

12/29/2021

Chennai

From

The Course Coordinator  
Introduction to BLS/ACLS  
Department of Radiology  
Sree Balaji Medical College  
Bharath Institute of Higher Education and Research,  
Chennai

To

The Dean  
Sree Balaji Medical College  
Bharath institute of Higher Education Research,  
Chennai

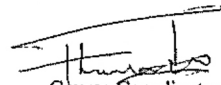
**Sub: -Permission to conduct value- added course: Introduction to BLS/ACLS**

Respected sir,

With reference to subject mentioned above, the Radiology proposes to conduct a value-added course titled: Introduction to BLS/ACLS

We kindly solicit your kind permission to commence the program.

Warm Regards,

  
Course Coordinator

**SREE BALAJI MEDICAL COLLEGE & HOSPITAL**

**CHROMPET CHENNAI -600044**

**Date: 1/1/2022**

**R. No 358/ SBMCH/2021/22**

**CIRCULAR**

**Notification for Value added courses offered by the Department of Radiology**

The Department of Radiology of Sree Balaji Medical College is scheduled to offer a Value added Course on Introduction to BLS/ACLS from 1/28/2022 for a period of 3 weeks. Interested students can approach the Head of Radiology department and Course Coordinator, for registration and for further details on or before 1/21/2022.

**Eligibility-MBBS STUDENTS**

Course Coordinator



HOD

Copy to:

Dean office

Vice Principal

Medical Superintendent

AO College

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## INTRODUCTION TO BLS/ACLS

**Course outline:** The BLS/ALS course builds on the foundation of lifesaving BLS skills, emphasizing the importance of preventing cardiac arrest, early and continuous high-quality CPR, and high-performing teams. For healthcare professionals who either direct or participate in the management of cardiopulmonary arrest or other cardiovascular emergencies and for personnel in emergency response

### **Course Objectives:**

- Define systems of care
  - Apply the BLS, Primary, and Secondary Assessments sequence for a systematic evaluation of adult patients
  - Discuss how the use of a rapid response team (RRT) or medical emergency team (MET) may improve patient outcomes
  - Discuss early recognition and management of Acute Coronary Syndrome (ACS), including appropriate disposition
  - Discuss early recognition and management of stroke, including appropriate disposition
  - Recognize bradycardias and tachycardias that may result in cardiac arrest or complicate resuscitation outcome
  - Recognize respiratory arrest
  - Perform early management of respiratory arrest
  - Recognize cardiac arrest
  - Perform prompt, high-quality BLS including prioritizing early chest compressions and integrating early automated external defibrillator (AED) use
  - Perform early management of cardiac arrest until termination of resuscitation or transfer of care, including immediate post-cardiac arrest care
  - Evaluate resuscitative efforts during a cardiac arrest through continuous assessment of CPR quality, monitoring the patient's physiologic response, and delivering real-time feedback to the team
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**Course Duration:** 30 hours

**Course Coordinator:** Assistant Professor / Associate Professor of Emergency Medicine

**Modules**

**ALS Introduction**

- Introduction To ALS

**The Initial Assessment**

- The Initial Assessment

**ALS Basic Life Support**

- ALS BLS for Adults
- Initiating the Chain of Survival
- 2020 BLS Guideline Changes
- One Rescuer Adult BLS CPR
- Two Rescuer Adult BLS CPR
- Adult Mouth-to-Mask and Bag-Mask Ventilation
- Adult Basic Life Support (BLS) Algorithm
- BLS for Children/Infants
- One-Rescuer BLS/CPR for Infant (newborn to age 12 months)
- CPR Steps for Children
- CPR Steps for Infants
- Child/Infant Mouth-to-Mouth Ventilation

**Advance Life Support**

- Normal Heart Anatomy and Physiology
- The ACLS Survey (A-B-C-D)
- Airway Management

- Basic Airway Adjuncts
- Basic Airway Technique
- Advanced Airway Adjuncts
- Routes Of Access
- Pharmacological Tools

#### Principles of Early Defibrillation

- Principles Of Early Defibrillation
- Key To Using An Automated External Defibrillator (AED)

#### Systems of Care

- Systems Of Care
- Cardiopulmonary Resuscitation
- Post-Cardiac Arrest Care
- Acute Coronary Syndrome
- Acute Stroke
- The Resuscitation Team
- Education, Implementation, Teams

#### ALS Skills Training

- Airway Management
  - ACLS Skills Videos
  - ACLS Skills Training Test
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Syllabus

