



*Fisiologia e medicina di montagna
rassegna bibliografica*

estratta dal catalogo della
BIBLIOTECA NAZIONALE DEL CLUB ALPINO ITALIANO

per

*Ai Confini della Fisiologia tra scienza ed
esperienza soggettiva*

2. Simposio internazionale sulla Fisiologia umana in
ambiente estremo

CNR

Pisa 28-29 febbraio 2008



TABLOID MEDICINE CHESTS and Reserve Medical Stores of 'TABLOID' Medicaments, Bandages, Dressings, etc., supplied by Burroughs Wellcome & Co. to the Mount Everest Expedition, 1933.





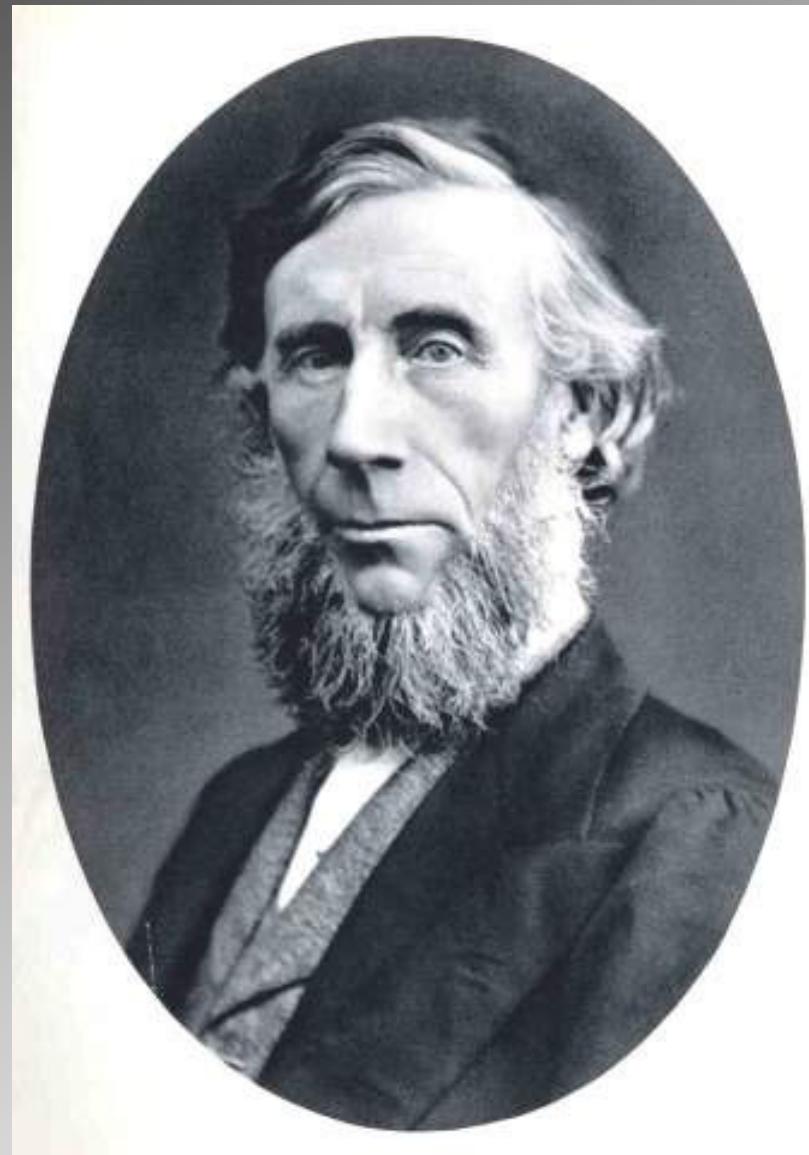






DE HUMBOLDT

D'après Gérard. 1832.





Ti salighi del Club Africano
che gli furono di nobile
esempio

J. Mafra
con memore affetto e
qualitudine

Laboratoire Scientifique
International * * *
du MONT ROSA



Capanna Regina Margherita

m. 4560



Fig. 3.

Soldato Sarteur mentre fa gli esercizi coi manubri
sul ballatoio della Capanna Regina Margherita, 4560 m.

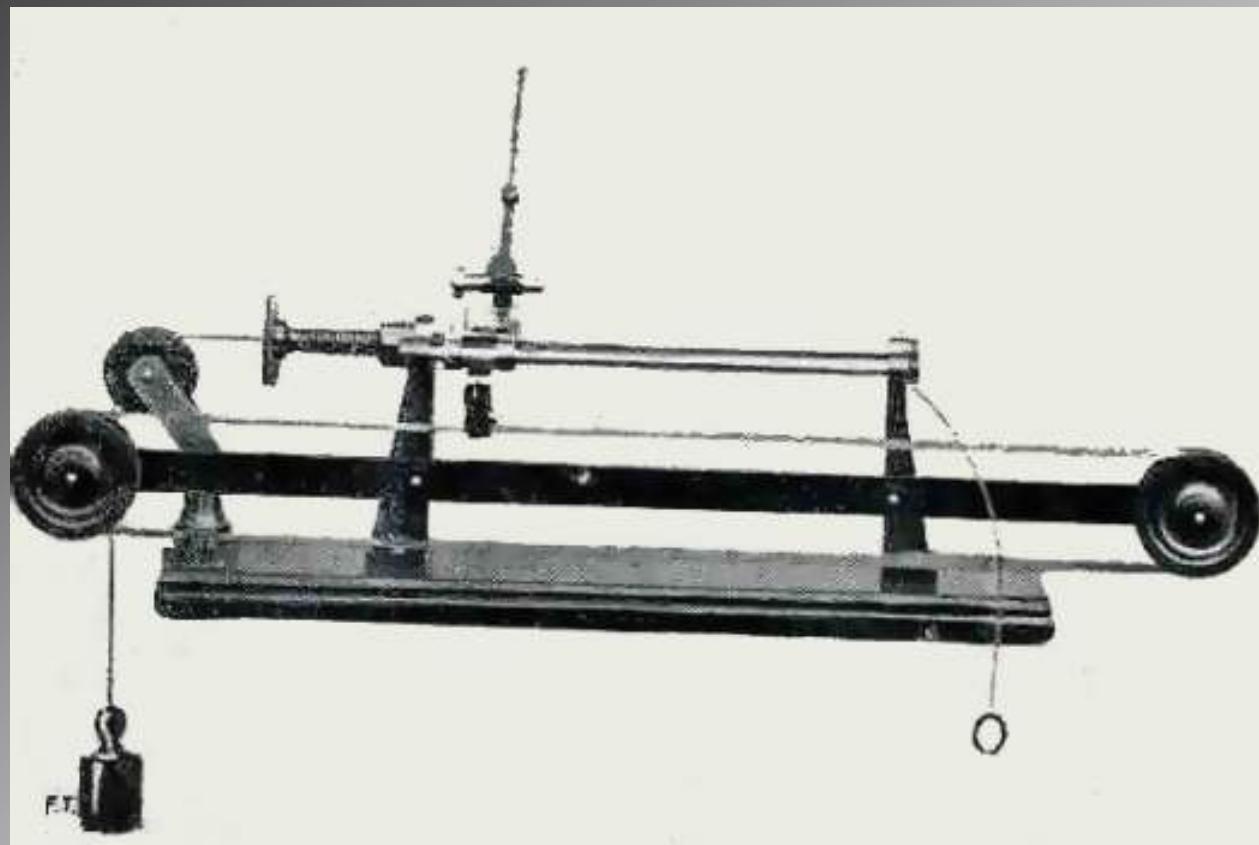
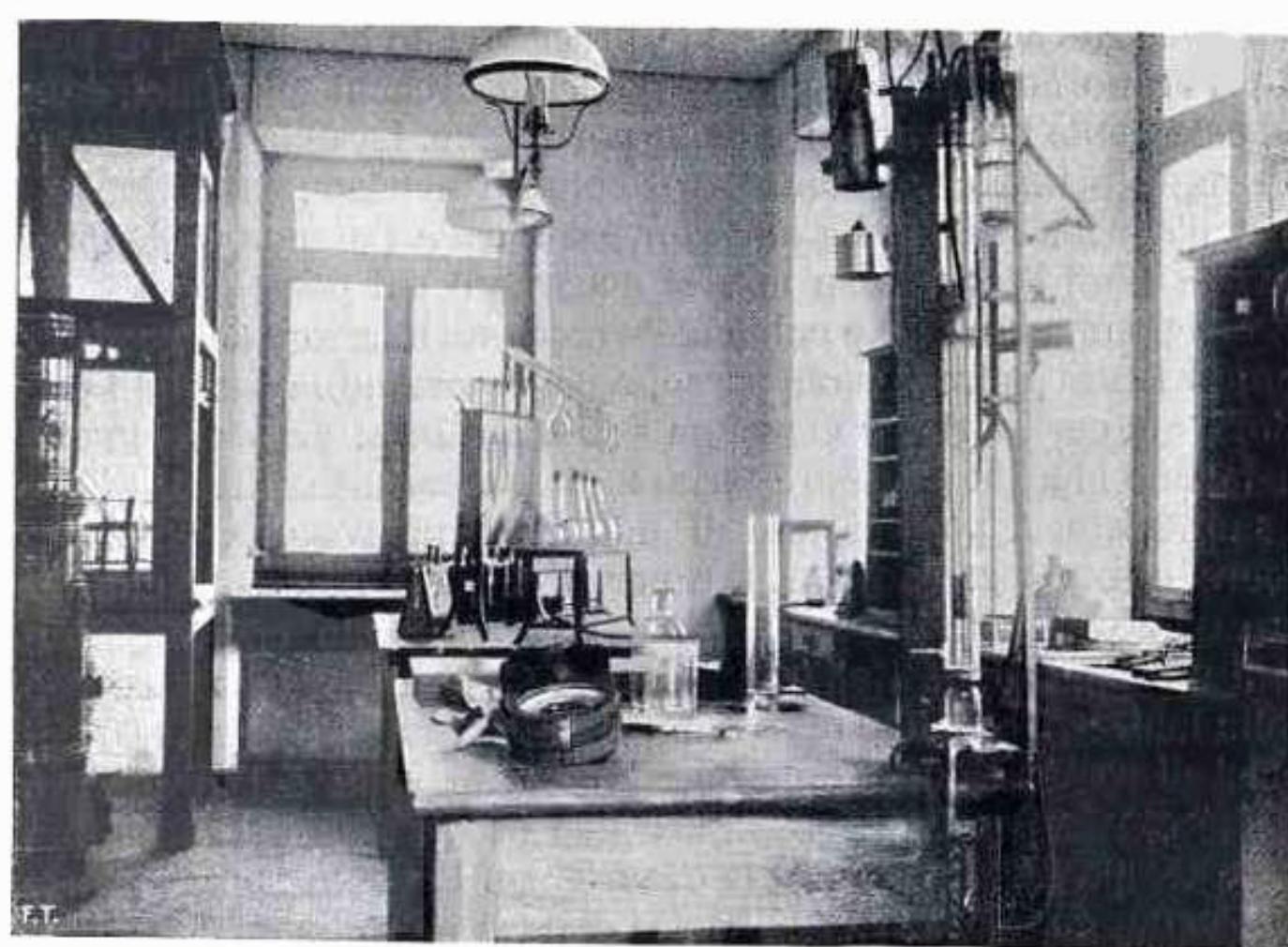


