



REPORT ON
Primary Trauma Care Course,
Post Graduate Medical Institute, Quetta, Pakistan
July 29th to 31st 2005

Executive summary

- A team of PTC (Sindh) instructors from Karachi went to Quetta, to conduct Primary Trauma Care 3 days Instructors course.
- A preliminary meeting amongst the PTC Sindh instructors took place in Prof. Jooma's office prior to this course to discuss strategy for the course.
- The local coordinator of the course, Professor Arbab Ghulam Rasool, The director of the PGMI, Quetta, had selected 24 participants, consisting of surgeons and anesthetists to follow the course, and to decide about the implementation of PTC in the Balochistan province.
- A two-day PTC founding course, followed by a one-day instructors' course were run.
- A presentation about trauma in developing countries and Primary Trauma Care was organized to introduce the concept to key health officials and was attended by the Chief Secretary and Additional Health Secretary of the province.

Purpose of the visit:

To visit Quetta in the Balochistan province of Pakistan to teach a PTC founding course and an instructors' course to senior surgeons of two major teaching hospitals, to discuss the establishment of an ongoing PTC program in the Balochistan province and to assist in forming a PTC founding committee to implement such a program.

Background:

This course was the result of the ongoing efforts of PTC Sindh to take this activity to a national level. Preliminary discussion took place between Prof. Rashid Jooma and Professor Arbab Ghulam Rasool realizing the need for improved trauma management in the province of Balochistan. Following this, a team travelled to Quetta to teach the course as described below.

Key staff involved in planning and co-ordinating

• **Local:**

Prof. Arbab has been the initiator of PTC in Quetta. He approached Prof. Jooma for assistance and selected the venue and participants. Prof. Buzdar, Professor Panezai, Dr Aslam Baloch and Dr Alla-uddin of Bolan Medical College and PGMI were actively involved in the course.

• **From Sindh:**

Prof. Rashid Jooma, Dr Shariq Ali and PTC Quetta faculty did most of the groundwork. Prof. Jooma secured the funds for the flights and organised accommodation for instructors. Dr. Shariq Ali was the Director of the course and devised the technical strategy and execution of the course with the support of the instructors listed below

Dr Saeed Minhas

Dr Sabina Shibli

Dr Talat Nur

Dr Nur-ul-Haq

Overall Timetable

Friday 29th July, 2005

Arrival of faculty in Quetta Introduction of PTC to key health officials and PTC foundation course day 1 in PGMI, Quetta.

Saturday 30th July, 2005

PTC foundation course day 2 in PGMI, Quetta

Sunday 31st July, 2005

PTC instructors' course and flight to Karachi.

(Please see the program below)

PRIMARY TRAUMA CARE
Post Graduate Medical Institute, Quetta
July 29, 30, & 31 2005

3 Days PTC Instructors Course

Day 1 - July 29, 2005

TIME	TOPIC	INSTRUCTOR
10:30 a.m.	Bismillah	Dr Arshad
10:30 to 10:45 a.m.	Opening Remarks	Mr Rind, Chief Secretary, Balochistan
10:45 to 11:05 a.m.	Faculty Introduction & PTC in Pakistan	Prof. Rashid Jooma
11:05 to 11:25 a.m.	Local Trauma Perspective	Professor Arbab Ghulam Rasool
11:25 to 11:45 a.m.	ABCDE of Trauma and Primary Survey	Dr. Shariq Ali
11:45 to 12:00 Noon	Demo. Scenario and Q&A	Dr. Shariq, Dr. Saeed, Dr Talat
12:00 to 12:15 p.m.	TEA BREAK	
12:15 to 12:45 p.m.	Airway and Breathing	Dr. Sabina Shibli
12:45 to 1:05 p.m.	Circulation & shock	Dr. Nur-ul-Haq
1:05 to 2:00 p.m.	LUNCH BREAK and JUMA PRAYERS	
2:00 to 3:20 p.m.	SKILLS STATION	
	1. Basic Airway	Dr. Nur-ul-Haq
	2. Advanced Airway	Dr. Sabina
	3. Radiology of C- Spine	Dr Shariq
	4. C-Spine control and Log Roll	Dr. Dr Talat /Dr Saeed
3:20 to 3:40 p.m.	Secondary Survey	Dr Talat Nur
3:40 to 4:30 p.m.	Primary Survey Scenarios	PTC Team
4:30 to 4:45 p.m.	Chest Injuries	Dr. Saeed Minhas
4:45 to 5:00 p.m.	Overview and Summary	Drs. R. Jooma / Dr. Shariq Ali

Day 2 - July 30, 2005

TIME	TOPIC	INSTRUCTOR
8:30 a.m. to 9:00 a.m.	Burns	Dr. Shariq Ali
9:00 a.m. to 9:15 a.m.	Abdominal injuries	Dr. Talat Nur

