

Primary Trauma Care Foundation Samoa 2009

Report Apia Samoa August 2009

3 Day PTC Course

One Day Instructors Course 4th August

Two Day Training Course 5-6th August

Report compiled by Dr. Bryce Curran

The geography of Samoa and its Challenges.

Samoa is located just east of the international dateline and south of the equator. The population is about 200,000. There are ten islands in the group - the two larger islands of Upolu and Savaii and the adjacent islets of Manono, Apolima, Nuutele, Nuulua, Namua, Fanuatapu, Nuusafee, and Nuulopa.

Upolu is the most populated island with the capital of Apia located on the north coast. The national hospital of Samoa is the "Tupua Tamasese Meaole Hospital" (TTM Hospital) which is situated in Apia.

The less populated island of Savaii is reached by a one-hour ferry trip. A small triage hospital is located in Tuasivi and staffed by doctors on rotation from the main TTM Hospital. At present, Samoa has no air retrieval facility, and a rudimentary road ambulance service.

PTC in Samoa summary

A PTC course was last held in 2005. It was great to have the continuing support of previous instructors Tia Vaai (HOD Anaesthesia) and Stanley Dean (Hospital Manager) both Anaesthetists who attended the instructor course in 2005.

A one-day Instructors course was held initially followed by a two-day PTC course. This resulted in 9 new instructors for Samoa and 25 Samoan participants. The participants were a mixture of healthcare workers, fire service and community members. (See below). A fact in Samoa is that first responders may not be paramedic or healthcare workers.

Generous funding was provided from Aus AID via the Pacific Islands Project, with Lito de Silva of the Australian and New Zealand College of Surgeons assisting in a coordinating role. Aus AID also funded the purchase of an intubating manikin which was handed over to the NHS by Matt Anderson the Australian High Commissioner to Samoa in a ceremony at the conclusion of the PTC course. In attendance at this ceremony also was Dr. Stanley Dean GM for NHS Samoa who received the gift on behalf of hospital.

Full support for the current PTC course was offered from the Samoan Ministry of Health.

The purchase of Manikin and printing of course materials was organised by Wayne Morriss, transported from New Zealand by Dr Bryce Curran.



Samoa is currently facing some very acute medical challenges

The Road Switch

On September 7th Samoa is taking the controversial step to switch sides of the road for driving. Despite publicity and attempts to improve road markings, many locals feel that the switch is unnecessary and certainly dangerous. The switch has given added impetus for the local Samoan instructors to organise PTC courses prior to the switch. Plans are in place for two more 2-day courses to be held prior to the switch (One course in Apia and one course on the island of Savaii).

Influenza H1N1

At the time of the 3-day PTC course the constant threat of the swine flu pandemic was felt. Sadly Samoa's first swine flu death occurred during the PTC course at the National Hospital. As a consequence of this case, a number of the anaesthesia instructors were very busy in the ICU during the course, but to their credit the course ran smoothly despite this constant threat.

Facilities

The course was held in the Samoan Medical Association Room. Initial plans were to utilise an air-conditioned room but unfortunately this was not available due to its use as the swine flu ward!

A computer projector was available and thankfully the several power cuts that occurred did so at non-disruptive times.

Food and drinks provided from external caterers were excellent.

The course was held in a mixture of Samoan and English. The PTC slides have not yet been translated into Samoan and this task awaits a suitable volunteer?

The participants included a mixture of people from medical and non-medical backgrounds. We did our best to adapt the course content as appropriate to the audience. An effort was made to explain all medical terminology.

Media Exposure and Publicity

A newspaper article appeared in the Samoan Observer on 13th August entitled “Training Boosts Trauma Care” This was an accurate and empowering advertisement of the PTC vision. “But what is so good about this training has been the opportunity to allow Samoans to qualify as instructors in primary trauma care. This will save lives”

http://www.samoaoobserver.ws/index.php?option=com_content&view=article&id=11839:training-boosts&catid=57:health&Itemid=67

Samoan television reporters also interviewed Drs Loudeen Lam and Dr Bryce Curran on Wednesday Aug 5th.

