

PTC report - Senegal October 2019



Report on the PTC / Mercy Ships Senegal Course, Dakar, Senegal.
October 21-25 2019

Summary

This was the first PTC Course to be held in Senegal, with the financial sponsorship and active assistance of Mercy Ships, who have been key in establishing PTC in Francophone Africa - République de Congo, République Démocratique du Congo, Madagascar, Cameroun, Benin, Guinea and now Senegal.

We trained 32 local participants in primary trauma care during the course of a 5- day (2:1:2) programme. All 11 participants on the first 2-day course went on to do the instructor course, and 5 of those 11 then remained to lead and teach on the second 2-day PTC course.

Overall MCQ marks were high; we were delighted with the 15% improvement in marks between MCQ's on the first course, and 25%. Improvement on the second!

Further courses are planned, and in addition PTC materials will be used on inland teaching trips in Senegal organised by Mercy Ships.

Background

Using their previous experience with PTC, Mercy Ships, working through the Senegalese Ministry of Health, invited groups of health professionals with a link to trauma care to participate in PTC courses to be held in Dakar, Senegal

Preparation and Venue

All teaching and team accommodation was in a hotel (Colonia) in central Dakar. We had a large comfortable and well equipped lecture room, an adjacent area into which we could expand for teas and coffees, and another large room into which we could easily fit the skill stations, scenarios and workshops. Mercy Ships also provided us with equipment, mannikins, and a goat thorax for use in the skill stations.

Mercy Ships provided printed teaching material for all participants and trainee instructors, including PTC manuals (A4) for the participants, together with A5 ring-bound folders for the trainee instructors (contents: PTC Manual, Instructor Manual, Additional Teaching Materials and a paper copy of the full PTC Slide set).

The Courses

We delivered a standard PTC 2:1:2 package – a 2-day PTC course in immediate trauma management, followed by a 1-day instructor course; the newly-trained instructors then immediately delivering a second PTC course to a new group of students.

Course participants

The participants were a mixture of physicians and nurses with an interest in trauma.

Names of all participants are tabulated in Appendix 1.

Course faculty

Course 1 (October 21-2)

Dr Pierre Sodonougbo
Benin. Course director
Dr Mike Dobson,
Oxford, UK
Dr Ousmane Drame
Conakry, Guinea
Dr Anne-Marie McCallum
Sydney, Australia
Dr Maren Grass
Aachen, Germany

Instructor Course (October 23)

Dr Pierre Sodonougbo
Benin. Course director
Dr Mike Dobson,
Oxford, UK
Dr Ousmane Drame
Conakry, Guinea
Dr Anne-Marie McCallum
Sydney, Australia
Dr Maren Grass
Aachen, Germany

Course 2 (October 24-5)

Dr Fall
Ms Fatoumata
Mr Diack
Mr Diarra
Mr Gueye



Senegal PTC President Dr Falll receiving
her certificate from Course Director
Dr Pierre Sodonougbo (Benin)

Formal teaching roles were assigned in advance; faculty meetings on the afternoon preceding each course allocated remaining jobs, including leadership of small groups, and essential non-academic roles such as timekeeping and flipchart scribe.

Content and structure of the courses

We followed the specimen timetables for the courses as shown in the instructor manual. The first group improved their average MCQ performance from 12/20 - 15/20, and (to the delight of all) the second group improved from 11/20 - 16/20

Plans

Following the instructor course, a group of Senegalese instructors decided to form a national PTC committee. The following initial roles were assigned:

President:	Dr Fall
Vice-president:	Dr Ngom
Secretary General:	Mme Ka
Treasurer:	Dr Biteye
Organiser:	Dr Diack

Further PTC courses are planned during “Africa Mercy’s” mission in Dakar, and in addition there will be a “road show” travelling inland, which will visit inland and smaller hospitals, teaching “highlights” of PTC and similar courses such as “Safe Obstetrics”. Those who completed the Instructor course day but were unable to stay on and teach on Course 2 will be invited to compete their teaching practice on the next PTC course.