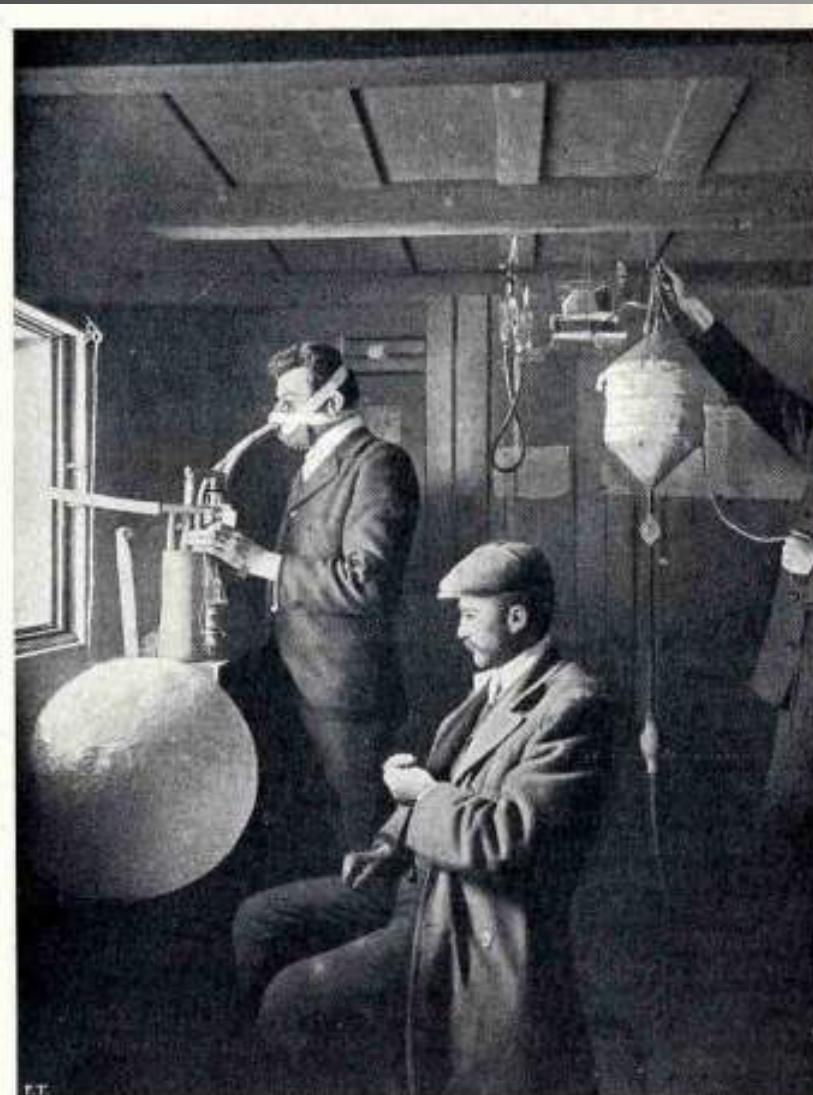
Fig. 1. — Ergografo.



Lago Bowditch e facciata settentrionale dell'Istituto A. Mosso.



Sezione di fisiologia nei Laboratori scientifici Angelo Mosso al Col d'Olen.



Un'esperienza sulla respirazione fatta dal dottor G. Marro
nella Capanna Regina Margherita.



Fig. 29. — Sfigmomanometro per misurare la pressione del sangue nell'uomo.



1893-1993

Cento anni
della Capanna Osservatorio
REGINA MARGHERITA

Le più recenti ricerche scientifiche



CLUB ALPINO ITALIANO

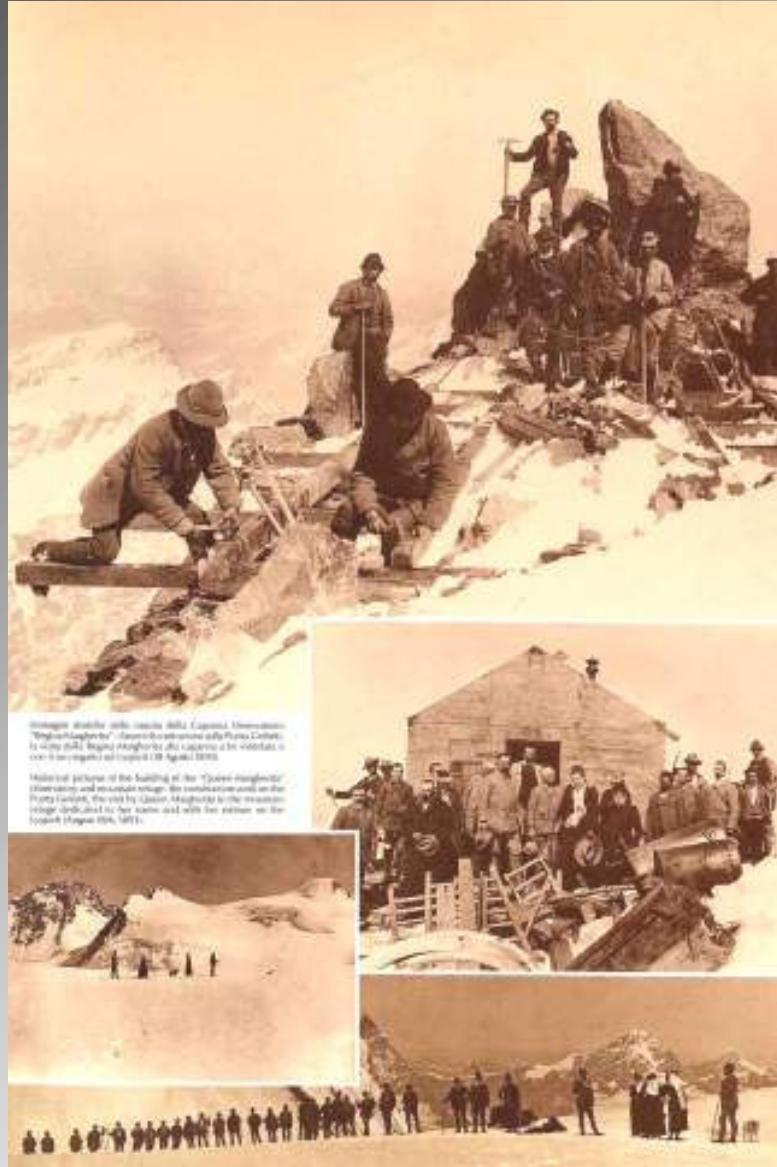
1893-1993

One hundred years of the
QUEEN MARGHERITA
observatory and mountain refuge

The most recent scientific research

Comitato Scientifico Centrale - Commissione Centrale Medica

A cura della Commissione Centrale per le Pubblicazioni del CLUB ALPINO ITALIANO



Monte Gnifetti visto dalla Capanna Universitaria "Regina Margherita" durante la caccia allo Perno Cervi, 19 aprile 1911. Negli scatti i leggendari esploratori della montagna di Cesare e Arturo Sella.

