



**The International Trauma
Anaesthesia and Critical Care
Society's
8th International
Chief Emergency Physician Course**

on

*Command Incident Management and
Mass Casualty Disasters*



8th International Chief Emergency Physician Course

21th – 25th August 2006

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ICEP Course

Objectives

- History of the ICEP Course
- Curriculum of ICEP



The History of the CEP course



Ramstein Airbase disaster in 1988

- Three fighter jets of the Italian airforce precision team Frecci Tricolori collided Sunday August 28, 1988 at an air show.
- 4 first aid tents
- Most of the activity was rather improvised and no one had a true picture of the actual situation
- over 300 injured





The History of the CEP course

- 120 patients taken to, nearby well equipped American military hospital at Landstuhl,
 - advanced surgery in the emergency department (tracheostomy, amputations etc)
 - 60, all German citizens, transferred within 24 hours to other hospitals.
 - 20 US mil personnel admitted
 - 40 patients discharged same day.
- 70 patients to Landstuhl civilian hospital (406 beds).
 - Sorted in the ambulance bay. Seriously injured were taken care of by an anaesthetist and a nurse.
 - 50 stayed
 - 10 severe burns transported to Ludwigshafen.



The History of the CEP course

- Ludwigshafen trauma centre hospital
 - 30 patients with burns of which 28 arrived within five hours of the accident.
 - Four patients died during the first hour.
- Kaiserslautern trauma and thorax surgery.
 - 98 patients from the accident
 - 42 had to stay.
- 29 August medical team from San Antonio
 - 4 patients with severe burns to Brooke Army Medical Centre.
- Over 400 casualties, total dead 69



The History of the CEP course

- As response to Ramstein Disaster Germany rediscovered forward triage and treatment to:
 - Provide life saving first Aid at earliest opportunity
 - Prevent hospitals being overrun
 - Control casualty distribution
- Developed system which involved medical Expertise forward in a advisory role to Fire Service (which runs EMS)



The History of the CEP course

- Notartz – Pre-Hospital Emergency doctor working with Fuerwher who run the EMS
 - Called out for incidents involving multiple casualties
- “Leitender Notarzt – LNS” – Chief Emergency Physician role developed to deal with mass casualty situations
- The German National courses developed by Professor W. Dick, M. Lipp, A. Thierbach at Mainz



ICEP Course

- First International CEP-course in 1997
 - Held in Mainz concurrently with the German CEP course
 - Based on the national German courses
- International Trauma Anaesthesia and Critical Care Society – ITACCS
 - Recognised benefit to spread concept internationally
 - Philanthropic relationship
 - Now formally a course of ITACCS



ICEP Course

Guidelines for education and training in:
Chapter: Education and Training
Handbook of Disaster Medicine
International Society of Disaster Medicine 2000

A good text for this course

Hogan DE, Burstein JL. "Disaster Medicine"



