

**WORKSHOP ON**  
**AIIMS - AUTLS - Provider Course**  
**(AIIMS Advanced Ultrasound in Trauma & Life Support)**  
**Empowering Trauma Resuscitation-The ABCDE way on 6<sup>Th</sup> & 7<sup>Th</sup> SEPT,2019**

**VENUE : SMT.KASHIBAI NAWALE MEDICAL COLLEGE NARHE PUNE-41**  
**AUDITORIUM 5<sup>TH</sup> FLOOR COLLEGE BUILDING**

Care of Poly-Trauma victims has always been challenging in Emergency Department and Intensive Care Setting. It becomes even more demanding when you perform Trauma Resuscitation and Advance Cardiac Life Support protocol in a blinded fashion. Immediate ultrasound at point of care has been typically described as an extension of the palpating hand. It functions as a “Visual Stethoscope” during initial physical examination and provides both anatomic and functional information complementary to the conventional physical examination.

Why the ABCDE way? **A-AIRWAY** kills before **B-BREATHING** and **B** kills before **C-CIRCULATION**. So prioritizing order of assessment cum management with purpose to Treat First That Kills First Saves More Lives. The course will cover all the critical components of Trauma Resuscitation including Emergency Eye, Airway, Chest, Cardiac and Abdominal Sonography involved with Trauma Resuscitation. This requires plenty of hands on training.

**COURSE FACULTY:-**

- 1. DR.SANJEEV BHOI-**  
PROGRAMME DIRECTOR  
PROF AND INCHARGE; DEPT. OF EMERGENCY MEDICINE.  
JPN APEX TRAUMA CENTRE. AIIMS NEW DELHI
- 2. DR.TEJPRAKASH SINHA-**  
ASSO. PROF; DEPT. OF EMERGENCY MEDICINE.  
JPN APEX TRAUMA CENTRE. AIIMS NEW DELHI
- 3. DR.AJIT BAVISKAR-**  
CONSULTANT CRITICAL CARE. GLOBAL HOSPITAL  
PROF OF EMERGENCY MEDICINE. DR D.Y PATIL MED.COLLEGE MUMBAI.
- 4. DR.HARSHAD DONGRE-**  
PROF; DEPT OF ANAESTHESIA.  
SMT. KASHIBAI NAWALE MED COLLEGE AND GEN HOSPITAL.PUNE





## Sinhgad Institutes

SMT.KASHIBAI NAVALE MEDICAL COLLEGE AND GENERAL HOSPITAL  
NARHE PUNE-41  
THE DEPARTMENT OF ANAESTHESIOLOGY AND CRITICAL CARE

In Association With

INDUSEM

Cordially Invites You For  
&  
WORKSHOP ON

**AIIMS-AUTLS Provider Course On 6 & 7<sup>th</sup> SEPT,2019**

(AIIMS Advanced Ultrasound in Trauma & Life Support)

Empowering Trauma Resuscitation-The ABCDE way on 06 & 7<sup>th</sup> SEPT,2019

VENUE : SMT.KASHIBAI NAVALE MEDICAL COLLEGE  
AND GENERAL HOSPITAL NARHE PUNE-41  
AUDITORIUM 5<sup>TH</sup> FLOOR COLLEGE BUILDING

MMC CREDIT POINTS APPLIED



### **REGISTRATION FEE :-**

FOR DOCTOR'S OF SMT.KASHIBAI NAVALE MEDICAL COLLEGE – RS 3000

FOR OTHERS – RS 5000 (SEATS LIMITED TO 1<sup>ST</sup> 60 REGISTRATIONS)

IFSC Code: TJSB0000025 Account No:025120100000024

Bank: TJSB Sahakari Bank Ltd. Branch: Narhe Pune -41

### **FOR ENQUIRIES CONTACT:-**

Department of Anaesthesiology ([anaesthesia@sknmcgh.org](mailto:anaesthesia@sknmcgh.org))

Dr. Harshad Dongare – 9373721109 ([harshaddoc@gmail.com](mailto:harshaddoc@gmail.com))

Dr. Sameer Kulkarni – 8087423491 ([samkul29@gmail.com](mailto:samkul29@gmail.com))

Dr.Uma Kulkarni – 9930756806.

Dr Omkar Kale –9096983342.

Dr. Aishwarya Bhat –9922962684.