Insetto: primo piano del bivacco al "Queen Margaret" (Capanna Universitaria) con la veduta del Pizzo Gnifetti, la cima più alta della catena delle Alpi di Lanzo. In alto: la caccia allo Perno Cervi al Pizzo Gnifetti, il 19 aprile 1911. Margherita è la montagna dedicata alla regina ed è con lei insieme nel bivacco (Argomenti 1911, 1911).



Nel fotografie precedenti: la "Isola" Capanna Ovest delle Alpi Graianate; sulla Pista Grotta 30-425m.

Un'altra postazione, che l'ha "Capanna Margherita" abitata fino agli anni novanta, nel rifugio Valtellina (1954 m).



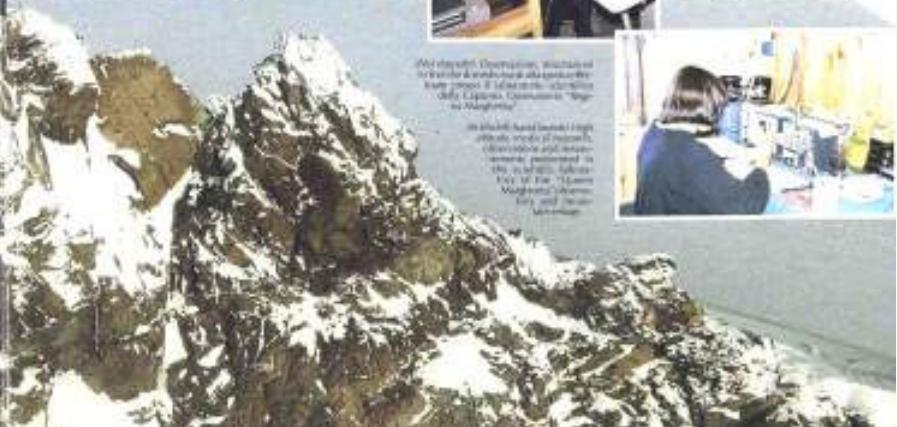
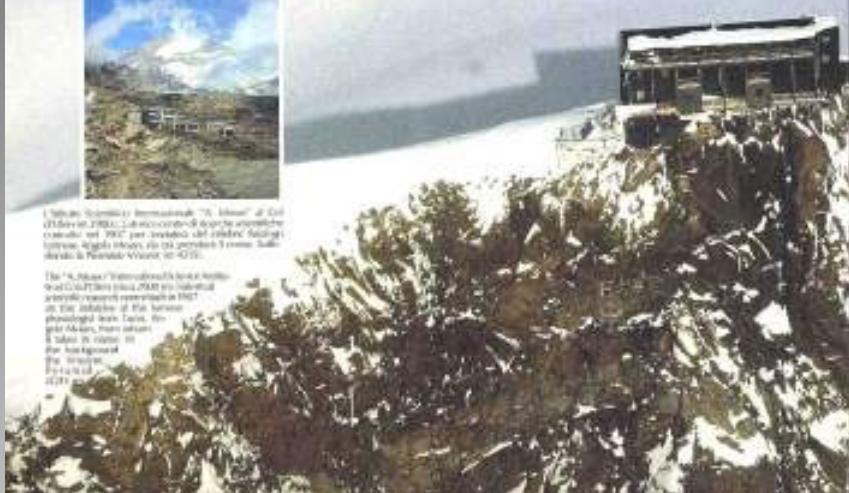
L'ultima struttura rimaneggiata "la Isola" al Col d'Urtier (2.780m). La costruita dopo le avverse condizioni nel 1902 per i trentatré alpinisti italiani veneti, oggi è abitata da un gruppo di trenta guide alpine. In Pianale Valsavarenche (2.720 m).

The "la Isola" (Valdieri) is located near Montebello Col Urtier (2.780 m), built after the terrible winter of 1902 at the initiative of the famous physiologist Jean Darcet. This alpine hut was rebuilt in 1967 and taken in use in 1970 due to the loss of the original hut, destroyed by lightning in 1969.



Nel centro: Osservatorio, installato nel 1968 e destinato alla monitoraggio della neve. Il suo uso è stato interrotto dalla Capanna Comune in "Margherita".

Un'altra struttura oggi abitata, quella dell'osservatorio meteorologico, installato nel 1968 e destinato alla monitoraggio della neve. Il suo uso è stato interrotto dalla Capanna Comune in "Margherita".





