

Primary Trauma Care Foundation: Course Report

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Your Details

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People

Course Director	Mulinda Nyirenda
Course Staff/Faculty	Nil
Course Instructors	Jeremy Bates, Chimwemwe Monjeza, Kenneth Mureno, Francisco Nkhoma , Greory Khwimani, and Mulinda Nyirenda
Course Participants	16 participants (Clinicians) 12 COST Africa Bachelor of Surgery Trainees (Specialised Clinical Officers) and 4 Queen Elizabeth Adult Emergency Department (AETC) Clinicians

Course Details

Executive Summary (*achievements/problems/any additional background information*)

The course was offered to trainees on the Bachelor of Science in Surgery and Orthopaedics. The Facilitators consisted of fellow students who had been trained as PTC facilitators about a year prior to joining the course. It was exciting to see peer education happen so well under the mentorship of senior facilitators Dr Jeremy Bates and Dr Mulinda Nyirenda.

Four clinicians from the adult emergency department at Queen Elizabeth Central Hospital also attended the course to improve their trauma care skills.

How did you prepare for the course(s) (*e.g. printing, venue, invitations*)

Course materials used were organised by course director and fellow facilitators. The college of medicine provided the venue since the activity was part of their academic program. Participants received notification of course participation through their program coordinator.

Facilitators had a 4-hour preparatory meeting on the day before the course was delivered to review course materials, organised the delivery of the course and prepare course venue.

Details of Activities (any special arrangements or timing?)

The Primary trauma care course was delivered as a package of a basic trauma care module within their curriculum in which Trauma care system components (triage, registry/ data collection, case history and examination skills) were offered in the first three days of the module. The primary trauma care course was then offered in the last two days of that week as a consolidation of essential trauma care skills and special considerations. The Emergency department clinicians were included on the Primary Trauma Course to diversify the course participant demographics.

Outcomes (for each course please include number of people trained, their roles and the change in average MCQ/Confidence Matrix scores. For instructor courses, please also let us know which course materials you used).

16 participants (1 Emergency medicine specialist, 1 medical officer, 2 general clinical officers and 12 specialised surgery Clinical Officers) attended the course to completion. Average Pre-test score was 79.2%, Average Post-test score 82.5% and Average mark improvement 5%.

The confidence matrix showed an improvement in confidence to handle the trauma case scenarios evaluated as standards on the course. Handling penetrating abdominal trauma paediatric patient, a pregnant woman with trauma and head injury had the least confidence scores in the pre course evaluation and improved considerably

Evaluation Summary (what is your overall view of the success and relevance of this course?)

The course was a great success. It achieved its objectives by equipping the clinicians the relevant skills to deliver trauma care effectively with minimum resources. Participants appreciated the interactive sessions that allowed them to engage with the course concepts. It was encouraging to see how peer teaching (faculty composed of surgical clinical officer trainees) was positively received by participants. Faculty were able to complement one another and provide the appropriate support for all faculty members.

Evaluation Report (list the team's answers from the post-course evaluation)

The course elements was graded as very well delivered by more than 75% of the participants and the rest indicated the course content was delivered well. The participants were appreciative of the hands-on experienced offered on the course – highlighting scenarios and workshops. Participants also appreciated learning about a systematic primary survey evaluation. The open interactive environment maintained by the course faculty was appreciated by participants as facilitated easy learning. On query regarding what to improve on the course, the common request was to extend the time in which the course is delivered.

Please supply details of any coverage by press, radio or TV

Nil

Acknowledgements (please give the names of people, institutions or donors that deserve special mention)

COST Africa for meeting the costs of this PTC course.

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