9:15 a.m. to 9:35 a.m.	Limb injuries	Dr Saeed Minhas
9:35 a.m. to 10:00 a.m.	Head and Spinal Injuries	Prof. Rashid Jooma
10:00 a.m. to 10:15 a.m.	TEA BREAK	
10:15 a.m. to 10:45 a.m.	Disaster management	Prof. Jooma / Dr Shariq
10:45 a.m. to 12:15 p.m.	Workshops	
	Analgesia	Dr. Sabina Shibli
	Transportation	Dr. Shariq Ali
	Paediatrics	Dr Saeed Minhas/ Dr Talat
	Neurological Assessment	Dr Nur-ul-Haq
12:15 a.m. to 12:45 p.m.	LUNCH BREAK	
12:45 p.m. to 1:15 p.m.	Paediatrics and Obstetrics	Dr. Saeed Minhas
1:15 p.m. to 2:00 p.m.	SKILLS STATIONS Recovery Position	Dr. Sabina/ Dr Shariq
	Chest Drain	Drs. Talat / Dr Saeed
2:00 p.m. to 2:30 p.m.	MCQ's	
2:30 p.m. to 3:15 p.m.	Secondary Survey Scenarios	PTC Team
3:15 p.m. to 3:30 p.m.	Summary and evaluation	Prof. R. Jooma/ Dr Shariq Ali

Day 3 - July 31, 2005		
TIME	TOPIC	INSTRUCTOR
8:30 to 8: 35a.m.	Introduction	Prof. Jooma/ Dr.Shariq
8:35 to 8:50 a.m.	How adults Learn	Dr. Shariq Ali
8:50 to 9:05 a.m.	Asking Questions	Dr. Saeed Minhas
905 to 9:20 a.m.	Feedback	Dr Sabina
9:20 to 9:40 a.m.	How to Give a PTC Presentation	Dr. Shariq Ali
9:40 to 10:00 a.m.	TEA BREAK	
10:00 to 10:15 a.m.	Disussion Group	Dr Shariq Ali
10:15 to 10:30 a.m.	Teaching a Skill	Dr Nur-ul-Haq
10:30 to 10:45a.m.	Scenario	Dr Shariq Ali

WORKSHOPS		
10:45 to 11:45 a.m.	Discussion Group/Lectures	Dr. Shariq Ali/Dr Saeed Minhas
	Teaching a Skill	Dr. Sabina Shibli/ Dr Nur-ul-Haq
	Scenario	Dr Talat
11:45 to 12:00 Noon	Future vision, Meeting for PTC Balochistan	Hosts and Participants
Certificate Distribution Ceremony and Close		

Course Participants:

Twenty four senior doctors attended the three days of the Foundation PTC course and instructors' course with great enthusiasm. They were neurosurgeons: general surgeons, orthopaedic surgeons and anaesthetists. These had been selected by the local organizers. The names of the participants are listed below. All attended the three days of the course and elected a PTC Balochistan founding committee amongst themselves at the end of the instructors' course. Dr Aslam Baloch was selected to be the head of the PTC Balochistan committee.

S. NO	NAMES OF PARTICIPANTS
1	DR. M. HALEEM TAJ
2	DR. SYED SALEEM SHAH
3	DR. M. AZAM MENGAL
4	DR. AYAZ KHAN
5	DR. NASEER BALOCH
6	DR. M. IQBAL
7	DR. ZAFAR ULLAH BABAR
8	DR. NASEEB ULLAH ZARKOON
9	DR. MANSOOR ILYAS
10	DR. M. RAMZAN KAKAR
11	DR. IFTIKHAR-UL-HAQ
12	DR. MAZAR KHAN BALOCH
13	DR. FAIZ TAREEN
14	DR. SHEER M. KHAN
15	DR. RAUF
16	DR. HAMEEDULLAH BUZDAR
17	DR. AMIR M. PANEZAI
18	DR. NAQEEB ULLAH ACHAKZAI
19	DR. SHABBIR LEHRI
20	DR. M. GULL
21	DR. ALLAUDDIN

22	DR. ASLAM BALOCH
23	DR. BAHRAM KAKAR
24	PROF. ARBAB GHULAM RASOOL

Contents and venue of the Foundation Primary Trauma Care Course:

The subjects which were presented during the founding PTC course are outlined in the attached program. Course content was similar to what is advised in the PTC manual. The instructors used different styles of lecturing and different audiovisual aids, like PowerPoint, whiteboard and group discussion.

The venue in PGMI was a comfortable, air-conditioned lecture hall, with excellent audiovisual aids like a digital projector, a whiteboard and a microphone. The hall was large enough to accommodate twenty or more people. Besides, we could make use of several spaces on the same floor for scenarios and workshops.

