**RISE COVID-19 Response**

**India Country Rapid Assessment for COVID-19 Response**

***Self-assessment***

***Tool for Training Needs***

**TRAINING NEEDS ASSESSMENT**

**Self-assessment Tool for Health Care Provider in Respiratory Care**

**Basic information**

|  |  |
| --- | --- |
| Name of the facility: ………………………… | Date: |
| Designation: ……………………………………. | Qualification: ………….. |
| Place posted within facility: | ………………………………………… |

**Self-assessment Checklist**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Skill and knowledge** | **Trained**  **(Yes/ No/ NA)** | **Self-Perceived Level of competency** | | |
| **Beginner** | **Intermediate** | **Advanced/ Expert** |
| 1. **Stratified Case Management (Triaging of clients for COVID-19)** |  |  |  |  |
| 1. **Infection prevention and control** | | | | |
| Standard Precautions and Hygiene, PPE |  |  |  |  |
| Care bundles[[1]](#footnote-1) for prevention of device-associated infection |  |  |  |  |
| Antimicrobial therapy |  |  |  |  |
| 1. **Practical skills for care of Moderately/ Severely Ill** | | | | |
| Intubation |  |  |  |  |
| Sedation IV Cannulation |  |  |  |  |
| Arterial line |  |  |  |  |
| CVC insertion |  |  |  |  |
| Quality care in ICU including |  |  |  |  |
| Triaging for Critical care |  |  |  |  |
| Oxygen therapy |  |  |  |  |
| Orientation on Mechanical ventilation |  |  |  |  |
| Life Support - Basic Life Support (BLS) |  |  |  |  |
| Advanced Cardiac Life Support (ACLS) |  |  |  |  |
| Paediatric Advanced Life Support (PALS) |  |  |  |  |
| Sedation protocol |  |  |  |  |
| Transfer of patient |  |  |  |  |
| 1. **Principles of Mechanical Ventilation for ARDS/ COVID-19 including** | | | | |
| Concepts of Tidal volume, Plateau pressure, Driving pressure, Auto PEEP |  |  |  |  |
| Assessment for Initiation |  |  |  |  |
| Weaning from mechanical ventilator |  |  |  |  |
| 1. **Orientation on Oxygen delivery devices** | | | | |
| Use of Ventilators |  |  |  |  |
| Use of Oxygen concentrators |  |  |  |  |
| Rational use of Oxygen |  |  |  |  |
| Orientation on BiPAP/CPAP |  |  |  |  |
| Orientation of HFNO |  |  |  |  |
| 1. **Stress Management** |  |  |  |  |
| 1. **Counselling for Home Based Isolation** |  |  |  |  |
| 1. **COVID Vaccination** | | | | |
| Cold Chain & Vaccine logistics Operational Guidelines |  |  |  |  |
| AEFI & Anaphylaxis management |  |  |  |  |
| Co-WIN app Guidelines and Use |  |  |  |  |
| Infection control & Bio medical waste management for COVID vaccination |  |  |  |  |
| Pregnant female COVID 19 vaccination |  |  |  |  |
| COVID vaccination communication strategy and addressing vaccine hesitancy |  |  |  |  |
| Private COVID Vaccination Guidelines |  |  |  |  |
| COVID 19 Vaccination data recording, analysis and use |  |  |  |  |
| Others Specify\_\_\_\_\_ |  |  |  |  |
| 1. **Laboratory strengthening** | | | | |
| Types of COVID diagnostic tests lab techniques |  |  |  |  |
| Preparation of the laboratory for COVID testing-Risk assessment |  |  |  |  |
| Understanding and implementing requirements of specimen collection |  |  |  |  |
| Packing and Transport |  |  |  |  |
| Conducting safe and high-quality testing procedures |  |  |  |  |
| Identifying key technical and operational considerations for testing |  |  |  |  |
| Quality management system |  |  |  |  |
| Biosafety parameters |  |  |  |  |
| Data entry on ICMR portal |  |  |  |  |
| Sample collections and transports to genome sequencing sites |  |  |  |  |
| Operationalization of new labs (for a subset of master trainers) |  |  |  |  |
| Supply chain management |  |  |  |  |

Do you feel there is a need for training in critical care during pandemic (COVID-19) response?

Yes/ No/ NA

**Kindly list any related training that you feel is required below (if any):**

1. …………………………………………………………………………………………………………….
2. …………………………………………………………………………………………………………….
3. …………………………………………………………………………………………………………….
4. ……………………………………………………………………………………………………………..
5. ……………………………………………………………………………………………………………..

1. *Care bundles for prevention of device-associated infections are a set of evidence based interventions to improve health outcomes by facilitating and promoting changes in patient care. The three types in Critical care are: Ventilator-associated pneumonia (VAP) bundle, Central line-associated bloodstream infection (CLABSI) bundle, Catheter-associated urinary tract infection bundle*

   *(Reference: IPC in ICU, Pg 95-105, National Guidelines for Infection Prevention and Control in Healthcare Facilities, January 2020, MOHFW, GOI)* [↑](#footnote-ref-1)