Topic	Faculty	Hours allotted
INTRODUCTION	Assistant Professor of Medicine	2 hours
BASIC ANATOMY & PHYSIOLOGY OF AIRWAY	Associate Professor of Medicine	2 hours
SYSTEMS OF CARE	Assistant Professor of Medicine	2 hours
BASIC AIRWAY ADJUNCTS	Associate Professor of Medicine	2 hours
CPR	Assistant Professor of Medicine	2 hours
CARDIAC & RESPIRATORY ARREST	Associate Professor of Medicine	2 hours
AIRWAY MANAGEMENT	Assistant Professor of Medicine	2 hours
HANDS ON TRAINING	Associate Professor of Medicine	2 hours
HANDS ON TRAINING	Assistant Professor of Medicine	2 hours
ADULT BASIC LIFE SUPPORT (BLS) ALGORITHM	Associate Professor of Medicine	2 hours
CPR STEPS FOR CHILDREN AND INFANTS	Assistant Professor of Medicine	2 hours
HANDS ON TRAINING	Associate Professor of Medicine	2 hours
HANDS ON TRAINING	Assistant Professor of Medicine	2 hours
ASSESSMENT	Associate Professor of Medicine	2 hours



**Bharath Institute of Higher Education and Research  
Sree Balaji Medical College & Hospital**



**CERTIFICATE**

This is to certify that Mr./Ms. has completed the value added course on Introduction to BLS/ACLS conducted by Radiology at Sree Balaji Medical College & Hospital, Chennai held during 1/28/2022.

**Dr.P.Sai Kumar MD**

Vice Principal, SBMCH

**Dr.Gunasekeran MS**

Dean, SBMCH

## Introduction to BLS/ACLS

S. No	Regn. No.	Name
1	U15MB042	DEVI C
2	U15MB043	DHARANPATHY D
3	U15MB044	DINEASH V R
4	U15MB045	DIVYA KURUP P S
5	U15MB046	DOMINIC BABU
6	U15MB047	ELANGOVAN I
7	U15MB048	ELBICH SONISA L
8	U15MB049	ELIZA NONGMAITHEM
9	U15MB050	FASALURAHMAN K M
10	U15MB051	GADILI LAVANYA
11	U15MB052	GANAPATHY S
12	U15MB053	GANESH K
13	U15MB054	GANUGAPANTA PREM SAI REDDY
14	U15MB055	GAUTAM B
15	U15MB056	GAUTHAM M
16	U15MB057	GAUTHAM N
17	U15MB058	GAYATHRI K
18	U15MB059	GOKUL G
19	U15MB060	GOKUL S
20	U15MB061	GOPIKA GIRI
21	U15MB062	GOPINATH S
22	U15MB063	GOTTAM BHARGAVA SAI SRINIVAS
23	U15MB064	GOWSHIK RAJA K S
24	U15MB065	GOWTHAMAN K
25	U15MB066	GRACELYN SHARON P
26	U15MB067	GREESHMI C
27	U15MB068	HARIHARAN M
28	U15MB069	HARINI G
29	U15MB070	HARRIBALAJI M
30	U15MB071	HARSHATH KUMAR K N
31	U15MB072	HARSHITHA REDDY D
32	U15MB073	HOMA SAMANVITHA S
33	U15MB074	IMMANUEL ABRAHAM S
34	U15MB075	JANANI S
35	U15MB076	JASMINE NISHA N



COURSE FEEDBACK FORM

Date: 28/02/2022

Course Title: Introduction of BLS/ACLS

Name: Apita Gini

RegNo: U15M061

Department: Radiology

S.NO	Particulars	1	2	3	4	5
(1. Very Unsatisfied 2. Unsatisfied 3. Neutral 4. Satisfied 5. Very satisfied)						
1.	Objectives of the course clear to you		/			
2.	The course contents met with your expectations		/			
3.	The lecture sequence was well planned		/			
4.	The lecturers were clear and easy to understand		/			
5.	The teaching aids were effective		/			
6.	The instructors encourage interaction and were helpful		/			
7.	The level of the course		/			
(1. Very poor 2. Poor 3. Average 4. Good 5. Excellent)						
8.	Overall rating of the course:	1	2	3	4	5

Please give suggestion for the improvement of the course:

Weakness of the course:

Strength of the course:

  
Signature

\*\*\*Thank you\*\*\*

COURSE FEEDBACK FORM

Date: 22/02/2022

Course Title: Introduction to BLS/ACLS

Name: GAUTHAM.N

RegNo: U15MB057

Department: Radiology

S.NO	Particulars	1	2	3	4	5
(1. Very Unsatisfied 2. Unsatisfied 3. Neutral 4. Satisfied 5. Very satisfied)						
1.	Objectives of the course clear to you				/	
2.	The course contents met with your expectations				/	
3.	The lecture sequence was well planned				/	
4.	The lecturers were clear and easy to understand				/	
5.	The teaching aids were effective				/	
6.	The instructors encourage interaction and were helpful				/	
7.	The level of the course				/	
(1. Very poor 2. Poor 3. Average 4. Good 5. Excellent)						
8.	Overall rating of the course:	1	2	3	4	5

Please give suggestion for the improvement of the course:

Weakness of the course:

Strength of the course:

Gautham.N  
Signature

\*\*\*Thank you\*\*\*