Acknowledgments

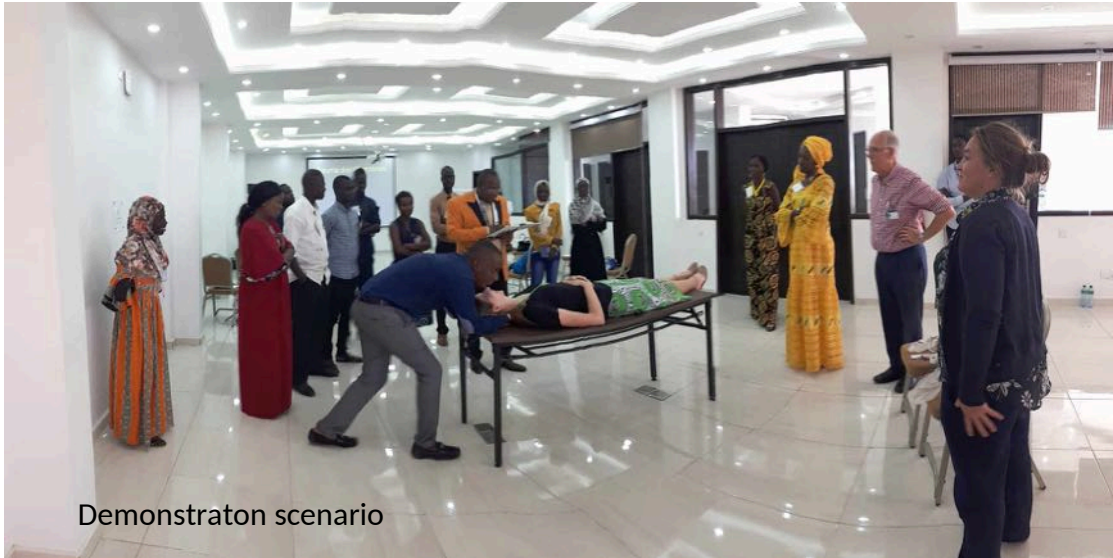
We wish to acknowledge the gracious and comprehensive help we received again from Mercy Ships. Thanks are also due to the Ministry of Health for helping publicise the course, and for releasing staff to attend.

The key to the success of the course was the excellent preparation done in the months before the team arrived by Ms Marina Schmid, Joan Kotze and their team on “Africa Mercy” which was berthed in Dakar during our courses.

Mike Dobson
October 30th 2019



Excellent teaching rooms



Demonstraton scenario



Annex 1 - lists of participants

PTC Course 1

All the above also completed the instructor course, but only those shown below were free to teach on the Thursday/Friday course. The remainder will need to do their supervised teaching on the next PTC course

Mr.	DIACK	Adama	M	Nurse	Centre hospitalier regional de Kafrine	Kafrine
Dr.	FALL	Khady	F	Physician Anesthetst	Hopital Dallal DJAMM	Dakar
Mme.	GUEYE	Khoudia Cisse	F	Nurse	EPSH TOUBA/ NDAMATOU	Diourbel
Mme.	KA	Fatoumata Modibo Diarra	F	Senior Anesthesia-reanimaton Technician	Hopital de Nabil Chukair	Dakar
Mr.	NDIAYE	Alioune	M	Nurse	Centre hospitalier regional de Kafrine	Kafrine
Dr.	BITEYE	Abdou	M	General Physician	Hopital pour Enfant de Diamniadio	Dakar
Mr.	DIACK	Adama	M	Nurse	Centre hospitalier regional de Kafrine	Kafrine
Mr.	DIENG	El Hadji Ibrahima	M	Nurse	EPSH TOUBA/ NDAMATOU	Diourbel

Mme.	DIOP	Mareme	F	Nurse in pediatric surgery	Hopital pour Enfant de Diamniadio	Dakar
Dr.	FALL	Khady	F	Physician Anesthetst	Hopital Dallal DJAMM	Dakar
Mr.	GNAB ALY	Massane	M	Nurse	Centre Hospitalier regional de Diourbel	Diourbel
Mr.	GUEYE	Pape Ousseynou	M	Nurse Aid	Centre Hospitalier de Ourosogui	Matam
Mme.	GUEYE	Khoudia Cisse	F	Nurse	EPSH TOUBA/NDAMATOU	Diourbel
Dr.	HYJAZI	Fatma	F	Pediatric surgeon	Hopital pour Enfant de Diamniadio	Dakar
Mme.	KA	Fatoumata Modibo Diarra	F	Senior Anesthesia-reanimaton Technician	Hopital de Nabil Chukair	Dakar
Mr.	NDIAY E	Alioune	M	Nurse	Centre hospitalier regional de Kafrine	Kafrine
Mme.	NDOY E	Mbayame	F	OR nurse	Hopital Abass Ndao	Dakar
Dr.	NGOM Fallou		M	ER Physician	Centre hospitalier regional de Kafrine	Kafrine
Mme.	SENE	Sokhna	F	ER Nurse	Centre Hospitalier Regional de Ourosogui	Matam

