



## THE TEACHING TEAM

The teaching team will comprise academics from the three partner universities (UCL- ULB - ULg) and field experts from MSF in particular.

Faculty: Pr. Pierre Bernard, Pr. Jean-François Brichant, Ms. An Caluwaerts, Dr. Séverine Caluwaerts, Pr. Martine Dassonville, Pr. Pierre-Louis Docquier, Dr. Lynette Dominguez, Pr. Edward Fomekong, Dr. Jean-Paul Goolaerts, Dr. Martial Ledecq, Pr. Benoît Lengelé, Dr. Innocent Nyaruhirira, Ms. Sonya Peyrassol, Pr. Thierry Roumeguère, Pr. Jean Rubay, Dr. Maximilien Thoma, Dr. Miguel Trelles, Pr. Romain Vanwijck

Coordinator: Pr. Raymond Reding (UCL)

## INTERUNIVERSITY CERTIFICATE

Participants who have actively taken part in the whole program and passed the required evaluations will be issued an "Interuniversity certificate in Humanitarian surgery in austere environments", worth 10 ECTS credits (European Credit Transfer System). This certificate is in itself a valuable addition to the participant's academic records.

Furthermore, the associated credits, if validated by the examination board of a subsequent academic program elsewhere in Europe, can be applied in that program. Participation in all sessions, without passing the evaluations, will result in the issuance of a certificate of attendance.

INTERUNIVERSITY  
CERTIFICATE

FORMATION  
CONTINUE 

## PRACTICAL INFORMATION

### VENUE AND SCHEDULE

The program will be held at the MSF offices (46, Rue de l'Arbre Bénit 1050 Brussels) from November 2017 to May 2018.

Courses are held over 4 periods of 3 days (Thursday, Friday and Saturday from 9 am to 5.30 pm).

- 23-24-25 November 2017
- 25-26-27 January 2018
- 22-23-24 March 2018
- 24-25-26 May 2018

### TUITION FEES

The tuition fees amount to 1250 euros.

A preferential tariff is granted to assistants. For more information please consult the course website.

The tuition fees cover the registration at UCL, the university coordinating the programme, access to the classes and infrastructure, coffee breaks, midday meals and course materials.

### ADMISSION CRITERIA

The participants shall have a Doctoral degree in medicine or a Master's degree in medicine as well as a Master's degree with specialisation in surgery. Individuals taking a Master's degree with specialisation in surgery may qualify for the certificate from the 4th year of studies.

Candidates who do not meet the above admission criteria but who would like to take the course may apply for admission as an observer.

A knowledge of English is mandatory.

## ENROLMENT PROCEDURE

Candidates are invited to complete the admission form and to send the letter of motivation to the address:  
humanitarian-surgery@uclouvain.be.

Registrations are open until 1 October 2017.


The candidates will be selected on the basis of their admission documentation and their motivation letter. The Academic Professors shall decide on all the applications and the participants shall be informed by 7 October 2017.

The number of participants is limited to 30 to guarantee the programme's quality.


The group of participants may comprise a maximum of 15 assistants. Some places are also reserved for MSF personnel.

The organizers reserve the right to cancel or postpone the certificate, should the number of participants be insufficient.

## WANT TO FIND OUT MORE?

 [www.humanitarian-surgery.be](http://www.humanitarian-surgery.be)

 + 32 (0)10 47 91 23

 [humanitarian-surgery@uclouvain.be](mailto:humanitarian-surgery@uclouvain.be)

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# Humanitarian surgery in austere environments

2017-2018 - 1<sup>st</sup> Edition

 [www.humanitarian-surgery.be](http://www.humanitarian-surgery.be)

INTERUNIVERSITY CERTIFICATE UCL – ULG – ULB  
(10 ECTS CREDITS)

# Humanitarian surgery in austere environments

## A PROGRAM IN PREPARATION FOR EMERGENCY



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### TARGET AUDIENCE

This training is intended for surgeons, as well as assistants undergoing training in this area of specialisation (with a minimum of three years of clinical experience), who would like to acquire the surgical background required to take part in emergency humanitarian surgery missions in austere conditions.

### KEY PROGRAM BENEFITS

- New and unique offer in Belgium
- Instruction given in English
- Supplementary program to those already in existence in Europe
- Multi-skill training which deals with various aspects of emergency humanitarian surgery
- Teaching staff combining the expertise of field specialists with that of leading experts in trauma and obstetrical surgery
- A certificate which will enable you to possibly take part in surgical missions within the leading humanitarian NGOs
- A timetable suited to professionally active individuals

### PROGRAM CONTENT

The training is organised into 4 sessions of 3 days (Thursday, Friday, Saturday). Each specific module targets the technical specificities related to the humanitarian context.

#### Session 1: (24h)

- Introduction to humanitarian medicine
- Introduction to humanitarian surgery
- War surgery
- Resuscitation and anaesthesia
- Head, neck, and spine surgery
- Plastic surgery

#### Session 2: (23h)

- Thoracic surgery
- Vascular surgery
- Abdominal surgery
- Urologic surgery
- Tabletop exercise in war surgery

#### Session 3: (24h)

- Obstetrics
- Pediatric surgery
- Orthopaedic trauma

#### Session 4: (21h)

- Logistics, pharmaceuticals and specific questions
- Practical exercise of triage on mass casualty
- Hands-on lab
- Evaluation

### OBJECTIVES

At the end of the training the participant will in particular be able to:

- Understand the characteristics and the limits of performing surgery in the austere conditions of humanitarian medicine
- Become familiar with the medico-surgical skills for the management of war wounds and crush injuries
- Perform a range of surgical procedures and handle the normal range of surgical emergencies affecting a civilian population in resource constrained environments
- Become familiar with a range of anaesthesia and resuscitation techniques adapted to local conditions and basic equipment available
- Make resource based triage decisions
- Recognize the different sources of stress in austere environments and know the different coping mechanisms to deal with the stress
- Know the prerequisites to perform quality surgery in austere settings
- Manage intercultural and safety/security issues.

### TEACHING APPROACH AND ASSESSMENT

The classes shall be given in English.

The training is organised face-to-face and alternates between:

- Theory
- A minimum of 25% of case studies
- Simulation exercises (table top exercise, hands-on lab, practical exercise of sorting mass casualties etc.).

The evaluation test comprises two parts:

- A written examination on the theory
- A discussion before a panel of two examiners on a clinical case presented to the student



Visit our website:  
[www.humanitarian-surgery.be](http://www.humanitarian-surgery.be)