**Volunteer Medical Devices Maintenance Team to Combat COVID-19**

1. **Objective:** To create and organize volunteer maintenance team and maintenance centers to repair Mechanical ventilators and other essential medical devices from public hospitals to combat COVID-19 pandemic in our country.
2. **Methodology:** The maintenance Engineers/technicians from different organizations/individuals are grouped into three teams which will be coordinated by PMED/Biomedical Engineering team at the FMOH.
3. **Team Composition**

**Team1: Tegbar-Id polytechnic college Centered team**

* Volunteer biomedical engineers and technicians from private companies, AAIT, HBL medical equipment importer and individuals.
* This team repaired 8 Mechanical Ventilators and waiting for spare parts for the other devices.

**Team2: National Metrology Institute Centered team**

* Group of engineers from NMI and AASTU
* Medical devices should be collected from hospitals to this center.

**Team3: AIR Port centered team**

* Group of Engineers/technicians from Ethiopian Airline, WMG, and hospitals.
* This team already started maintenance and 8 Mechanical ventilators maintained and ready for service.
* The medical devices need maintenance should be collected from hospitals to this center

1. **Participants**

|  |  |  |  |
| --- | --- | --- | --- |
| List of Participants | Number | Contact person | Remark |
| 1. Air lines | 3 | Tadesse (FMOH) | Team3 |
| 1. NMI(Sinelik) | 5 | Eng.Tadesse (0911623435) | Team2 |
| 1. AAIT | 5 | Natnael | Team1 |
| 1. HLB medical importer | 2 | Biruk | Team1 |
| 1. FMOH/PMED | 3 | Zerihun(0944303944) | Team1,2,3 |
| 1. WMG BME | 5 | Abbay | Team3 |
| 1. Private and Individual Volunteers(BME) | 12 | Bilisuma Anbesse(BME) | Team1 |
| 1. BME from hospitals | 5 | Ermias Haymanot | Team1,2,3 |
| 1. Tegbar-Id PTC | 6 | Ashebir (0910404812) | Team1 |
| **Total** | **40+** |  |  |

1. **Hospitals mapping**

**Team1:** Ghandi ,Zewditu,Alert, st.Paul and Rasdesta and Black Lion hospitals

**Team2:** Yekatit 12, Menelik, St.peter Aabet Hosp and Tirunesh Bejjing Hospital

**Team3:** Only mechanical ventilators from all hospitals

**NB.** All hospitals are informed to bring the devices to the maintenance centers.

1. **Prioritized Devices**
2. Mechanical Ventilator
3. Oxygen Concentrator
4. Patient Monitor
5. ECG
6. Suction Machine

and other devices used for COVID-19 patient care.