CONFLICT AND CATASTROPHE MEDICINE COURSE 2019

Provisional Timetable

This 12-month part-time course is designed to fulfil the requirements for admission to the examination for the Diploma in the Medical Care of Catastrophes (DMCC)

The course is taught on Saturdays (usually one Saturday in each month) at the Hall of the Society of Apothecaries in Blackfriars, London. The dates given in this timetable are those on which the course will run. The topics are provisionally allocated to these dates, but the final timetable is likely to differ due to availability of lecturers.

N.B. We always try to follow the published timetable during the year as far as is possible. However most of those who lecture on the course are active workers in humanitarian aid or are serving members of the armed forces. They may be posted abroad at short notice and this will lead to changes in the timetable. We will endeavour to inform the members of the course by email when this occurs, but nevertheless you are advised to check the timetable at regular intervals to ensure you are aware of any changes that may have been made.

There are refreshment breaks of 15 minutes during the morning and the afternoon teaching sessions. The lunch break is normally one hour but may be shortened slightly due to time pressures. (On a few special occasions lunch may be provided, but normally you will need to provide your own. There are many shops near the Hall where food can be obtained).

The syllabus for the course can be found on this website. It is divided into six sections and it should be noted that the material included in most of the teaching sessions will be drawn from more than one of the sections.

Teaching sessions will be held on the following Saturdays from January to December 2019 at Apothecaries’ Hall, Blackfriars Lane, London EC4

![Map of Apothecaries’ Hall, Blackfriars Lane, London EC4](image)

The closest Underground stations are Blackfriars & St Pauls, The nearest overland stations are City Thameslink and Blackfriars
<table>
<thead>
<tr>
<th>Time</th>
<th>Subject</th>
<th>Section(s)</th>
<th>Staff</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>12th January</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>09.30 – 10.15</td>
<td>What is the purpose of conflict and catastrophe medicine? Introduction to the Course and some Basic Definitions</td>
<td>All</td>
<td>Tim Healing</td>
</tr>
<tr>
<td>10.15 – 11.00</td>
<td>Introduction to Sphere</td>
<td>2</td>
<td>Ken Roberts</td>
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<tr>
<td>11.15 - 12.00</td>
<td>Needs Assessment</td>
<td>1</td>
<td>Aroop Mozumder</td>
</tr>
<tr>
<td>12.00 – 12.45</td>
<td>Civil Engineering, Communications, Logistics</td>
<td>2, 6</td>
<td>Ken Roberts</td>
</tr>
<tr>
<td>13.30 – 15.45</td>
<td>Principles of Disaster Planning</td>
<td>1 - 6</td>
<td>Ken Roberts</td>
</tr>
<tr>
<td><strong>9th February</strong></td>
<td></td>
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<tr>
<td>09.30 - 11.00</td>
<td>Disease and disasters Risks, Epidemiology, Surveillance &amp; Control</td>
<td>1, 3</td>
<td>Tim Healing</td>
</tr>
<tr>
<td>11.15 – 12.00</td>
<td>Risk and Risk Assessment</td>
<td>1, 5</td>
<td>Ken Roberts</td>
</tr>
<tr>
<td>12.00 - 12.30</td>
<td>Serving People: Ethics and Risk Communication in Disasters</td>
<td>1, 5</td>
<td>Richard Williams</td>
</tr>
<tr>
<td>13.30 - 15.30</td>
<td>Psychosocial Care in Disasters and Adversity: Dealing with the Demons Provoked by Emergencies, Disasters, Major Incidents &amp; Terrorism</td>
<td>4</td>
<td>Richard Williams</td>
</tr>
<tr>
<td>15.30 - 15.45</td>
<td>Introduction to the DMCC exams</td>
<td>-</td>
<td>Richard Williams</td>
</tr>
<tr>
<td><strong>9th March</strong></td>
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<tr>
<td>09.30 - 10.30</td>
<td>Disasters and the urban environment</td>
<td>1, 5</td>
<td>Tim Healing</td>
</tr>
<tr>
<td>10.45 - 11.45</td>
<td>Team Health</td>
<td>6</td>
<td>David Ross</td>
</tr>
<tr>
<td>11.45 - 12.45</td>
<td>In Harm’s Way: The Psychosocial Care Required by Responders &amp; Humanitarian Aid Workers Require Before, During &amp; After Missions</td>
<td>6</td>
<td>Richard Williams</td>
</tr>
<tr>
<td>13.45 - 16.00</td>
<td>Team Selection, leadership training, tactics and security</td>
<td>6</td>
<td>Ken Roberts</td>
</tr>
<tr>
<td>Time</td>
<td>Session</td>
<td>Speaker(s)</td>
<td></td>
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<td>------------</td>
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</tbody>
</table>
| 09.30 – 10.30 (approx) | Legal and Ethical Issues in Conflict Situations  
Introduction: Geneva Conventions. Prisoners of War & detainees in conflict  
Ethical Problems in conflict – Small group discussion of set problems followed by plenary session | Louis Lillywhite (& Red Cross lawyer) |
| 10.45 – 12.45 (approx) | Legal and Ethical Issues in Non-International Armed Conflict and Disasters  
Humanitarian principles. Legal aspects of non-conflicts. Detainees (Legal)  
Detainees (Medical)  
Ethical problems – Small group discussion of set problems followed by plenary session | Louis Lillywhite (& Red Cross lawyer) |
| 13.30 - 14.30 | Industrial hazards, chemical, biological, nuclear and explosive (CBRNE) | Ken Roberts |
| 14.45 - 15.45 | Clinical effects of hazardous chemicals and nuclear radiation | Aroop Mozumder |
| 09.30 - 10.30 | Vector Borne Diseases | Ken Roberts |
| Non-medical support to displaced populations | 10.30 - 11.15 Introduction and Vector Control | Ken Roberts |
| 11.15 - 12.00 | Camp – siting, sanitation and waste disposal | Chris Taylor |
| 12.00 - 12.45 | Provision of safe water supplies | Gareth Moore |
| Lunch break | Items of equipment for field use will be on display |  |
| 13.30 - 15.45 | Table top Exercise – Planning and team building | Ken Roberts  
Tim Healing  
Christina Dale |
## 11th May

