Faculty

Faculty

AGAZZI GIANCELSO

Bergamo

ARCELLI ENRICO

Varese

AVERSA ALESSANDRO

Firenze

BACUZZI ALESSANDRO

Varese

BARMASSE HERVÈ

Aosta

BÄRTSCH PETER

Heidelberg, Germany

BONI LUIGI Varese

BONO GIORGIO

Varese

BREVINI FRANCO

Bergamo

BRUGGER HERMANN

Bolzano

CAMANNI ENRICO

Torino

CARCANO GIULIO

Varese

CARRAFIELLO GIANPAOLO

Varese

CASELLA MARIO

Lugano, Switzerland

CASTELLI PATRIZIO

Varese

CASTELNUOVO PAOLO

Varese

CAUCHY EMANUEL

Chamonix, France

CHERUBINO PAOLO

Varese

COGO ANNALISA

Ferrara

CUFFARI SALVATORE

Varese

DE LA PIERRE FRANZ

Aosta

DELLA BORDELLA MATTEO

Varese

DOMINIONI LORENZO

Varese

DONEGANI ENRICO

Novara

Dozio Eugenia

Varese

DÜRRER BRUNO

Lauterbrunner, Switzerland

ELSENSOHN FIDEL

Roethis, Austria

FAZIOLI MICHELE

Lugano, Switzerland

FESTI LUIGI

Varese

FIORETTI ANNALISA

Milano

FUGAZZOLA CARLO

Varese

GALLI GIOVANNI

Lugano, Switzerland

GARZENA GUIDO

Varese

GIARDINI GUIDO

Aosta

GRANDI MARCO

Lugano, Switzerland

GROSSI PAOLO

Varese

HEFTI URS

Langenthal, Switzerland

REISTEN OLIVER

RICCIARDI LUCIO

RINALDI ADRIANO

Russo, Switzerland

SCHNEIDT TIZIANO

Lugano, Switzerland

Spanevello Antonio

Ringgenberg, Switzerland

STRAPAZZON GIACOMO

SAVARY-BORIOLI BEPPE

Varese

Trieste

Varese

Bolzano

Varese

Varese

Monza

Varese

Verona

Kazakistan

Bergamo

TAVANI MARIO

TOMEI GIUSTINO

TORTI VINCENZO

Tozzi Matteo

URUBKO DENIS

VALOTI PAOLO

VALSECCHI ANGELO

Lugano, Switzerland

VALSESIA TERESIO

Macugnaga

Brescia

ZANI VALERIO

TRABUCCHI PIETRO

STECK UELI

Zermatt, Switzerland

INTROZZI LORENZO

Varese

KAMMERLANDER HANS

Brunico

MAGGIORINI MARCO

Zurigo, Switzerland

MANTOVANI ROBERTO Torino

MARGAROLI GIOVANNI

Verbania

MARIANI FULVIO

Lugano, Switzerland

MERCALLI LUCA

Torino

MESSNER HUBERT

Bolzano

MINOJA GIULIO

Varese

MONDINELLI SILVIO GNARO

Alagna, Valsesia

MONTAROLO PIER GIORGIO

Torino

MORO SIMONE

Bergamo

NOTTARIS ROMOLO

Lugano, Switzerland

PADDEU ANTONIO

Como

PARATI GIANFRANCO

Milano

PASSI ALBERTO

Varese

PECCHIO ORIANA

Torino

General Information

The International University Master Course is based in Varese at the Università degli Studi dell'Insubria and is aimed at Italian and foreign doctors. There is a maximum number of 20 places available and the course is approved by the following International Organisations: UIAA, ICAR and ISMM.

The course consists of a total number of 1.500 hours as academic regulations, 550 among lectures, internships and on site practical sessions.

COURSE LOCATION

Lectures will be held at the Università degli Studi dell'Insubria in Varese and at the EURAC headquarters of the Institute of Mountain Medicine and Emergency in Bolzano which is taking part in this project.

On site practical sessions will be held by the Mountaineering Schools of the CAI and by the Ragni di Lecco with the assistance of **some** of the best mountaineers of the moment.

OFFICIAL LANGUAGE

The official course language is Italian but simultaneous translation will be provided where necessary.

COURSE CREDITS

Following completion of the course, a formal academic ceremony will be held where each student will receive a graduation certificate recognised worldwide.

To obtain the graduation certificate each candidates will prove to be present at 85% of lessons and medical training.

A final course examination, consists in a multiple answer test, is scheduled and the thesis presentation previously arranged.

TUITION FEE

The enrolment fees for the course are 3,500 € which includes: travel costs to and from EURAC in Bolzano with 2 nights stay; travel costs to the Palamonti in Bergamo and to the mountain huts where the on site practical sessions will be held and 3/4 nights room and

Registrations within January 10, 2012.