During and after the course

The course was closed by Prof. Jooma and Professor Arbab, who thanked all the participants for their hard work and dedication. They thanked the faculty for their assistance in founding PTC in Balochistan province. Following that the certificates were handed to the participants by Prof. Jooma. During the social evenings and dinners throughout the course, we received several very enthusiastic remarks, and the general feeling amongst the participants was that PTC is a very good concept which deserves implementation throughout the Balochistan province.

Instructor course, Sunday 31st July, 2005:

Following the 2 day PTC course, all the participants proceeded to take part in the PTC instructor course, which was Directed by Dr Shariq Ali. This used the recently finalised PTC instructor materials and a programme based on that in the Instructor manual, with presentations in the morning by Prof Jooma, Dr Shariq Ali, Dr Saeed Minhas, Dr Sabina and Dr Nur-ul-Haq on Adult Learning, Feedback and Questioning, Language Issues as well as the various teaching and presentation styles. Following this the course split into four groups and did practical sessions on giving a lecture, teaching a skill and leading a discussion group. The day finished with a feedback session and then a discussion on the practicalities of running further courses, during which an executive committee from among the Foundation Faculty was established.

Notes on delivery of the Courses and lessons learnt:

- The doctors who attended the PTC course were of a high calibre and will take PTC forward in the Balochistan province. In the future it may be worthwhile exploring possibilities of collaboration between Sindh and Balochistan instructors in certain courses.
- It would be advisable to train a number of Instructors from Bolan Medical College during the next PTC course.
- Different presentation styles were used during the Foundation course and instructor day to provide modelling for future courses, many of which will be taught in locations without complex AV equipment.

Evaluation of the success and relevance of the visit:

Remarks made by the participants on the evaluation forms and during the evaluation session can be found below. In general the course was much appreciated, however, as with most PTC courses, the participants would value more time for skills stations and practicing scenarios.

**COMMENTS OF PTC COURSE – PGMI QUETTA
JULY 29, 30 & 31, 2005**

WHAT WAS THE BEST PART OF THE COURSE?

1. More skill stations workshops.
2. Disaster management.
3. Discussion group
4. Scenarios practice day 2.
5. Skill station / discussion group
6. Group discussion.
7. Workshops & scenarios & approach to it.
8. Discussion stations.
9. Scenarios.
10. Demonstration – scenarios practice – first day.

WHAT WOULD YOU SUGGEST TO CHANGE?

1. Should be repeated at least once a year if possible.
2. More lectures.
3. During scenario practice to involve almost every participant.
4. More time for skill stations & discussion instead of lectures.
5. To allocate more time to skills station and practical application.
6. To add videos of real scene and hospitalized way of treatment then videos of systematic way of handling and treatment.
7. More workshops rather than lectures. Group discussions should be more.
8. The skill stations further need improvement.
9. Less common life threatening emergencies should also be included in the course, like electric burns or chemical burns.
10. How and what to teach paramedics in District Hospitals should be part of the instructor course, as not many doctors are available at DHQ level and those available utilize paramedics for patient management.
11. This is beginning. I wish to continue these things off & on.
12. All part was best. To be continued in future and more detail.

Multiple Choice Questions:

At the end of the PTC course the participants were asked to fill in the MCQ's, which appear in the instructor's manual. Self-scoring was advised for these motivational MCQs.

Teaching materials provided:

Each member of the Foundation Course were presented with a copy of PTC provider and instructor manual, these having been generously provided by sponsor arranged by Prof. Jooma.

One set of the PTC master slides have been left with the PTC founding committee. Although the OHP's were not used in teaching the course, the instructors were encouraged to use OHP's as well, since the District hospitals will often not have facilities for PowerPoint.

Acknowledgements:

Once again, the first and greatest acknowledgement is to Prof Rashid Jooma who undertook to arrange the sponsorship for the costs of the course and is keen to support further development of the PTC program in Pakistan and in the region. Most local arrangements were done by Prof. Arbab who did an outstanding job to make this course a success. We would like to thank him for his excellent arrangements, and his great hospitality. We also would like to thank Dr Aslam Baloch, Dr Panezai, Professor Buzdar and Dr Allauddin for their hospitality. We would like to express our gratitude to the staff of PGMI Quetta for the catering and also for audiovisual and logistic support. I am also thankful to Mr Murad Bana for his assistance in record keeping and secretarial matters of PTC Sindh.

Finally I would like to thank my fellow instructors Dr Saeed Minhas, Dr Sabina Shibli, Dr Nur-ul-Haq and Dr Talat Nur for making all the necessary arrangements and for their invaluable input during the course. The course would not have been such a success if it were not for them.

Dr Shariq Ali FRCS
Director PTC Sindh
Asst. Dean and Consultant Plastic Surgeon
Ziauddin Medical University,
Karachi