

Pandemic Emergency Financing Facility (PEF) project update:

MOH In Collaboration with WHO Country office funded by World Bank

November 2020 – March 2021



Elements of World Bank PEF project executed November 2020- January 2021



- 1** **Hospital director leadership and management**
- 2** Building sustainable national capacity in emergency care
(clinical management of the acutely ill or injured)
- 3** Mass casualty management introduction workshop and competency assessment
- 4** Trainings on oxygen concentrators
- 5** Critical care competency assessment
- 6** Rapid hospital assessment on emergency and critical care capacity

1 Strengthening capacity of regional hospital directors in providing safe, quality emergency and trauma care for all

29 November – 1 December

Workshop topics:

- *Introduction to emergency care systems and UHC*
- *Leadership and management*
- *Patient safety*
- *Quality care*
- *WHO tools for strengthening emergency care*
- *Mass casualty management*



https://twitter.com/MoH_Somalia/status/1333496080449884163?s=20

Hospital directors from:

1. Mudug Regional Hospital
2. Nugaal Regional Hospital
3. Bender Regional Hospital
4. Badhan Regional Hospital
5. Galgadud Regional Hospital
6. General Regional Hospital
7. Bay Regional Hospital
8. Bakool Regional Hospital
9. Lower Shabelle Regional Hospital
10. Baladweyne Regional Hospital
11. Jowhar Regional Hospital
12. Kismayo Regional Hospital
13. Garbahrey Regional Hospital
14. De-Martino Regional Hospital
15. Banadir Hospital
16. Forlanini Hospital



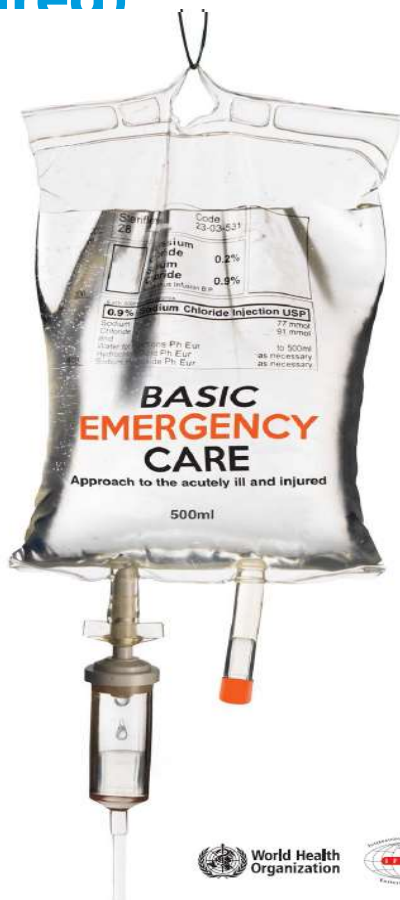
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Building sustainable national capacity in emergency care (clinical care of the ill and injured)



Basic Emergency Care (BEC) course co-developed by the WHO and ICRC, and endorsed by the International Federation for Emergency Medicine

Designed for frontline health care providers who manage acute life-threatening conditions with limited resources

Dedicated modules on:

- Trauma**
- Shock**
- Altered Mental Status**
- Difficulty in Breathing**
- Safe handover of patients**

Teaches

- A systematic initial approach to managing acute, potentially life-threatening conditions even before a diagnosis is known**
- How to safely approach a patient**
- Practical skills for life-saving interventions**



<https://www.who.int/publications/i/item/basic-emergency-care-approach-to-the-acutely-ill-and-injured>



Building sustainable national capacity in emergency care (clinical care of the ill and injured) 5-16 December



Trainers from the African Federation for Emergency Medicine (AFEM), a member organization of the International Federation for Emergency Medicine, which certifies and accredits BEC

<https://afem.africa/who-we-are/>

<https://afem.africa/project/bec-accreditation/>

Batch 1: 5-9 December

27 participants; 19 medical doctors and 8 qualified nurses representing 6 regions and 12 hospitals