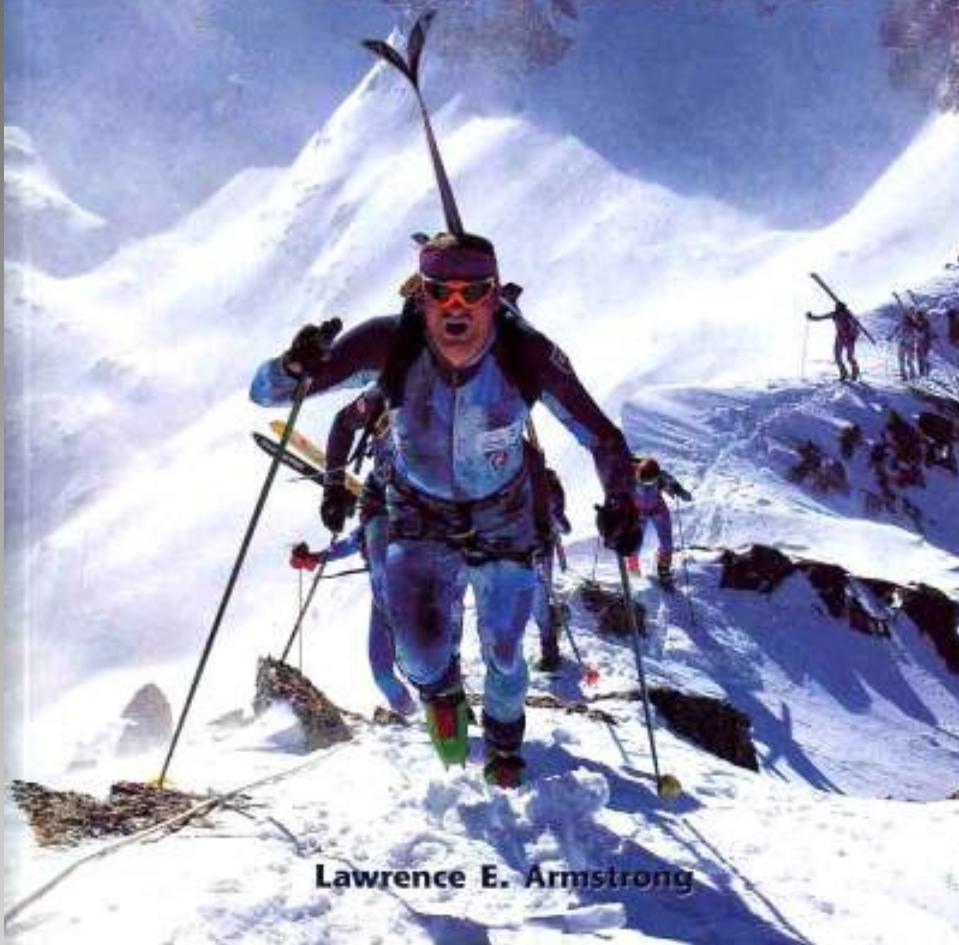
MANUALES

DESNIVEL



Rendimiento

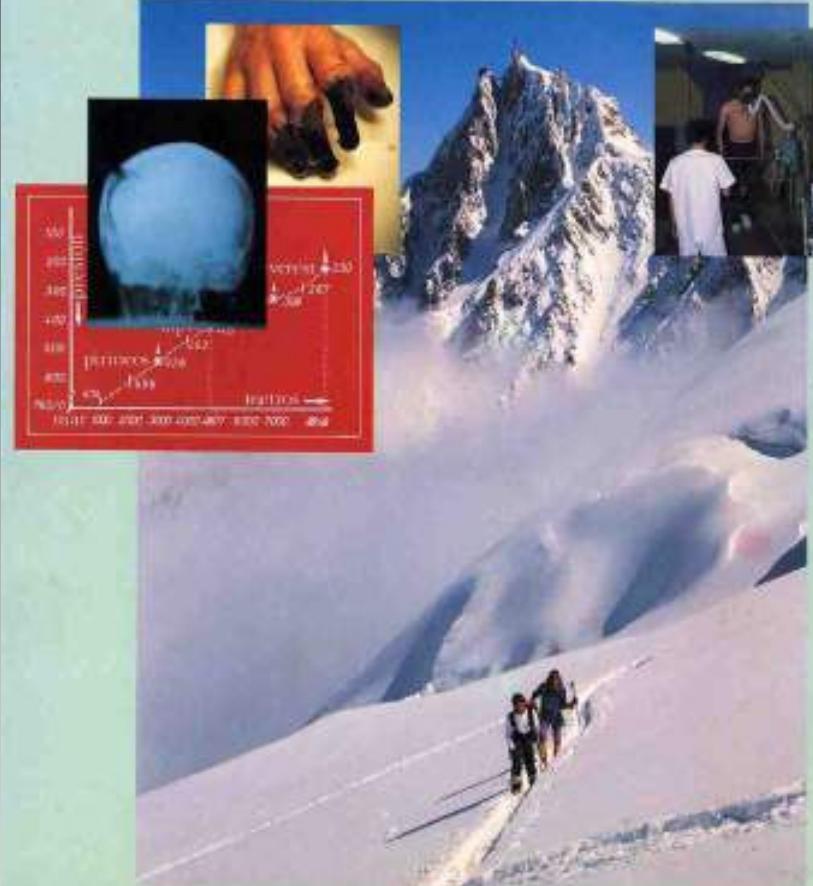
en ambientes extremos



Lawrence E. Armstrong

AVANCES EN PATOLOGÍA DEL MONTAÑISMO

J.R. MORANDEIRA • G. MARTÍNEZ VILLÉN • F.J. SENOSÍAIN



MANUALES



DESNIVEL

Medicina de expedición

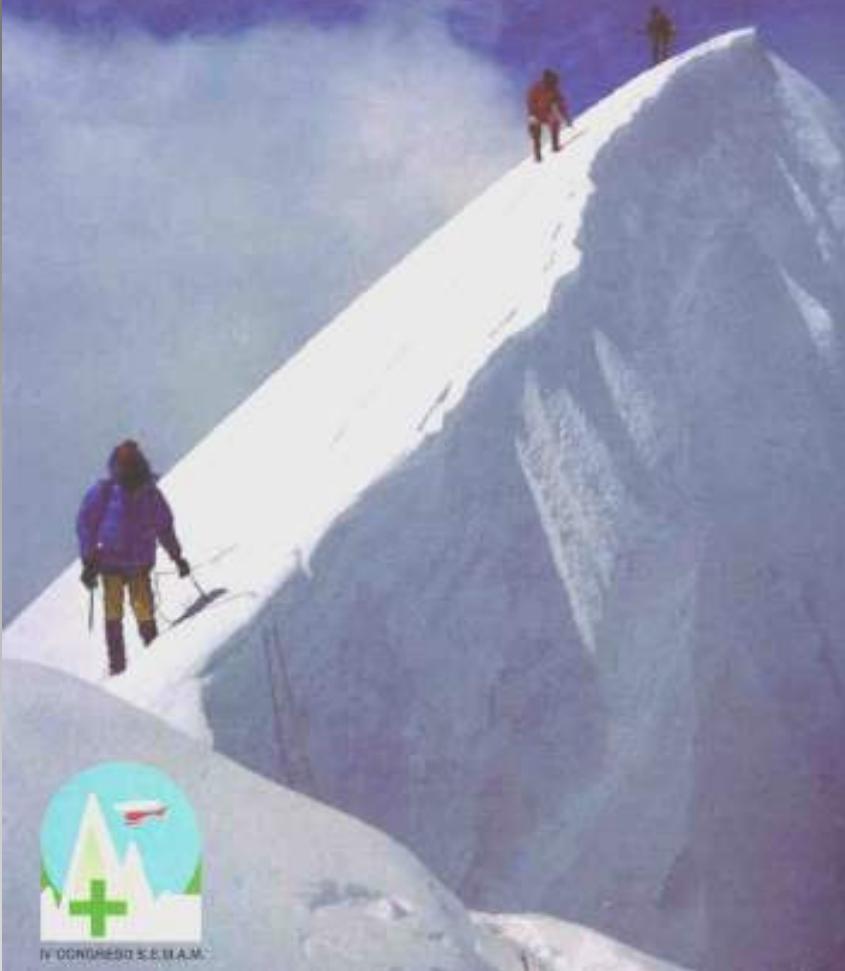
MANUAL DE LA ROYAL GEOGRAPHICAL SOCIETY



Coordinación: DAVID WARRELL y SARAH ANDERSON

XI Jornadas de Medicina y Socorro de la F.E.D.M.E.
Pamplona/Bełaga 18-21 Marzo 1993

Medicina de Montaña



IV CONGRESO SEMAM



"Analgesia at the scene of an accident is a human right"

(U. Wiger)

Casualties in the mountains must be medically treated in extreme cold and windy environments and evacuated from vertical walls, crevasses, canyons or avalanches.

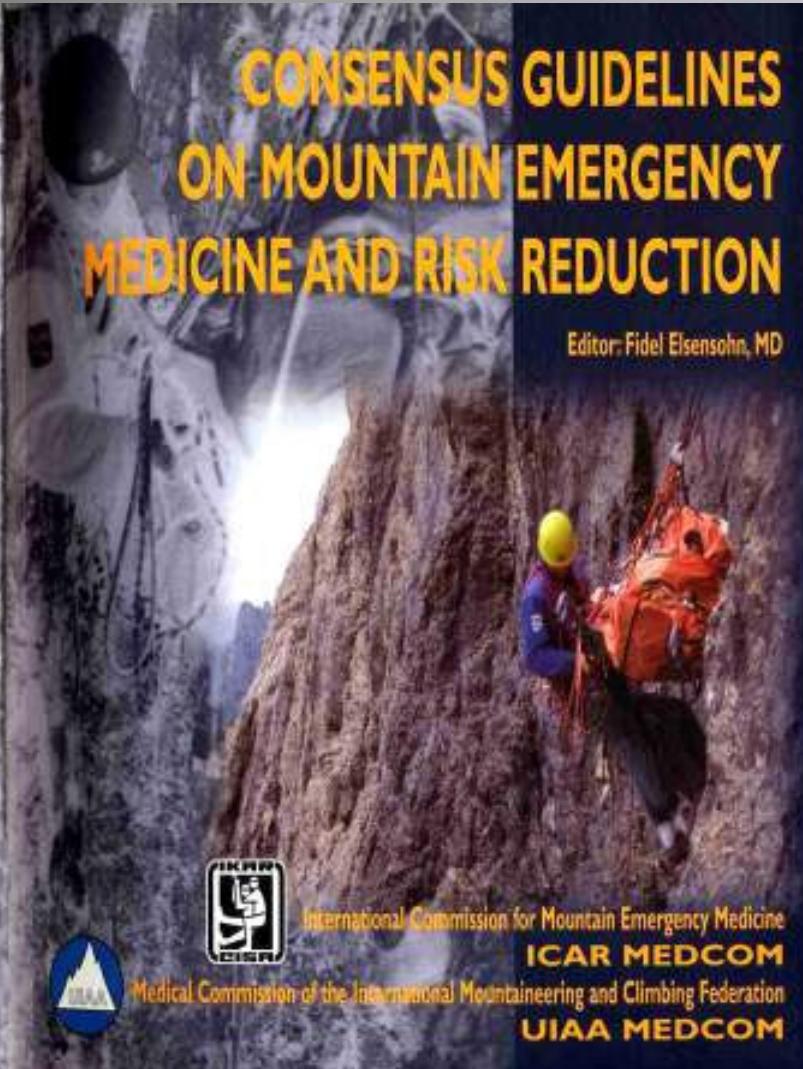


This booklet presents recommendations of the ICAR & UIAA MEDCOM's, intended for mountaineers, rescuers, paramedics and physicians acting in the mountains.

International Commission for Mountain Emergency Medicine & Medical Commission
of the
International Mountaineering and Climbing Federation, 1992

CONSENSUS GUIDELINES ON MOUNTAIN EMERGENCY MEDICINE AND RISK REDUCTION

Editor: Fidel Elsensohn, MD



International Commission for Mountain Emergency Medicine

ICAR MEDCOM

Medical Commission of the International Mountaineering and Climbing Federation

UIAA MEDCOM





PRAISE FOR DOCTOR ON EVEREST

"As a medical doctor and veteran high-altitude climber, Ken Kamler brings a passionate and singular perspective to the dangers and rewards of climbing Everest."