For any further information and for the course programme please visit the University's website:

www.uninsubria.it → POSTGRADUATE → MASTERS where the application form will be available

or write to Dr Luigi Festi, Co-director and Coordinator: luigi.festi@ospedale.varese.it

ORGANIZING SECRETARIAT



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programme

International Master Course in Mountain Medicine

2012 - Varese - Bolzano

dedicated to A. Farè and F. Della Bordella



SCIENTIFIC COMMITTEE

DIRECTOR:

Lorenzo Dominioni Università degli Studi dell'Insubria

INTERNATIONAL DIRECTOR:

Luigi Festi Co-Director and Coordinator - Ospedale di Circolo, Varese

Hermann Brugger

Institute of Mountain Emergency Medicine, EURAC Bolzano

Marco Maggiorini

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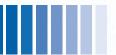
he field of mountain medicine in Italy, as well as elsewhere, is still little recognized and given little consideration, even less than emergency mountain medicine. This situation prevails at a time when winter and summer tourism has tended to rediscover the mountains both because of climate change in recent years as well as the trend for extreme sports, for adventure and to experience the wilderness. It is thus of fundamental importance to emphasize the safety factor in the prevention and treatment of accidents during mountaineering activities. Accidents which occur in the mountains, many of which are fatal, are given wide media coverage and involve not only amateur mountain climbers but also experts and professionals. Amongst the increasing numbers of people who are drawn to the mountains there are some who despite suffering from chronic cardiac or respiratory pathologies, nonetheless push themselves to reach higher altitudes in the search for uncontaminated areas. The doctor who is part of the expedition or who works in a mountain environment, without considering those who are involved in rescue operations, must therefore be adequately trained to deal with these occurrences.

27 JANUARY 2012 OPENING CEREMONY

The week lessons are fixed as follows:

06/10 february 2012 26/28 march 2012 23/27 april 2012 21/25 may 2012 24/28 september 2012 22/26 october 2012

Programme



Module 1

Basis, Diagnosis, Treatment of Altitude Sickness 32 Hours

Altitude Sickness
Children and the mountain
High altitude training
The medical practice of mountain
The elderly and the mountain
Cardiopathic patients and mountaineering
Pulmonary failure and mountaineering

The woman and the mountain

Module 2

Hypothermia: Diagnosis and Treatment Hyperthermia 17 Hours

Neurological disease and the mountain

Hypothermia
Frostbite
Sunstroke, heatstroke
Notions on personal technical
Equipment and apparel

Module 3

Trauma in Mountaineering: Diagnosis and Treatment 43 Hours

Analgesia on the field Abdominal traumatology Thoracic traumatology Orthopedic trauma Basic radiology Interventional radiology

Vascular trauma

Neurosurgical trauma

Maxillofacial trauma in mountaineering

Emergencies odonto-stomatology

Tracheostomy

Shock

Sepsis: diagnosis and treatment

Module 4

Emergency Rescue in Montaineering 37 Hours

Avalanche

Electrocution, lightning

Mountain rescue techniques

Helicopter rescue techniques

Notions on personal equipment

Stress management in mountaineering

Organized rescue on the mountain

The intensive care unit and alpine trauma

Alpine trauma and rescue services

Module 5

The Doctor and the Mountain 30 Hours

Decompression sickness

Survival and navigation techniques

Nutrition in mountaineering

Travel medicine

The doctor on expeditions

Medical legal aspects in mountaineering

Juridical aspects

International mountaineering organisation

Medical communication

Geological characteristics and rescue techniques

Risk management

Meteorology and mountain

Doping in mountaineering

Module 6

The Doctor and Alpine Medical Practice 48 Hours

Introduction

Mountaineering techniques in winter and basics

of skimountaineering

Basics of climbing techniques

Mountain rescue techniques

Total number of hours: 207

Lectures on important topics will be presented

MEDICAL TRAINING

30 hours

Radiology c/o Ospedale di Circolo Varese

50 hours

Operating Room c/o Anesthesiology

c/o Ospedale di Circolo Varese

50 hours

Intensive Care Unit

c/o Ospedale di Circolo Varese

30 hours

Surgery in Mountain Medicine

c/o Ospedale U. Parini Aosta/Chamonix

40 hours

Institute of Mountain Emergency Medicine

c/o EURAC

30 hours

Thoracic and Vascular Surgery

c/o Ospedale di Circolo Varese

30 hours

AREU Lombardia

40 hours

Intensive Care in the A&E

c/o Ospedale di Circolo Varese

30 hours

REGA Switzerland c/o REGA Headquarters Ticino

20 hours

Cardiology c/o Istituto Auxologico Italiano,

Università Bicocca Milano

Total number of hours in medical practice: 350