ICEP Course

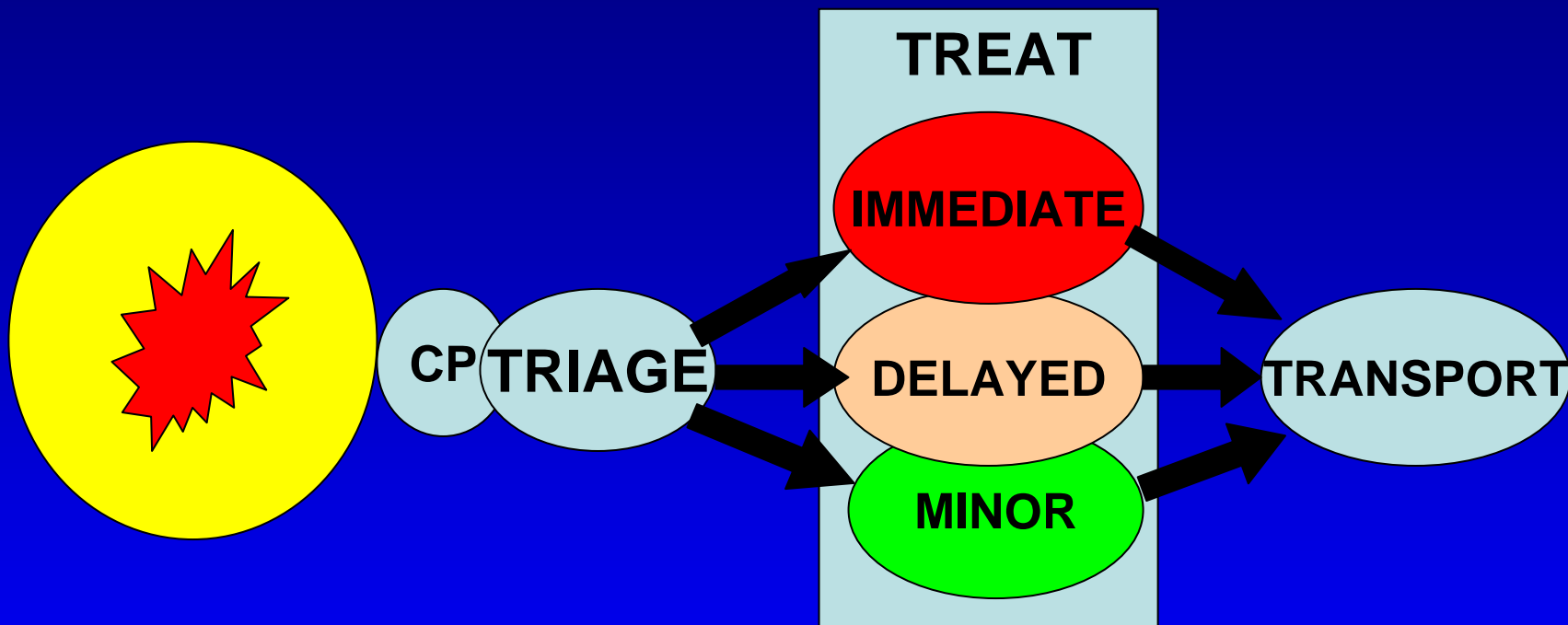


Curriculum

- 40 hours intensive course
- 5 days: 08-18
- Lectures – interactive
- Exercises, Training and Table top discussions
- Demonstrations
- Full scale Disaster Exercises



Basic Paradigm





ICEP Course



The Faculty

- An International faculty
- Chief Emergency Physicians and other experts
- Multidisciplinary
- Invited from course graduates



ICEP Course



Participants

- 20+ Emergency Medicine physicians
- For this course we have included some special forces personnel and some medical students.



ICEP Course



Lectures – interactive

- CEP: Duties and responsibility
- Multiple casualty situations
- Triage
- Evacuation and long range transport
- Command and control – medical tactics
- Scene safety, personal protection and equipment
- Communication (devices and techniques)



ICEP Course



Lectures – interactive

- Planning for mass gatherings
- VIP – protection
- Hostage – situation, counter terrorism
- HazMat: Bio threats and chemical warfare
- Media management
- Lessons learned...



ICEP Course



Training

- Case discussions and table top discussions (TTXs)
- Try the personal protection equipment
- In field triage training
- Radio communication exercises
- Press release and press conference
- Demonstrations
- Exercises



ICEP Course



Summarize

- Limited number of participants
- High ratio faculty to students (1:5)
- International forum
- Multidisciplinary
- International exchange of experiences
- Standard – certification
- Theory-practice-full scale
- NETWORKING



Evaluation

- Formal MCQs
- Mainly by observation of performance
 - TTXs
 - Field Exercises
 - General conversation
- The certificate is that the faculty are prepared to say you understand the ICEP role.



Certification

Two levels

- A. Emergency Physician who has completed the International Chief Emergency Physician course and understands the concepts of the medical management of a mass casualty incident.
- B. Attended the International Chief Emergency Physician course at which the principles of medical management of a mass casualty incident were taught