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Room</th>
<th>Speaker</th>
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</thead>
<tbody>
<tr>
<td>09.30 - 10.30</td>
<td>The Psychosocial Impacts of Disasters, Major Incidents and Warfare on Children and Older People</td>
<td>3,5</td>
<td>Richard Williams</td>
</tr>
<tr>
<td>10.45 - 11.45</td>
<td>‘Maternal and child health during conflict and displacement: life goes on’</td>
<td>4</td>
<td>Marion Birch</td>
</tr>
<tr>
<td>11.45 - 12.45</td>
<td>Mass Gatherings, Implications for Public Health and Planning</td>
<td>4</td>
<td>Tim Healing</td>
</tr>
<tr>
<td>13.30 - 14.30</td>
<td>Gastrointestinal Disease and Disasters</td>
<td>4</td>
<td>Tim Healing</td>
</tr>
<tr>
<td>14.45 - 15.45</td>
<td>Case Study: From Relief to Development in Haiti</td>
<td>1-6</td>
<td>Ken Roberts</td>
</tr>
</tbody>
</table>

## 15th June

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Room</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>09.30 - 10.30</td>
<td>Nutrition</td>
<td>2</td>
<td>Kate Godden</td>
</tr>
<tr>
<td>10.45 - 11.45</td>
<td>Viral Haemorrhagic Fevers</td>
<td>3</td>
<td>Dan Burns</td>
</tr>
<tr>
<td>11.45 - 12.45</td>
<td>Poisonous animals and plants</td>
<td>4</td>
<td>Tim Healing</td>
</tr>
<tr>
<td>13.45 - 14.30</td>
<td>Some important diseases transmitted via the respiratory route</td>
<td>2 - 5</td>
<td>Tim Healing</td>
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<tr>
<td></td>
<td>(TB, Meningitis, Measles, Diphtheria)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>14.45 - 15.30</td>
<td>Pandemics (Includes Influenza)</td>
<td>3,5</td>
<td>Tim Healing</td>
</tr>
</tbody>
</table>

## 29th June

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Room</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>09.30 - 10.30</td>
<td>Health Care Priorities in a Refugee Camp</td>
<td>2 - 5</td>
<td>Aroop Mozumder</td>
</tr>
<tr>
<td>10.45 - 11.30</td>
<td>Post Emergency Phase – Priorities in Health Care</td>
<td>2,3</td>
<td>Aroop Mozumder</td>
</tr>
<tr>
<td>11.30 - 12.30</td>
<td>Lessons for Disaster Planning from the Health Impacts of Flooding &amp; Terrorist Events in the UK in 2017</td>
<td>4</td>
<td>Richard Williams</td>
</tr>
<tr>
<td>13.30 - 14.30</td>
<td>Paediatric Emergencies in Conflict and Austere Zones</td>
<td>5</td>
<td>David Ross</td>
</tr>
<tr>
<td>14.45 - 15.45</td>
<td>How People Behave in the Face of Mass Gatherings, Emergencies &amp; Disasters</td>
<td>4,5</td>
<td>Richard Williams</td>
</tr>
</tbody>
</table>
### 6th July

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Duration</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>09.30-10.30</td>
<td>Obstetrics in disasters</td>
<td>4</td>
<td>Brigid Hayden</td>
</tr>
<tr>
<td>10.45-12.00</td>
<td>Sexually transmitted infections including HIV/AIDS</td>
<td>3</td>
<td>Philippa Matthews</td>
</tr>
<tr>
<td>12.00-12.45</td>
<td>Dealing with the Dead in Disasters</td>
<td>3</td>
<td>Tim Healing</td>
</tr>
<tr>
<td>13.30-14.30</td>
<td>Aeromedical evacuation</td>
<td>4</td>
<td>David Bruce</td>
</tr>
<tr>
<td>14.45-15.45</td>
<td>Case study: The WHO influenza treatment project in Sierra Leone 2009-2010</td>
<td>3</td>
<td>Tim Healing</td>
</tr>
</tbody>
</table>

