44
April	53	04	49	11	38
May	59	04	55	10	45
June	50	03	47	06	37
July	52	09	43	02	41
August	56	05	51	07	44
September	74	10	64	12	52
October	73	--	73	11	62
November	60	01	59	10	49
December	74	08	66	12	54
TOTAL	711	50	661	107	554

Improving the effectiveness and long term survival analysis after Code Blue

SVIMS is currently performing 'Analysis of Code Blue outcomes in Long term Survivors'. SVIMS is also conducting audit of the effectiveness of resuscitation as well as instituting 'Debriefing' after each Code Blue call. Further, all Code Blue responders are being trained in BLS/ACLS protocol of American Heart Association, through SVIMS International Training Center, designated by AHA.

Total Calls vs Repeat Calls



Survival trends