Average pre-test score 63% Average post-test score 91%

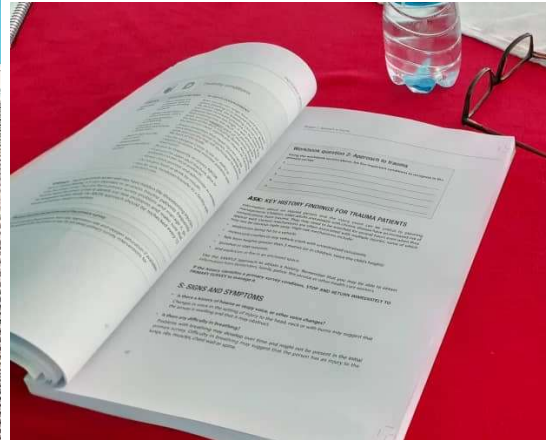
Batch 2: 10-16 December

25 participants; 19 medical doctors and 6 qualified nurses representing 6 regions and 12 hospitals

Average pre-test score 69% Average post-test TBD



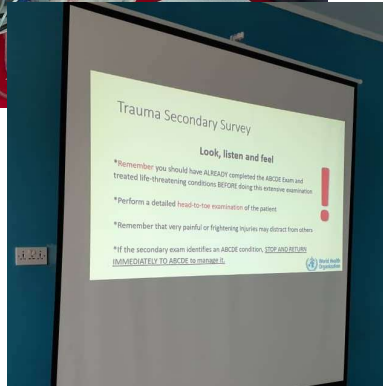
Building sustainable national capacity in emergency care (clinical care of the ill and injured) 5-16 December

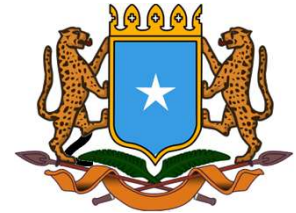


BEC teaches through several proven methods of sustainable adult learning

- Writing**
- Small group scenarios**
- Role playing**
- Hands-on practical skills**

Being adapted by WHO Academy as an upcoming augmented-reality / virtual reality based course, for release in mid 2021





BEC Training of Trainers course 9 December and 15 December 2020

Teaches

- General principles of adult learning
- How to teach, including role play
- How NOT to teach
- How to improvise creation of training equipment and supplies
- Logistics of running BEC

