



ICMR/AU-STRC CAPACITY BUILDING SCHEME

**CAPACITY BUILDING ON CRITICAL CARE, MANAGEMENT OF
EMERGENCIES AND FIRST AID**

**IN PARTNERSHIP WITH
ALL INDIA INSTITUTE OF MEDICAL SCIENCES**

2022 programme

CONCEPT NOTE

Background

The ICMR/AU-STRC Health Sciences Cooperation is developed in response to the outcome of the landmark India Africa Forum Summit (IAFS) III, October 2015 that was hosted by the Honourable Prime Minister of India.

This Cooperation is set up to leverage resources through innovative inter-disciplinary, multi-sectoral partnerships to capitalize on regional diversity and complementary strengths to enable and nurture an ecosystem that has a strong impact on transforming the health standards of the population.

To guide and institutionalize this cooperation, a Memorandum of Understanding (MoU) was signed between Indian Council of Medical Research (ICMR) and the African Union Scientific, Technical and Research Commission (AU-STRC) on the 27th March, 2019.

That in this regards, several Capacity Building programmes had been developed among which is the Capacity Building programme on Critical Care, Management of Emergencies and First Aid.

This Capacity Building programme is to be conducted with the support of All India Institute of Medical Sciences and to be hosted by the beneficiary Institute (hospital).

The All India Institute of Medical Sciences, New Delhi is the topmost tertiary care hospital of the country. It is a leading institute of medical research and patient care. The hospital takes great pride in its endeavors to encourage its doctors to impart knowledge to various other regions.

The ICMR/AU-STRC in partnership with All India Institute of Medical Sciences is launching a capacity building programme on Critical Care, Management of Emergencies and First Aid.

Aim of this Programme

The programme aims at building the capacity of Medical practitioners to respond to “Critical Care Management Emergency and First Aid” with the overall objective for the betterment of Africa’s Populous health and well-being.

Target Groups

This programme is targeting to build the capacity of medical practitioners, in leading Africa’s National hospitals on the AU Member States.

Programme coverage areas:

This programme is designed to cover the following areas with possibilities to add other areas of common interests between the beneficiary and the capacity builders. This will be in accordance with the availability of financial and human resources.

1. Capacity Building in CPR – Basic & Advanced workshop
2. Capacity Building in First Aid in Common Emergencies workshop
3. Capacity Building in Airway workshop
4. Capacity Building in Ultrasound guided intravenous access and ultrasound guided nerve blocks for acute and chronic pain workshop

For more details of proposed programme of workshops, please see- **Annexure-I**

How to Apply:

The Capacity Building will be conducted in the African Union Member States upon official request which is to be sent to the ICMR/AU-STRC Capacity Building Scheme via official letter to the following email addresses: iahspicmr@gmail.com; africanunionstrc@gmail.com

Letter of Request:

A letter of interest to be sent to the above mentioned emails and to be addressed to ICMR/AU-STRC Capacity Building Scheme Management signed by the highest executive authority of National hospitals that tabulates the request.

A duly completed Application Form to be attached to the letter. Please refer to Application Format-

Annexure-II

Financial support:

The programme is designed where the Partnership is to cover the airfare and accommodation expenses of the Trainers (Three trainers). On the other hand, the beneficiary hospital in the African Union Member State is to cover the cost for the Trainees along with other logistics concerning the Workshop such as the (venue, coffee breaks, lunch breaks and e.t.c).

It is the understanding that the programme is not for profit making and that the beneficiary hospital will not charge the participant (Trainees) any cost for participating in this Programme.

Venue of Training:

Since the training is to be hosted by the beneficiary hospital, the venue for the workshop(s) is to be within one of the National hospitals in the Member State that is hosting the training.

Number of workshops:

- As of the availability of fund the programme can offer **5 to 6** visits to African Union Member States by the trainers (AIIMS's doctors) per fiscal year.
- In their visit to an AU Member State the trainers could conduct four capacity building workshops in two cities i.e. "two workshops in two different hospitals per city if the programme receive such request".
- Each workshop will be conducted over 2days with a maximum number of 40 participants (trainees).

Each request for the Capacity Building will be treated on first come first served basis, and the programme management reserve the right to accept or decline any request.

For further line of action:

Kindly forward your request to africanunionstrc@gmail.com

For swift inquiries, kindly contact *Mrs Adaeze Akaduchieme* via whatsapp +234 8150729818;

Workshop No. 1 : CPR – BASIC & ADVANCED

	Morning session
1	Airway assessment
2	BLS- Basic resuscitation
	BLS- Airway Endotracheal tubes, supraglottic airway, tracheostomy
	BLS- Breathing
	BLS- Circulation
	BLS- Drugs
	CPR- How to do Basic CPR
3	ACLS Advances cardiac life support
	ACLS – Identification of different rhythms
	ACLS – Treatment of different rhythms
4	Oxygen therapy
5	Workshop on identification and treatment of rhythms
6	Hands on – CPR to all volunteers
	LIVE DEMONSTRATION ON PATIENTS

Workshop No. 2 : FIRST AID IN COMMON EMERGENCIES

	Aim	
Bleeding	How to recognize & treat at hospital	How to recognize & treat at peripheries
Breathing difficulties	How to recognize & treat at hospital	How to recognize & treat at peripheries
Someone collapses	How to recognize & treat at hospital	How to recognize & treat at peripheries
Heart attack	How to recognize & treat at hospital	How to recognize & treat at peripheries
Fits or epileptic attacks	How to recognize & treat at hospital	How to recognize & treat at peripheries
Severe Pain	How to recognize & treat at hospital	How to recognize & treat at peripheries
Stroke	How to recognize & treat at hospital	How to recognize & treat at peripheries
Allergic reaction	How to recognize & treat at hospital	How to recognize & treat at peripheries
Dog / Snake / Insect Bite		

Workshop No. 3 : AIRWAY WORKSHOP

	Morning session- short lectures	Time (minutes)
1	Airway Anatomy	15
2	Endotracheal intubation – basic & difficult	10
3	Supraglottic airway devices LMA/ Classic/Proseal/Ambu/Flexometallic	15
4	Videolaryngoscopy intubation	10
5	Bronchoscopy intubation	10
6	Ultrasound of airway	10
7	Assessment of Airway	10
8	Oxygen therapy	10
	Afternoon sessions- hands on sessions on mannequins	
1	Endotracheal intubation – basic /adjuncts	30
2	Supraglottic devices	30
3	Videolaryngoscopy intubation	30
4	Bronchosocpy intubation	30
5	Ultrasound airway	30
	Difficult intubation- case discussion	
1	Difficult pediatric airway	15
2	Bariatric airway	15
3	TMJ Anklosis	15
4	Trauma airway	15
	LIVE DEMONSTRATION	

Workshop No. 4 : ULTRASOUND WORKSHOP & TRAINING

	TOPICS
	Lectures & Master Demo USG
	INTRODUCTION to USG Needling & Probing
	Upper Limb Blocks- Interscalene/supraclavicular/infraclavicular/ axillary
	IJV cannulation
	Truncal blocks TAP/Rectus sheath block Ilioinguinal/Iliohypogastric
	Lower Limb Blocks – femoral/sciatic/ obturator/adductor canal/popliteal sciatic
	HANDS ON FOR ALL VOLUNTEERS
	LIVE DEMONSTRATION OF BLOCKS

*TOPICS MAY BE ADDED OR DELETED ACCORDINGLY