—David Breashears, Co-Director and Leader,
Everest IMAX Filming Expedition

"In Doctor on Everest, Dr. Kenneth Kamler has written an extraordinarily insightful account of the human price and the human rewards of high altitude mountaineering. Doctor on Everest is undoubtedly destined to become a classic of mountaineering literature."

—Eianys Rose, President, The Explorers Club

"Ken Kamler played an invaluable role during the disaster of Everest in 1996 when so many died. His description of these days makes a gripping story."

—Sir Edmund Hillary, from the Foreword

KAMLER DOCTOR ON EVEREST

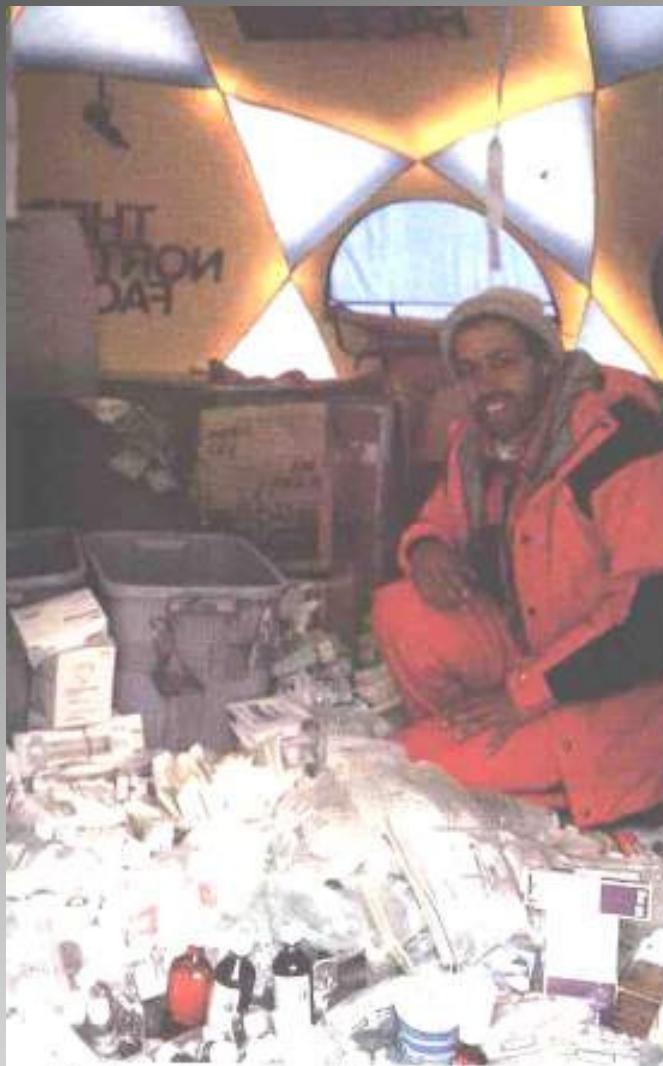


DOCTOR ON EVEREST



EMERGENCY MEDICINE AT THE TOP OF THE WORLD —
A PERSONAL ACCOUNT INCLUDING THE 1996 DISASTER

KENNETH KAMLER, M.D.
FOREWORD BY SIR EDMUND HILLARY



Kamler setting up the medical tent at Base Camp.

(Courtesy Tomazas)



THE
**DEATH
ZONE**

CLIMBING EVEREST THROUGH THE
KILLER STORM



MATT
DICKINSON



GOING HIGH

The Story of Man and Altitude.

About the author:

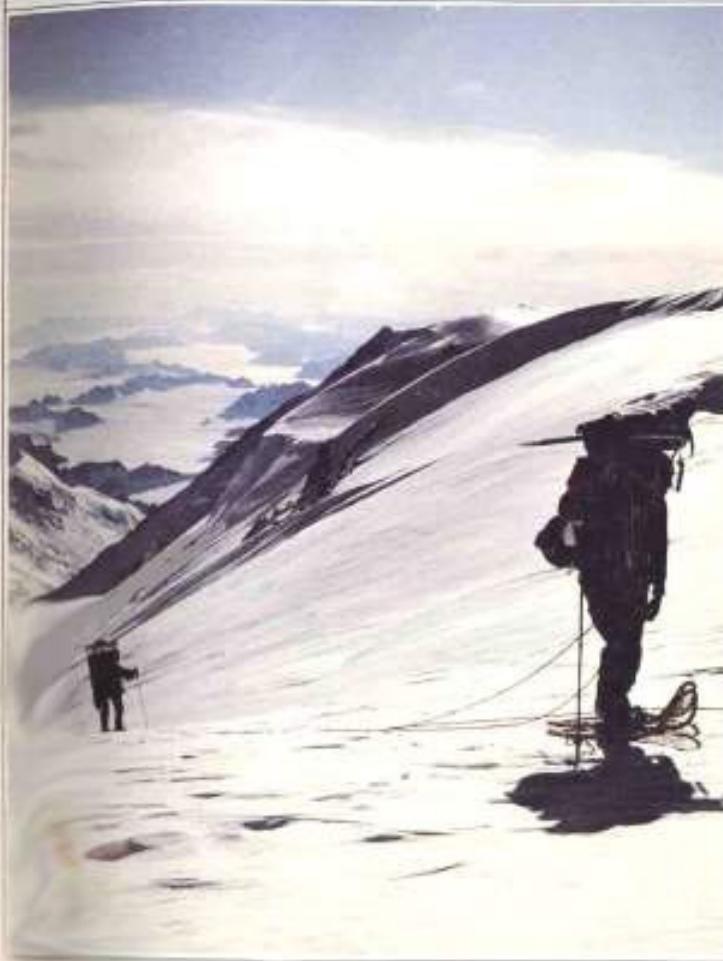
Dr. Charles Houston has been deeply interested in high altitude ever since his party reached the top of 25,660 foot Nanda Devi in 1936. As a flight surgeon during World War II he used this experience to train fliers and in research into the effects of altitude on man. Since 1967 he has been director of an unusual research program conducted at 17,500 feet on Mount Logan in northern Canada. Twice he has spent considerable time above 25,000 feet on K-2 (the world's second highest mountain), and in 1950 was one of the first westerners to visit the south side of Mount Everest. He has climbed extensively in the Alps, Alaska and the Rockies and is an avid

skier. For most of his professional career he has been an internist-family doctor, and for the last fifteen years has taught environmental health and medicine at the University of Vermont College of Medicine, retiring as professor in 1979. He believes fervently that scientific knowledge should be made easily understandable to the public, and the best approach to preventive medicine is to understand how our bodies work and what may cause them to fail. He lives in Burlington, Vermont with his wife. He is co-author of three books, *Five Miles High*, and *K-2, Savage Mountain*, and of more than 100 scientific and mountaineering articles.

GOING HIGH

THE STORY OF MAN AND ALTITUDE

BY CHARLES S. HOUSTON, M.D.



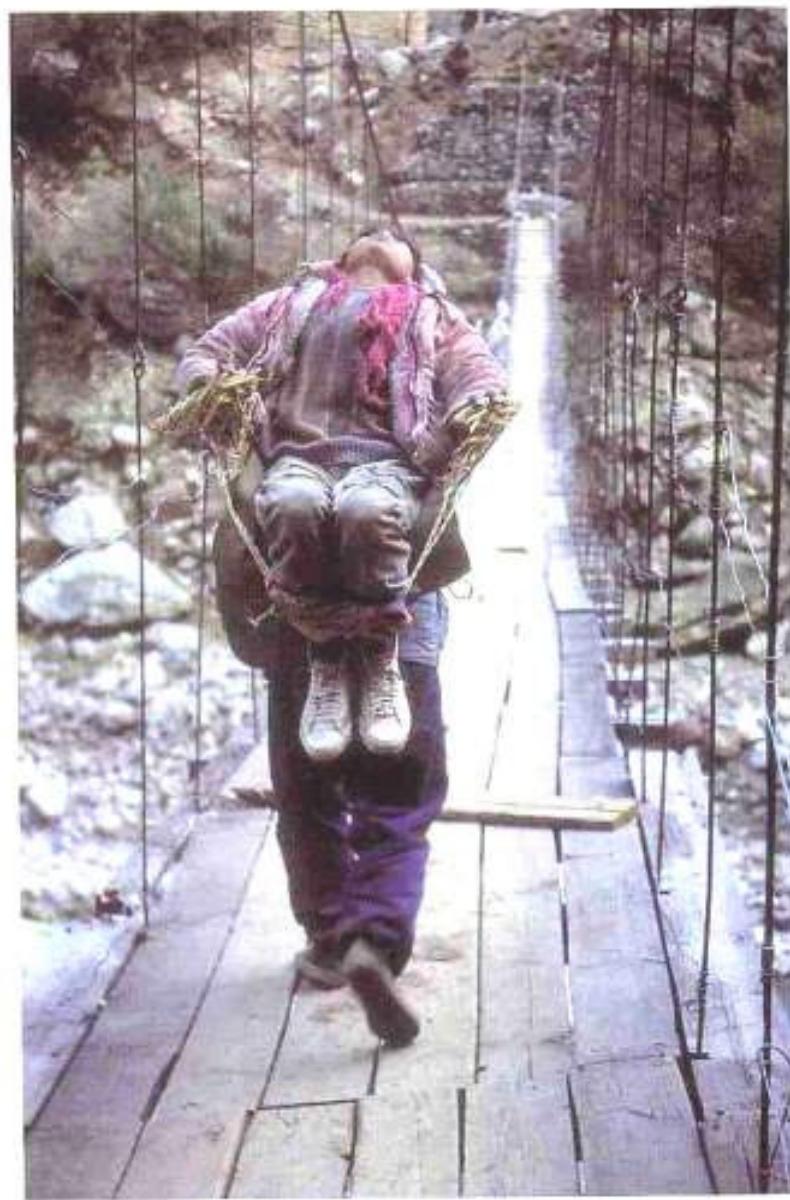
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EXPANDED