MCQs

The shortened version of the MCQ test was presented before and after the 2 day course

Pretest:

Total number of participants =31

Total number > 50% = 14

Total number <50% = 17

Posttest:

Total number of participants = 30

Total number >50 % = 30

Total number < 50 % = 0

Feedback

24 feedback forms were submitted

Comments:

Should be a PTC course for Savaii Island

Too much English Speaking

Simplify the medical terms

Translate into Samoan

More trainings, more frequently

Language too medical

Different course for medical vs non-medical people

Success and Relevance of Visit

It was very encouraging to see previously trained Samoan PTC instructors rally and organise a very successful PTC workshop. With instructors trained from both the 2005 and 2009 courses Samoa now has a strong team of talented and very capable PTC instructors.

The mixture of participants on the PTC course itself was very appropriate to the geography and resources available within Samoa. Some adaptation was made to the course to allow for non-healthcare workers to still benefit from the teaching. Avoidance or explanation of medical terminology in Samoan language helped. Discussion groups included brainstorming how to improve ambulance and transport in Samoa.

Plans for the future

PTC is firmly established in Samoa with a strong team of PTC Instructors available. Two further PTC two-day courses are planned in the very near future, hopefully before the road switch. This will be a wonderful opportunity for the new Instructors to consolidate their newly acquired skills. A course in Savaii should take priority.

It would be great to see a commitment to at least annual PTC workshops. There is now an appreciation that in Samoa, to take PTC fully to the roadside it is necessary to train Fire, Police and Rural Nurse providers. The current course has shown that this can be successful. Translating the slides and manuals into Samoan would also aid this process.

PTC Instructors' Course, Apia Samoa

Tuesday 4 August

Visiting Instructors

Dr. Bryce Curran	Anaesthesia, Christchurch, NZ
Dr Sam Yockopua	A&E, Port Moresby, PNG
Dr. Dyxon Hansell	Surgery, Suva Fiji

Local Instructors

Dr. Loudeen Lam	Surgery, Apia, Samoa
Dr. Pesamino Une	Anaesthesia, Apia, Samoa

Participants

1. Dr. Mika Ah Kuoi	Registrar A&E
2. Dr. Pai Enosa	Registrar A&E
3. Dr. Toloa Enosa	Senior Registrar Surgery
4. Dr Petueli Emose	Registrar Surgery
5. Dr. Sione Pifeleti	Registrar Surgery
6. Dr. Aiga Sesega	Registrar Paediatrics
7. Dr. Lamour Hansell	Senior Registrar Anaesthesia
8. Dr. Dina Tuitama	Registrar Anaesthesia
9. Dr. Teariki Puni	Registrar O&G
10.	

Observers

11. Kapuana Ainuu	OUM Medicval Student
12. Emmanuel Chan Chui	OUM Medical Student

PTC Instructors Course Timetable

Session 1: Introduction and Teaching Basics

0830-0840	10 mins	Introduction	Bryce
0840-0855	15 mins	PTC in Samoa	Loudeen
0855-0910	15 mins	How adults learn	Pesa
0910-0925	15 mins	Asking questions	Dyxon
0925-0945	20 mins	Feedback	Bryce
<i>0945-1015</i>	<i>Break</i>		

Session 2: How to Give Presentations/ Discussion Groups and Workshops

1015-1035	20 mins	General introduction	Loudeen
1035-1055	20 mins	Giving a lecture	Pesa
1055-1115	20 mins	Running a discussion group	Dyxon
1115-1215	60 mins	Workshops <ul style="list-style-type: none">• Lecture• Discussion group Divide into two groups, 30 mins each workshop	

1215-1315 *Lunch*

Session 3: How to Teach a Skill / Running Scenarios and Workshops

1315-1335	20 mins	Teaching a skill	Loudeen
1335-1400	25 mins	Running a scenario	Sam
1400-1500	60 mins	Workshops <ul style="list-style-type: none">• Skill• Scenario	