PTC Course 2

Titre	Nom	Prénom	Profession	Hopital	Region
Dr.	COULIBALY	Souleymane	Physician Anesthetst	CHR de NDIOM	Saint-Louis
Dr.	DANSOKHO	Youssoupha	General Physician	Centre hospitalier regional de Kafrine	Kafrine
Dr.	DIAGNE	Fallou	Physician	CH de Mbour	Thies
Mme.	DIAGNE	Ndeye Ndambaw	Nurse	CHR de NDIOM	Saint-Louis
Mr.	DIALLO	Alpha	Firefigther	Sapeur Pompier Dakar	Dakar
Dr.	DIENG	Pape Ousmane	General Physician	Hopital Dallal DJAM	Dakar

Mme.	DIOKHANE	Fatou	Nurse	Hopital Abass Ndao	Dakar
Mr.	DIOUF	Abdou	Senior Anesthesia-reanimaton Technician	ENDSS	Diourbel
Mme.	FALL	Mame Diarra Bousso	Nurse	CH de Mbour	Thies
Mr.	FAYE	Pierre	Nurse Aid	CH de Mbour	Thies
Mme.	FAYE	Awa	Nurse	Hopital Abass Ndao	Dakar
Mr.	KA	Djiby	Anesthesia-reanimaton Technician	HOGGY	Dakar
Dr.	KONTE	Kalidou	Surgeon	CHR de NDIOUM	Saint-Louis
Dr.	KOUASSI	Georges Landry	Physician Anesthetst	Hopital Aristde le Dantec	Dakar
Dr.	MBAYE	Gana	Physician	CH de Mbour	Thies
Mme.	NIANE	Fama	Nurse	Hopital Abass Ndao	Dakar
Dr.	NKOUA	Marc Fabrice-day 1 only	Orthopedic Physician	CHR . de NDIOUM	Saint-Louis
Mr.	SAMB	Dame	Nurse Aid	CHR de Diourbel	Diourbel
Mr.	SARR	Omar	Nurse	Centre hospitalier regional de Kafrine	Kafrine
Dr.	SENE	Modou	Physician	CHR de NDIOUM	Saint-Louis
Mr.	THIARE	Djibril	Senior Technician in administrative training	ENDSS	Diourbel

Annex 2 - feedback

Course 1

What did you like most?

PTC management of trauma patients
The TPC, The ABCDE method of trauma (primary assessment) Secondary evaluation
More knowledge, more professionalism, and less stress in public
Manage an emergency, organize care, be efficient.
The practice of the "drain" turn to the block, the ABCDE system
Address the public, know how to manage a patient according to the ABCDE approach.
We have received training to be able to train in the future.
manage time and especially know that the best minutes are very interesting
Professional skills, social responsibilities towards patients with special needs

What were the most important things you learned?

Methodology of the management of trauma patients
Interactivity of trainers
The content of the TPC (primary and secondary assessment)
Systematization of TPC in trauma patients. The organization
The exchange between trainers and students. The practice
Working atmosphere, Interactive method, importance of modules
I appreciated the way we were taught about it.
The practice
A good management of trauma patients with a chronology

What changes in your practice would you like to make ?

How to behave in front of a traumatized patient
The management of a polytraumatized person. Primary and secondary evaluation of the TPC
C.A.T. when you're in front of a patient
The method of debriefing a traumatized patient, speed, teamwork
Follow the chronology of the ABCDE system in the face of trauma, do a lot of practice so as not to forget and above all share.
Train colleagues who could not do the training. improve my way of caring for patients
N/A
manage time and especially know that the best minutes are very interesting
The cost of care and patient food

Instructor Course

Comments:

What did you like most ?