The High Altitude Medicine Handbook

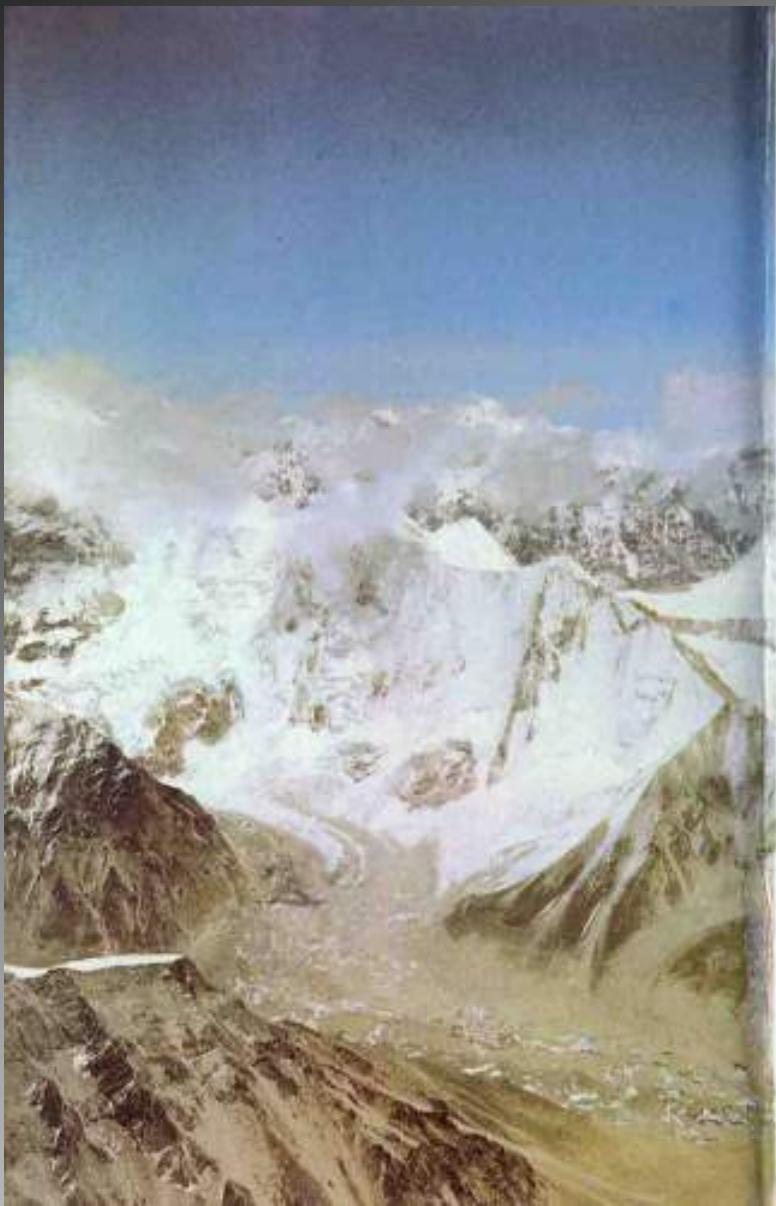
SECOND EDITION

Andrew J Pollard
and
David R Murdoch

FOREWORDS BY SIR EDMUND HILLARY AND JAMES S MILLEDGE

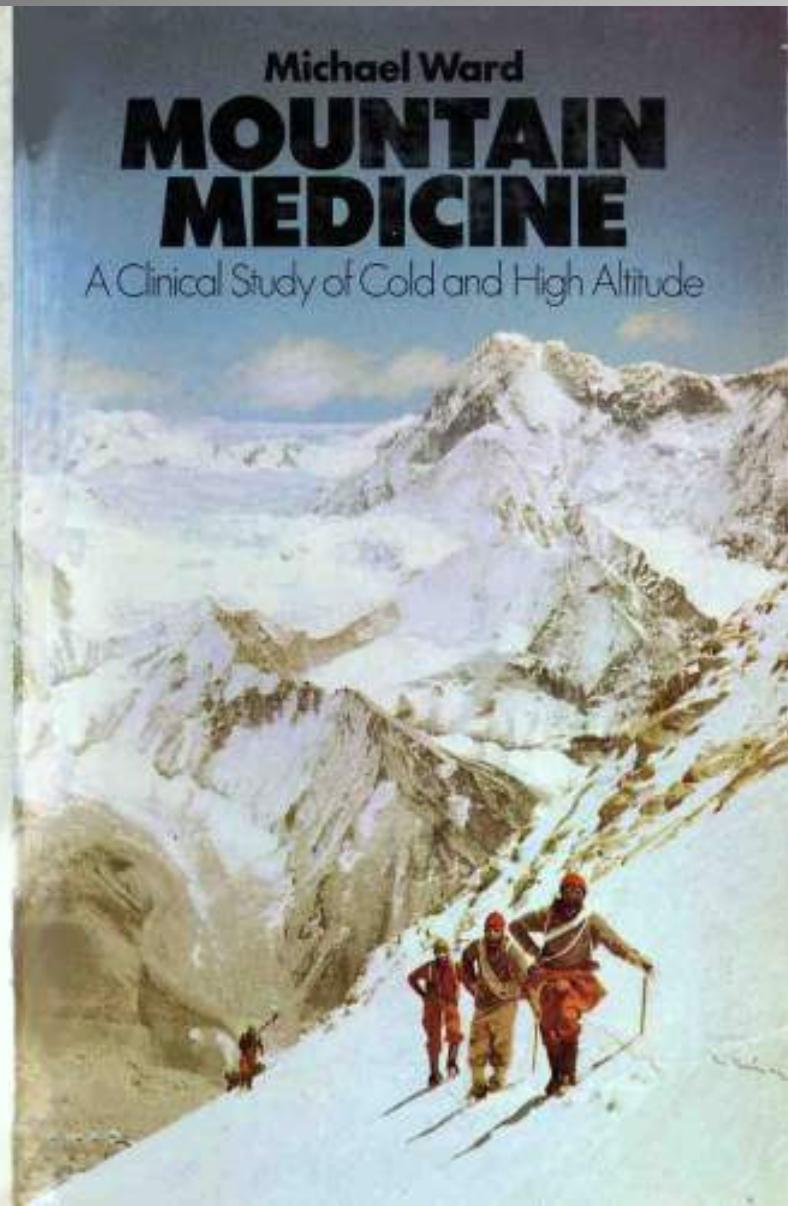


5 A sick climber with high altitude cerebral oedema being carried by a sherpa. (L Cook)



MOUNTAIN MEDICINE MICHAEL

CLS



MEDECINE ET SPORTS DE MONTAGNE

**Docteur
Jean-Louis
Etienne**

Préface de René Desmaison

Préparation à l'Effort • Diététique

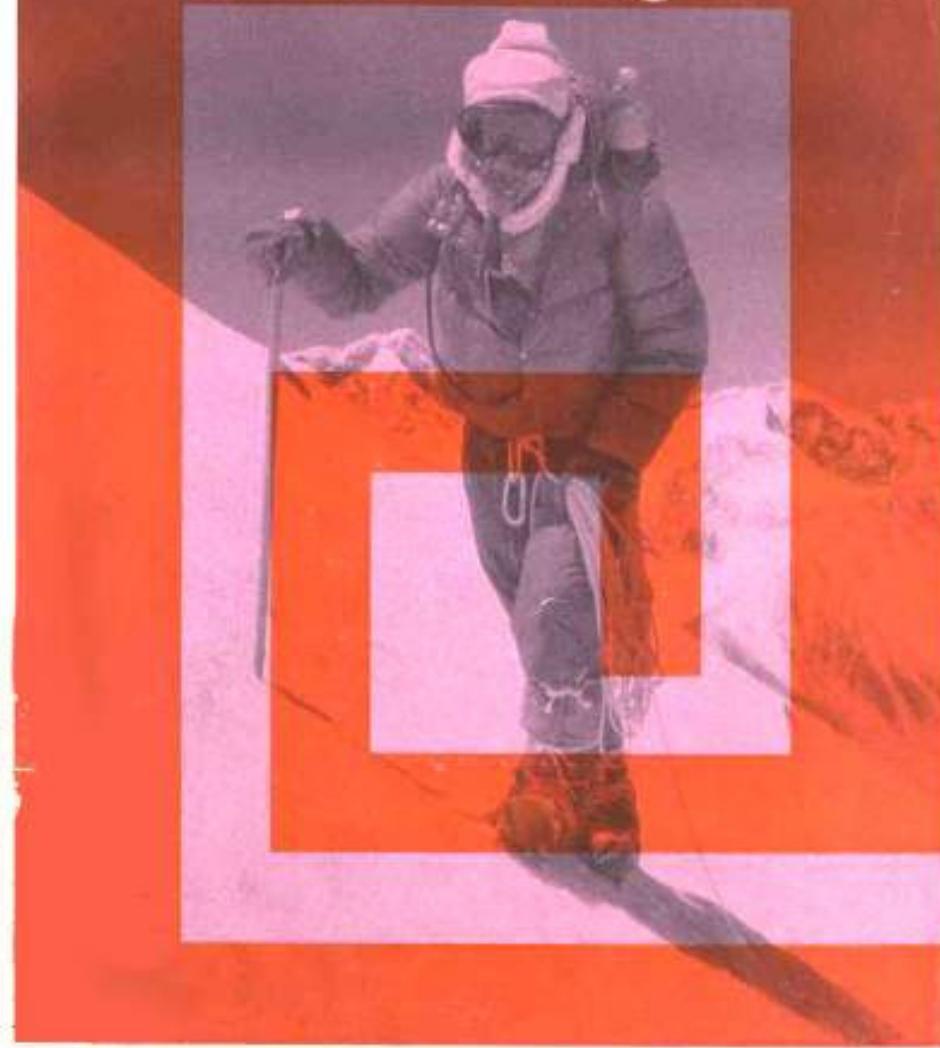