1500-1530 *Break*

Session 4: How to Run a PTC Course

1530-1700	90 mins	Discussion of issues <ul style="list-style-type: none">• Language• Personnel• Equipment• Paperwork Planning for 2-day course	All
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PTC 2 day Course, Apia Samoa,

Wednesday August 5th & Thursday August 6th



Two Day PTC Course Instructors

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|------------------------|-------------------------------|
| 1. Dr. Bryce Curran | Anaesthesia, Christchurch, NZ |
| 2. Dr Sam Yokopua | A&E, Port Moresby, PNG |
| 3. Dr. Dyxon Hansell | Surgery, Suva Fiji |
| 4. Dr. Loudeen Lam | Surgery, Apia, Samoa |
| 5. Dr. Pesamino Une | Anaesthesia, Apia, Samoa |
| 6. Dr. Mika Ah Kuoi | Registrar A&E |
| 7. Dr. Pai Enosa | Registrar A&E |
| 8. Dr. Toloa Enosa | Senior Registrar Surgery |
| 9. Dr Petueli Emose | Registrar Surgery |
| 10. Dr. Sione Pifeleti | Registrar Surgery |
| 11. Dr. Aiga Sesega | Registrar Paediatrics |
| 12. Dr. Lamour Hansell | Senior Registrar Anaesthesia |
| 13. Dr. Dina Tuitama | Registrar Anaesthesia |
| 14. Dr. Teariki Puni | Registrar O&G |

Two Day PTC Course Participants

1. Laupama Maiava	FESA (Ministry of Fire & Emergency Service)
2. Matua Esau Lotu	FESA
3. Steven Williams	FESA (Australian Volunteer)
4. Kemma Solia	Police
5. Tapelu Tapelu	Police
6. Ione Tavai	Police
7. Lanuola AhCheung	Police
8. Lamepa Motootua	Police
9. Alofa Falaniko	EPC (Electric Power Corporation)
10. Shinn Ete	EPC
11. Filomena Nelson	Disaster Management Office
12. Senetenari Makisua	MESC (Ministry of Education - Sports)
13. Tuua Tamala	MESC
14. Taateo Lavea	MESC
15. Ivanhoe Patu	Private Sector-Paramedical Assistance Trainer
16. Lupeautino Luamanu	TTMH
17. Shaun Mauiliu	TTMH
18. Aleki Fuimaono	TTMH
19. Nelle Fautua	MT2H
20. Lapa Potoi Tofilau	SRC (Samoa Red Cross)
21. Tasi Young	SRC
22. Sefo Folau	SRC
23. Kosetatino Manase	SRC
24. Kapuana Ainuu	OUM Medical Student
25. Emmanuel ChanChui	OUM Medical Student
26. Julia Lubig	University Of Regensburg Elective Medical Student
27. Johannew Sleinmann	University Of Regensburg Elective Medical Student

Two Day PTC Course Timetable

DAY 1 Wednesday 5th August

Opening Ceremony

0800-0830	Guests Seated	
0830-0840	Opening Prayer	Dr. Pesamino Une
0840-0850	Chief Guest Address	Dr. Stanley Dean GM
0850-0900	PTC Introduction	Dr. Bryce Curran

PTC Course

0900-0915	Regional Trauma Perspective	Loudeen
0915-0930	MCQs	Dyxon
0930-1000	ABCDE, Primary Survey	Mika
<i>1000-1030</i>	<i>Morning tea</i>	
1030-1100	Airway and Breathing	Dina
1100-1130	Circulation	Pai
1130-1230	Skill Stations	Toloa/Pesa
	Airway 1	Dina/Bryce
	Airway 2	Petu/Sam
	Cervical Spine	Sione/Dyxon
	Chest decompression	
<i>1230-1330</i>	<i>Lunch</i>	
1330-1400	Demonstration Scenarios	All
1400-1515	Scenarios (four)	All
<i>1515-1530</i>	<i>Afternoon Tea</i>	
1530-1600	Secondary survey	Toloa
1600-1630	Chest Trauma	Aiga
1630-1645	Day 1 Summary	Loudeen