*Summer break*

### 7th September

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Duration</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>09.30 - 09.40</td>
<td>Welcome address</td>
<td>-</td>
<td>Master Apothecary</td>
</tr>
<tr>
<td>09.40 - 09.45</td>
<td>Information about the Course and the Exams</td>
<td>-</td>
<td>Tim Healing</td>
</tr>
<tr>
<td>09.45 - 10.45</td>
<td>Airway</td>
<td>4</td>
<td>Richard Williams</td>
</tr>
<tr>
<td>11.00 - 11.45</td>
<td>UN Peacekeeping</td>
<td></td>
<td>TBC</td>
</tr>
<tr>
<td>11.45 - 12.30</td>
<td>Presentations by representatives of humanitarian agencies</td>
<td>All</td>
<td>TBC</td>
</tr>
</tbody>
</table>

**Lunch break – meet the aid agency representatives**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Duration</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.50 - 15.50</td>
<td>How the Behaviour of Crowds Can Contribute to Crowd Safety’</td>
<td>4,5</td>
<td>John Drury</td>
</tr>
<tr>
<td>15.45 - 16.00</td>
<td>Summary and Closure</td>
<td>-</td>
<td>Richard Williams</td>
</tr>
</tbody>
</table>
### 5th October

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speakers</th>
</tr>
</thead>
<tbody>
<tr>
<td>09.30 – 10.00</td>
<td>Epidemiology of conflict &amp; disasters</td>
<td>1,2,4; Steve Mannion</td>
</tr>
<tr>
<td>10.00 – 10.30</td>
<td>Ballistics</td>
<td>5; Steve Mannion</td>
</tr>
<tr>
<td>10.45 – 11.30</td>
<td>Orthopaedics in Conflict and Disasters</td>
<td>1,4,5; Steve Mannion</td>
</tr>
<tr>
<td>11.30 – 12.30</td>
<td>Plastic Surgery in Conflict and Disasters</td>
<td>1,4,5; Ankur Pandya</td>
</tr>
<tr>
<td>13.15 – 14.15</td>
<td>General Surgery in Conflict and Disasters</td>
<td>1,4,5; Jim Ryan</td>
</tr>
<tr>
<td>14.30 – 15.30</td>
<td>Resuscitation, triage, personal experiences</td>
<td>1,4,5; Jim Ryan, Ankur Pandya</td>
</tr>
<tr>
<td>15.30 – 15.45</td>
<td>Summary, questions</td>
<td>-; Jim Ryan, Ankur Pandya</td>
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### 26th October

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speakers</th>
</tr>
</thead>
<tbody>
<tr>
<td>09.30 - 10.30</td>
<td>Gender, disability and disasters</td>
<td>4,5; Maria Kett</td>
</tr>
<tr>
<td>10.45 - 11.45</td>
<td>Gender, Sexual Violence and Humanitarianism</td>
<td>5; Ayesha Ahmad (TBC)</td>
</tr>
<tr>
<td>11.45 - 12.45</td>
<td>Table-top exercise: Complex emergency</td>
<td>1,2,3,5,6; Ken Roberts</td>
</tr>
<tr>
<td>13.45 - 15.45</td>
<td>Table-top exercise: Complex emergency (continued)</td>
<td>1,2,3,5,6; Ken Roberts</td>
</tr>
</tbody>
</table>

### 16th November

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speakers</th>
</tr>
</thead>
<tbody>
<tr>
<td>09.30 - 10.30</td>
<td>Media</td>
<td>5; TBC</td>
</tr>
<tr>
<td>10.45 – 11.15</td>
<td>Dealing with the Dead in Disasters</td>
<td>Tim Healing</td>
</tr>
<tr>
<td>11.15 -11.45</td>
<td>Ebola</td>
<td>4,5; TBC</td>
</tr>
<tr>
<td>11.45 - 12.45</td>
<td>Security of staff in dangerous environments</td>
<td>5,6; Ken Roberts &amp; Others</td>
</tr>
<tr>
<td>13.45 - 15.45</td>
<td>Security of staff in dangerous environments (continued)</td>
<td>5,6; Ken Roberts &amp; Others</td>
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### 7th December

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speakers</th>
</tr>
</thead>
<tbody>
<tr>
<td>09.30 - 10.30</td>
<td>Medical care in extreme environments</td>
<td>4; Sundeep Dillon</td>
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<tr>
<td></td>
<td>Hot environments</td>
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</tr>
<tr>
<td>10.45 – 12.00</td>
<td>Medical care in extreme environments</td>
<td>4; Sundeep Dillon</td>
</tr>
<tr>
<td></td>
<td>Cold environments</td>
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<tr>
<td>13.00 - 14.00</td>
<td>Planning for the exams</td>
<td>-; DMCC Convener</td>
</tr>
<tr>
<td>14.15 - 15.45</td>
<td>Quiz</td>
<td>All; Jim Ryan, Tim Healing</td>
</tr>
</tbody>
</table>
The syllabus and reading list for this course can be found on this website.