Acclimatation à l'Altitude et au Froid

Trousse Médicale • Les Premiers Soins

AGRA

JEAN
RIVOLIER

médecine montagne



COLLECTION SEMPERVIVUM

dirigée par Félix GERMAIN

— 30 —

Docteur Jean RIVOLIER

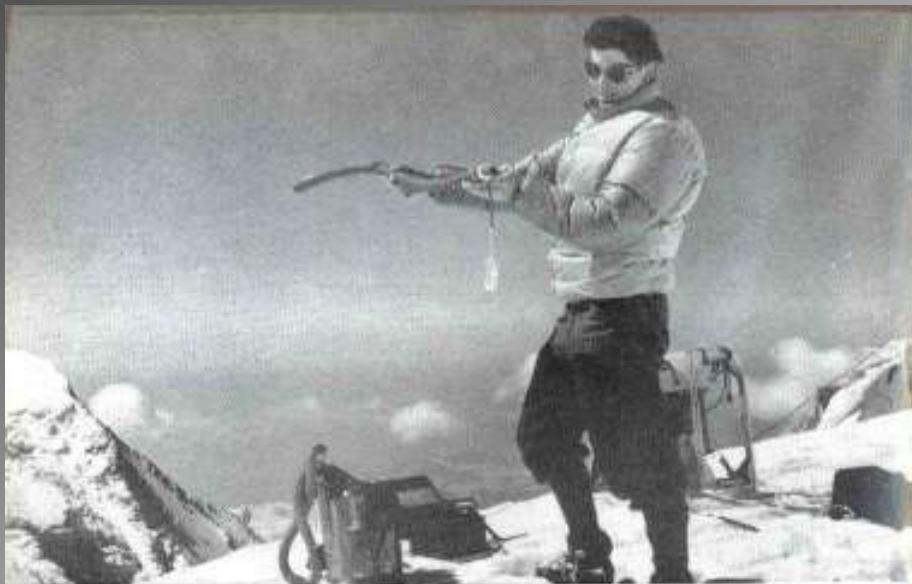
MÉDECINE ET MONTAGNE

Preface de Lucien DEVIES

ARTHAUD

PARIS

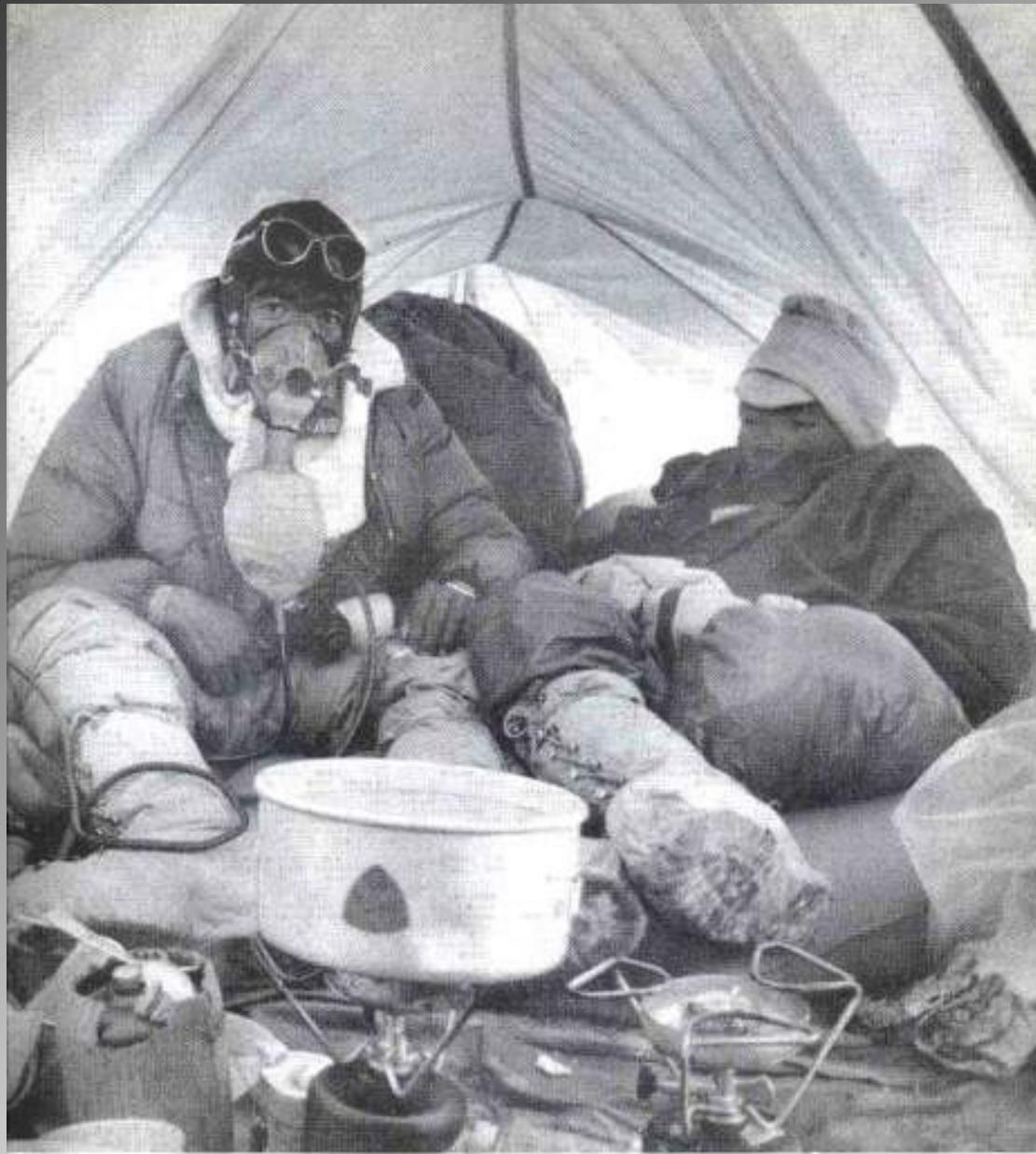
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INSTRUMENTATION PHYSIOLOGIQUE
AU COU DU MONT.



MESURES OXYMÉTRIQUES
EN HAUTE MONTAGNE.



CAMPING EN HAUTE ALTITUDE.