# AIIMS Advanced Ultrasound in Trauma & Life Support

## (AIIMS – AUTLS) – Course

**6<sup>th</sup> September 2019 1<sup>st</sup> Day Schedule**

**TIME: 8 AM TO 5:30 PM**

| NO | TOPIC  | TIME  | DESCRIPTION  |
|----|--|-------|--|
| 1  | Pre-course Evaluation & Introduction of students and Course Faculty        | 30min | The participants are given printed baseline knowledge and confidence assessment forms after completion the participants and faculties are formally introduce each other.   |
| 2  | ABCDE by Ultrasound: Empowering Emergency care                             | 15min | This topic gives an overview the role of point ultrasonography in various aspects of trauma resuscitation.   |
| 3  | BASICS OF ULTRASOUND:  | 30min | Objective of this topic is to give the participant the Basic physics of ultrasound, handling the machine, different buttons/knobs, probe orientation, Imaging modes, gain & depth setting, ultrasound artifacts and optimization recording and reporting of image.                   |
| 4  | Airway Ultrasound:   | 30min | Objective of this topic is to teach ultrasound anatomy of airway, Ultrasound assessment of ET-tube size, Airway confirmation, pre tracheostomy evaluation of neck, USG guided Procedures- Needle cricothyroidotomy, Tracheostomy all the topics will be having video representation. |
| 5  | Lung Ultrasound:   | 45min | Objective of this topic is to teach Method of doing lung ultrasound, Ultrasound lung signs, detection of pneumothorax, Pleural effusion, Pneumonia, Pulmonary edema, ARDS, Pulmonary embolism, atelectasis. All the topics will be having video representation.                      |
| 6  | US Hands-On & Simulation: Knobology, Airway, Breathing                     | 60min | The participants will be provided ultrasound machine and healthy volunteer model to have hands-on practice   |
| 7  | RUSH Protocol; The Pump Point of care cardiac ultrasound & IVC assessment: | 30min | Objective of this topic is to teach 4 windows of Echocardiography, diagnosis of pericardial effusion/ tamponade, Ejection fraction, Right ventricular strain. All the topics will be having normal and pathological video representation.  |
| 8  | RUSH Protocol; The Tank- E-FAST  | 30min | The lecture emphasizes on four windows of FAST (subxiphoid, right upper quadrant, left upper quadrant and supra-pubic view), all the topics will be having normal and pathological video representation.   |
| 9  | US Hands-On & Simulation: Focused ECHO & FAST                              | 60min | The participants will be provided ultrasound machine and healthy volunteer model to have hands-on practice.  |
| 10 | RUSH Protocol; The pipes   | 30min | The lecture emphasizes on method of Abdominal Aorta ultrasound, Aortic diameter measurement and detection of Abdominal aortic aneurysm (AAA). Video demonstration  |
| 11 | RUSH Protocol; The pipes- DVT Scan   | 30min | The lecture emphasizes on method of peripheral venous assessment with Video demonstration of deep vein thrombosis.   |
| 12 | US Hands-On & Simulation: Aorta, IVC & DVT Scan                            | 60min | The participants will be provided ultrasound machine and healthy volunteer model to have hands-on practice.  |
| 13 | Disability Assessment:   | 30min | Ultrasound assessment of pupillary size and reaction, Detection of scalp fracture, Optic nerve sheath diameter and its use for assessment of raised intra-cranial pressure   |
| 14 | Musculoskeletal Ultrasound:  | 30min | To assess musculoskeletal system. Ultrasound detection of fracture, Ocular injury & cellulitis, Abscess  |

**AIIMS Advanced Ultrasound in Trauma & Life Support**  
**(AIIMS – AUTLS) – Course**  
**7<sup>th</sup> September 2019 2<sup>nd</sup> Day Schedule**

**TIME: 8 AM TO 2:30 PM**

| NO | TOPIC   | TIME    | DESCRIPTION  |
|----|---|---------|--|
| 1  | Review, Q/A and debriefing:   | 15min   |  |
| 2  | Vascular Access:  | 30min   | This topic discuss in detail the ultrasound anatomy of Internal Jugular and femoral vein. Ultrasound needle tracking and putting vascular catheters with the help of Ultrasound along with video demonstration of the same |
| 3  | Gall Bladder & Kidneys:   | 30min   | This topic discuss in detail the ultrasound anatomy of gall bladder and kidneys with video demonstration of pathological conditions of both gall bladder & Kidneys.  |
| 4  | US Hands-On & Simulation: Vascular Access, Gall Bladder and Kidneys | 60min   | The participants will be provided ultrasound machine and healthy volunteer model to have hands-on practice.  |
| 5  | Post-course Evaluation:   | 120 min | The participants are given printed answer sheets for knowledge assessment done through power point questions (videos and pictures) and confidence assessment.  |
| 6  | Ultrasound guided CPR:  | 45min   | Objective of this topic is to discuss potential use of ultrasound during CPR especially in pseudo PEA conditions.  |
| 7  | Course closure  |         |  |

**NOTE : Kindly keep the transaction number available for receipt.**

**Payment will accepted in cash as well.**