

# PRIMARY TRAUMA CARE COURSE

## JPMC KARACHI PAKISTAN 24<sup>th</sup> & 25<sup>th</sup> JUNE 2011



### Executive Summary:

- A 7 member team of PTC instructors from JPMC Karachi
- 28 participants, consisting of 5 senior doctors, 12 junior doctors and 11 final year medical students from Karachi, Hyderabad and Saudi Arabia were selected for the course.
- A two-day PTC course was run with participants evaluation test.

### Course Instructors:

Dr Saeed Minhas Orthopaedic Surgeon Course Director  
Prof Rashid Jooma Neuro Spinal Surgeon  
Dr Kashif Orthopaedic surgeon  
Dr Sherren General Surgeon  
Dr Irfan Educationist & Instructor ACLS/ BCLS workshops.  
Dr Mujtaba Shah General Surgeon  
Dr Khuram A&E specialist

### Purpose of the Course:

- To introduce and teach the concepts and principles of PTC
- To identify members who would be suitable to join the team of instructors.

### Background:

- ❖ Every effort was made to learn from the experience of the previous courses and to maintain the appropriateness of this trauma course.
- ❖ All participants were registered one week before the course and every one was given manual to come prepared on first day of course.
- ❖ Special Performa is designed to register and evaluate the participant and to keep as record. (Copy attached).
- ❖ All the participants attempted MCQ at the start of the course and at the end of course. Paper saving was done; no one was allowed to mark on question papers, as to use it again.
- ❖ Answer sheet was provided to each with roll numbers, and same sheet was used for pre & post course attempt.
- ❖ Course was interactive and focused to clinical traumatology, ABCDE of resuscitation and as per principals of Primary trauma care.

- ❖ The format and contents of the lectures, trauma scenarios, small group discussions and the skill stations were kept realistic with the appropriate models and equipments.

### **Support involved in the Course:**

Department of Orthopaedic Surgery JPMC organized the trauma course. Auditorium, IT support and digital imaging facilities were provided by the Jinnah Post Graduate medical Centre.

Meals, refreshments and Tea were sponsored by different supporting organizations. Manikins and all the equipment used are now property of PTC Sind, acquired by donations by different organizations.

Manuals and other printed material including MCQs, Evaluation forms, Certificates, registration slips etc were arranged by Orthopaedic department JPMC. Their role was most crucial and without their organizational skills, the program would not have



materialized.

### **Venue and Contents of the Primary Trauma Care Course:**

The venue in Jinnah Post Graduate medical centre was comfortable, air-conditioned lecture halls with excellent audiovisual aids like a digital projector with a cordless microphone, white board and flip charts available. The halls were large enough to accommodate all the participants. One hall was used for lectures and other hall was used for skill stations, scenarios and group discussions. Second hall was arranged with four stations with equipment and facilities like board, flip chart and used for exercises. Course content was similar to what is advised in the PTC manual. The instructors used different styles of lecturing.

Tea and food were served outside in lobby attaching two halls. . There were no ceremonies or rituals and time was fully utilized for learning with strict attendance & punctuality. During course Dean of JPMC Prof Ghulam Mehboob and President Elect Pakistan Orthopaedic association Prof Anees Bhatti visited and observed the course stations.

Skill stations included basic and advanced airway management. Chest tube insertion, helmet removal, cervical collar application, safe transport, fracture stabilization, oxygen delivery, CPR, pediatric skills and pelvic sling application.

Participants also appreciated the station of reading trauma x-rays of Spine, chest & pelvis followed by an exercise to read the trauma x-rays in methodical way. Lectures included airways, circulation, burns etc. Head, spine, limb, chest, abdomen trauma were covered. There was an interactive sessions on Triage management during disasters and an exercise drill was done with participants.



**Notes on delivery of the Course and lessons learnt:**

We showed excellent time management. The participants and faculty were punctual and stuck to time. The level of enthusiasm was very high on both sides. Every one enjoyed the course thoroughly. Certificate presentation was done at the end of course. As the course director I felt that despite the good feedback and applause there was still scope for improvement.

**Good about course:**

- Interaction
- Skill stations
- Scenario
- Friendly atmosphere
- Good team
- MCQs
- PTC Manual before course
- Triage Exercise
- Air-conditioned environment
- Lunch
- PTC Shirts to boys

**To Improve:**

- More time for Skill and scenarios
- Videos
- More practical sessions

**Evaluation of the success and relevance of the course:**

Remarks made by the participants on the evaluation forms and during the evaluation session have been put in record. 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.

1. More hands on
2. More Scenarios

### 3. Visit/ working of A&E



### 5.Hands on CPR

#### **Results of MCQ tests:**

PRE COURSE SCORE: lowest 12, Highest 22, Average score 17.5 / 30

POST COURSE SCORE: Lowest 20, Highest 28, Average Score 25 / 30

**Well done PTC faculty**

Dr Saeed Minhas Course Director

PTC course JPMC Karachi Pakistan 24<sup>th</sup> & 25<sup>th</sup> June 2011.