Interactivity of trainers
The organisation, systematisation of the PTC of trauma patients
The methodology and interactivity
The quality of the training and the experience of the trainers
The communication technique uses
RAS
The management of the PTC the famous ABCDE
Exchange and practice on cases
The speaking techniques in front of the audience and the atmosphere of the work sessions
I really appreciated the way we were taught to present the slides in front of the participants.
What were the most important things you learned?
The PTC, primary assessment, secondary assessment
Speed, communication, working with a method
Speaking in public, knowing how to do it-
The ability to teach well, competency in practice in front of a patient
Slideshow reading techniques with the different participants
RAS
How to become a trainer, master the information before becoming a trainer, be sure to give the courses to the participants
Intubation, drainage and how to turn a patient into a block
Communications techniques, scenario management, technical position management
To be able to transmit what you have learned to others. To be able to direct technical position sessions and to direct scenarios
What changes in your practice do you want to make?
Initial management of the trauma
The method I work with, more friendly communication with the patient
Continue on other themes such as daibete and HTA
Expand the number of participants, expand the number of workshops
A level of emergency structure
RAS

We need this training to be able to do also in the regions for people who cannot move and in order to give a good image of our health structures, especially on the care of the people.

The Chronology on the management of a trauma. Insist on the practice of the ABCDE system. Share everything I learned with my colleagues once I get back.

Allow more time for the modules. Hold sessions at the local level to have more participants who can't travel

In the future we could put into practice what we have learned so that we can teach others.

Course 2

What did you like most?

The ABCDE method because it will greatly facilitate our work, and will allow us to better handle emergencies
Good practices (when we are given a patient the right actions we need to take)
The welcome, the availability of the trainers, clear languages and very clear explanations
I really appreciate the ABCDE system you taught us.
The method of education
Pedagogy of trainers
The practical side was very interesting
Respect of the timetable, simplicity of presentations
Decompression of hemothorax
Practice and workshops
Practice, especially drainage
Rigour, systematisation of examinations
The way in which practices have been systematised
The interaction with the trainers
Workshops to practice during the training
Practical sessions and workshops
The working method and the clarity of the presentations.

What were the most important things you learned?

The ABCDE method, the care and transport of the patient.
Primary assessment, secondary assessment, initial management.
Mastery of the ABCDE system, diagnosis of certain signs of emergencies
I have learned here a theoretical skill, a practical skill, on your PTC system and I will be able to provide these skills to my colleagues and students
Competence in the management of trauma to children, pregnant women and burn victims
Intubation of intraosseous pathways, thoracic drainage
Intubation, bone pathways, thoracic drainage
The ABCDE Method for the care of pregnant women, disaster management
The decompression, drainage, immobilization of the spine.
practical approach, rapid evaluation, organization
ABC approach, overcoming stress, self-confidence
Interest of the respiratory tract, joint puncture and burning technique
Systematization, speed in actions, and especially trust
Systematization of evaluations, knowledge building and rapid analysis
ABCDE, EVUA, Intubation of the respiratory tract approach
The management of respiratory distress. Pneumothorax management, pneumothorax management
Intubation, intraosseous route, primary and secondary evaluation

What changes in your practice would you like to make?

ABCDE
Do well ABCDE;EVAD. Do the primary assessment and the secondary assessment well
Change of way of doing things, always start with the ABCDE system
RAS
Lack of equipment and qualified personnel
Primary assessment, secondary assessment, initial management.
ABCDE evaluation, teamwork, keep calm before trauma.
Approach to emergency management, integrate TPC into emergency management courses.
ABCDE systematization, initial evaluation, secondary evaluation
RAS
Training of emergency workers, examination of patients with emergencies. Improve the management of TCEs
Locate yourself directly on the aircraft, minimize the trauma of the spine, ensure that the airways are clear.
Application of the PTC system, Banish usual practices and above all share the knowledge acquired with the PTC with colleagues
Always wear an ear collar after a trauma, establish the ABCDE system
My approach to trauma, reorganizing my department through its acquired skills
The management of the problem in this case and the application of the ABCDE system
Improve patient assessment, the way pregnant women are managed. The way in which traumatized children are cared for.