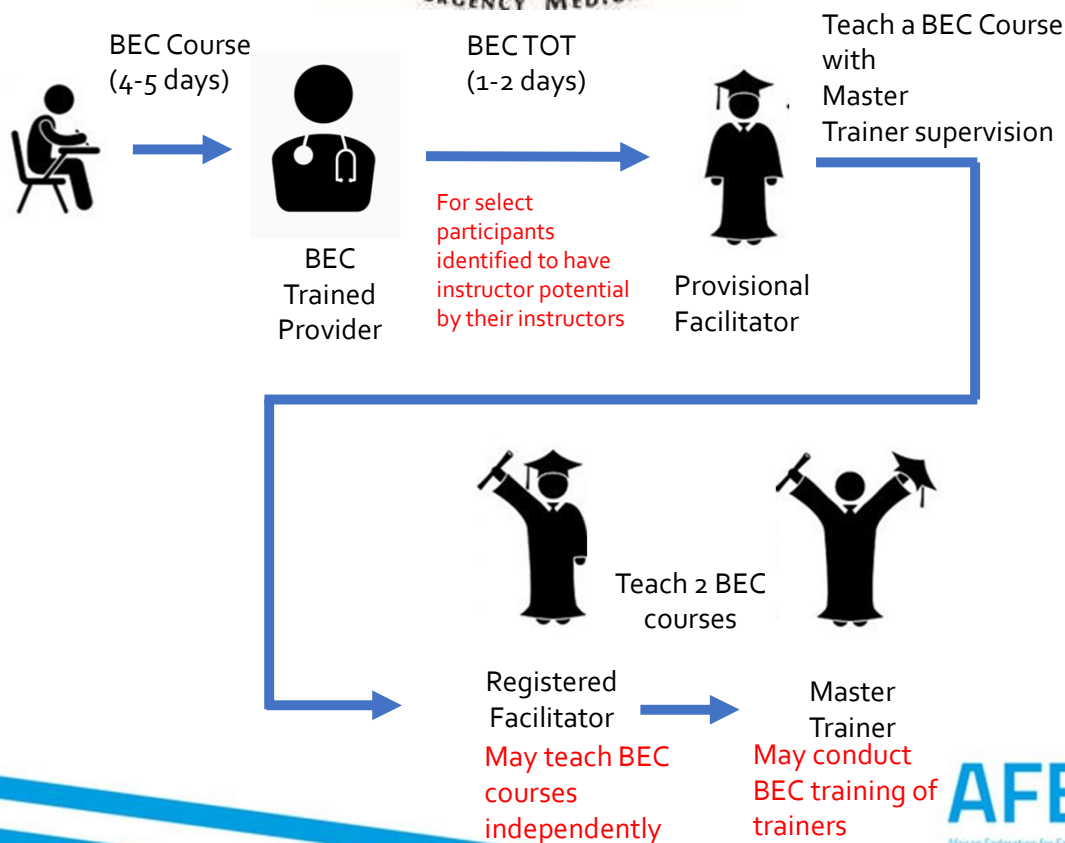


14 provisional facilitators certified 9 December

Facilitator Certification Process



WHO/ICRC/IFEM BEC





**International Federation
for Emergency Medicine**

A federation of over 70 global emergency medicine organizations (professional societies) from regions and countries where emergency and trauma care systems are in various stages of development.

Regional societies include African Federation for Emergency Medicine (AFEM), Asian Society for Emergency Medicine (ASEM), European Society for Emergency Medicine (EuSEM), Federacion Latinoamerica de Medicina de Emergencias (FLAME).





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Oxygen concentrators newly arrived in Somalia



WHO EMRO
@WHOEMRO

Replying to @WHOEMRO

Hundreds of thousands of people have been tested for [#COVID19](#) thanks to [@WHO](#) support. WHO has also equipped health facilities with essential medical supplies, including oxygen for patients like this man in a COVID-19 isolation centre in [#Somalia](#).



WHO Somalia

2:00 AM · May 20, 2020 · Twitter Web App

Through the Global Supply Chain Consortium, over 200 oxygen concentrators have been procured and delivered to over 40 hospitals in Somalia in 2020, with WHO and UNICEF support.



Training frontline clinicians on use of oxygen concentrators 9 Dec 2020



2 hours hands-on training by WHO biomedical and clinical experts on:

- Clinical use of oxygen concentrators in general
- Brand-specific training of device delivered to hospitals in Somalia
 - Initial set-up
 - User and preventative maintenance
 - Cleaning, disinfection and sterilization
 - Troubleshooting



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Critical care competency assessment



Initial impressions from teaching BEC Batch 1:

- ❖ Clinicians, even specialist physicians, need reinforcement of doing the basics well prior to being able to absorb more advanced critical care training
- ❖ Lack of equipment and biomedical staff to care for equipment has left a lack of capacity to absorb critical care training.

Formal assessment underway



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Rapid hospital assessment on emergency and critical care capacity



Emergency and critical care capacity (ECC) tool consists of two subparts:

1. Administrator module
2. Clinician module
 - 3 clinicians in ED/OPD
 - 3 clinicians in Ward
 - 3 clinicians in ICU/HDU

Domains of clinician tool:

- Staffing/beds
- Transfers/referrals
- Structure/protocols
- Supportive services
- Quality improvement
- Signal functions
- Clinical care/trainings
- Infrastructure
- Diagnostic services

Six FMOH data collectors (clinicians) trained on tool and hospital assessment methodology using RedCAP app

Hospital visits organized for piloting of tool on app





Rapid hospital assessment on emergency and critical care capacity



Pilot assessment conducted in 03 hospitals from 10 December to 13 December 2020

Medina hospital – 10 December



Banadir hospital – 10 December



200 empty beds in "COVID-ward"

Digfer hospital – 13 December



8 years old PSA plant, ?functional.
Not turned on.



Rapid hospital assessment on emergency and critical care capacity



- ✓ Data collection from 19 secondary care hospitals both public and private is completed in Banadir
- ✓ Data cleaning for all the submissions ongoing
- ✓ Data analysis and presentation of the initial findings to follow in coming weeks
- ✓ Findings will be linked with interactive Dashboard for policy makers and program managers to improve the quality of care



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- 07** Mass Casualty Management training
 - 08** Infection Prevention and Control Master ToT
 - 09** BEC cascade training
 - 10** Intensive Care Unit Management training
 - 11** Dessimination of PEF project findings workshop



Mass Casualty Management training



- ✓ 1st batch of 25 participants completed MCM training from 24-28 January 2021
- ✓ 2nd batch of 27 participants starting 31 January 2021



31/01/2021

| Title of the presentation





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07	Mass Casualty Management training	WHO academy
08	Infection Prevention and Control Master ToT	09 days training, scheduled in 2nd week of February
09	BEC cascade training	Scheduled in 4th week of February and 1st week of March
10	Intensive Care Unit Management training	Scheduled in 4th week of February and 1st week of March
11	Dessimation of PEF project findings workshop	Scheduled in 4th week of March



THANK YOU