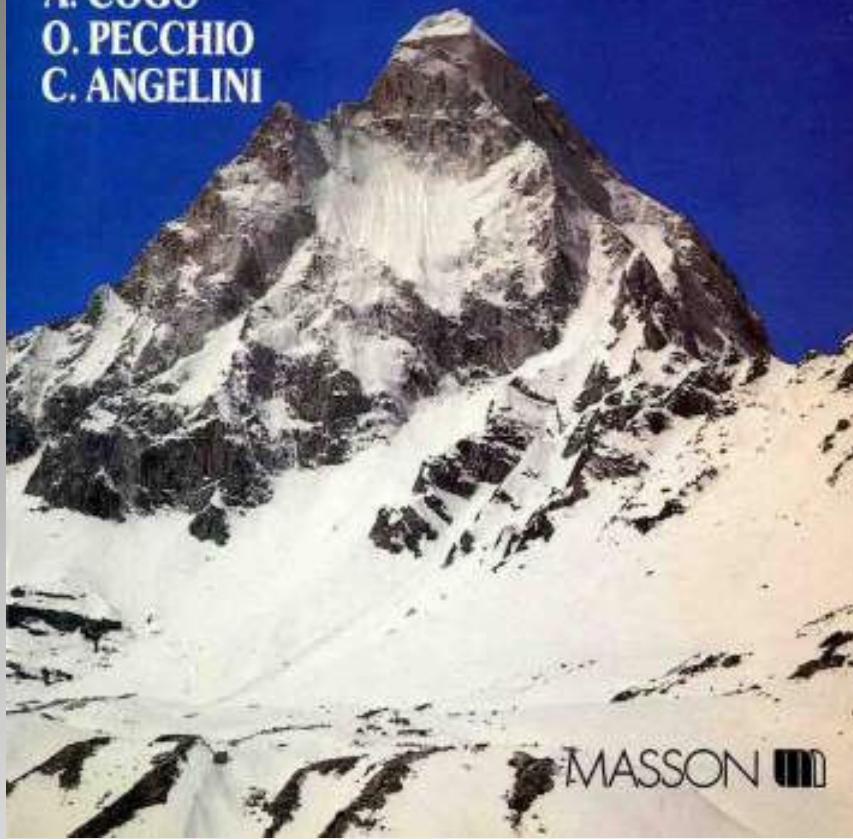
Medicina in montagna

a cura di
T.Berti e C.Angelini

CLEUP EDITORE

montagna: aspetti di medicina e di fisiopatologia

a cura di
**A. COGO
O. PECCHIO
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saggi

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nelle
condizioni
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Dai ghiacci ai deserti infuocati,
dagli abissi marini
alle cime più alte del mondo:
cosa accade al corpo umano
nelle condizioni estreme.
Un viaggio affascinante nella
«scienza della sopravvivenza».

PROBLEMI MEDICI IN ALPINISMO E NELLE ATTIVITÀ SPORTIVE IN QUOTA

ATTI DEL CONVEGNO SCIENTIFICO TENUTOSI A CESENA
PALAZZO DEL RIDOTTO IL 13 OTTOBRE 1990



COORDINAMENTO
PROF. ENZO PRETOLANI

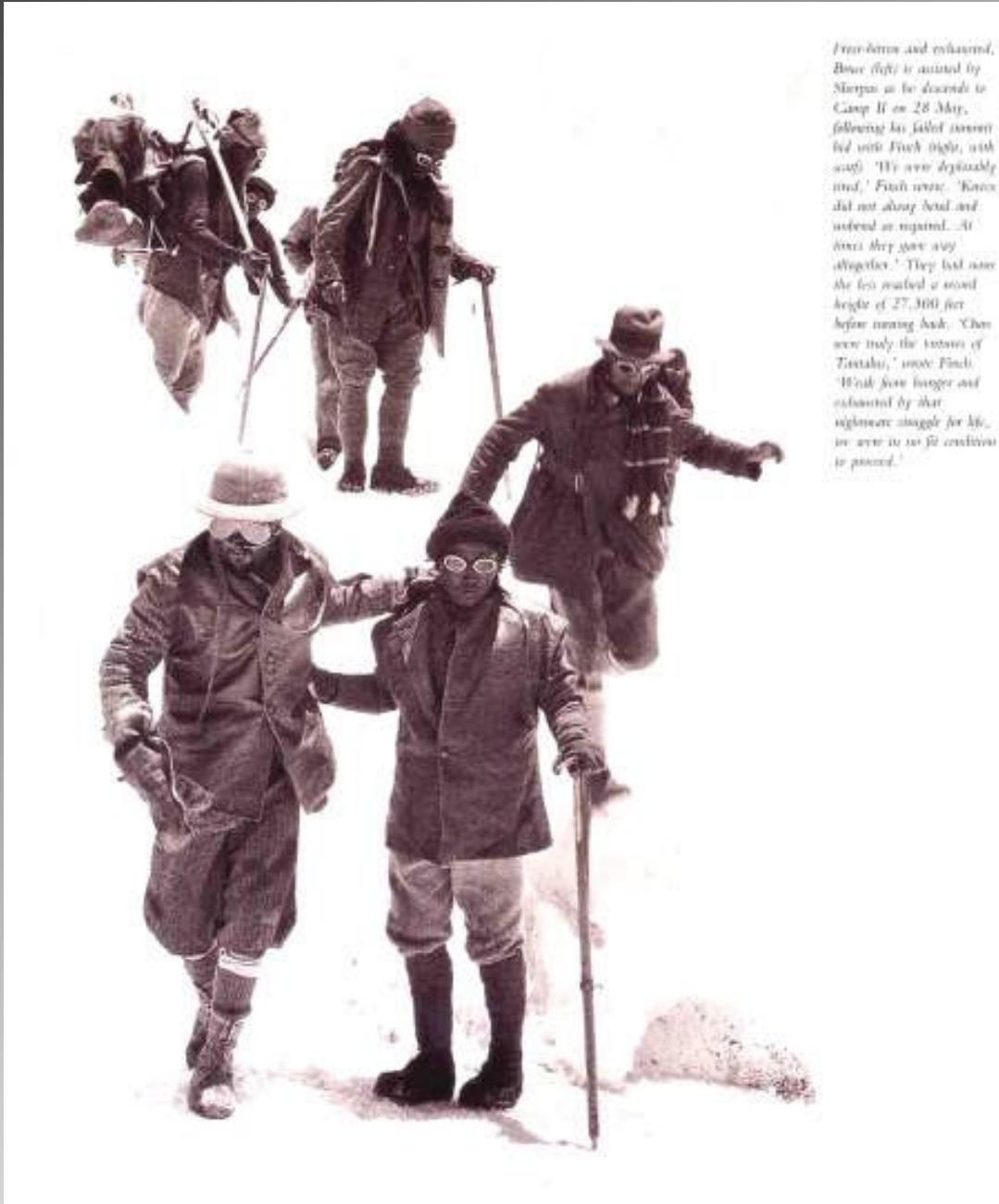


CLUB ALPINO ITALIANO - SEZIONE DI CESENA
1990 - XXV DI FONDAZIONE



When the 1922 expedition had to find a way during its approach march, Arctic Wolffield (center in picture left) measured his walking route, while Ernest Sommell (left) took off his dome at risk. George Mather (right) in group duty felt no obligation. The pilot right, taken by Finch, shows his climbing partner Geoffrey Bent, tying out the expedition's primitive oxygen apparatus. Although some expedition members were skeptical about using supplementary oxygen, Finch was in no doubt. After he and Bent had spent a frightening night struggling to breath at 21,500 feet, Finch decided that it had saved their lives.





*Fatigued and exhausted,
Boyd (left) is assisted by
Sergeant as he descends to
Camp II on 28 May,
following his failed ascent
led with Finch (right), with
such... 'We were deplorably
tired,' Finch wrote. 'Knox
did not sleep head and
feetend or upright... At
times they gave up
altogether.' They had now
the less reached a record
height of 27,300 feet
before turning back. 'They
were truly the heroes of
Tartarus,' wrote Finch.
'Walk four longer and
exhausted by that
nightmare struggle for life,
we were in no fit condition
to proceed.'*



"The Times" (London, Eng.)—H. Gold Copyright

HOUSTON—MOUNT EVEREST FLIGHT

Houston-Westland aeroplane flying over Lhotse on its approach to Mount Everest at a height of 32,000 feet on April 3, 1933
Inset, photograph of one of the "Tabloid" First-Aid Outfits supplied for aeroplane equipment.



MOUNT EVEREST—THE GREATEST HEIGHT CLIMBED BY MAN

Four attempts have been made to climb to the summit of Mount Everest. The record height achieved was 28,200 feet (1924). In the foreground, members of the Expedition are seen in their Base Camp on the Rongbuk Glacier (17,000 feet)

The 1933 expedition suffered from atrocious weather which confined the climbers to their camps for weeks on end and helped cause a host of ailments, including laryngitis, gastric ulcers and pneumonia. Frost-bite was yet another problem: Frank Smythe's photograph (left) shows a climber examining a colleague's foot for symptoms. Smythe also took the photograph (right) of Camp V at 25,700 feet in deceptively good weather. It was to reach here a few days later that Longland and a Sherpa team battled for their lives through a storm.



Alpine Notes
and
The Climbing Foot



Alpine Notes & The Climbing Foot

By

George Wherry

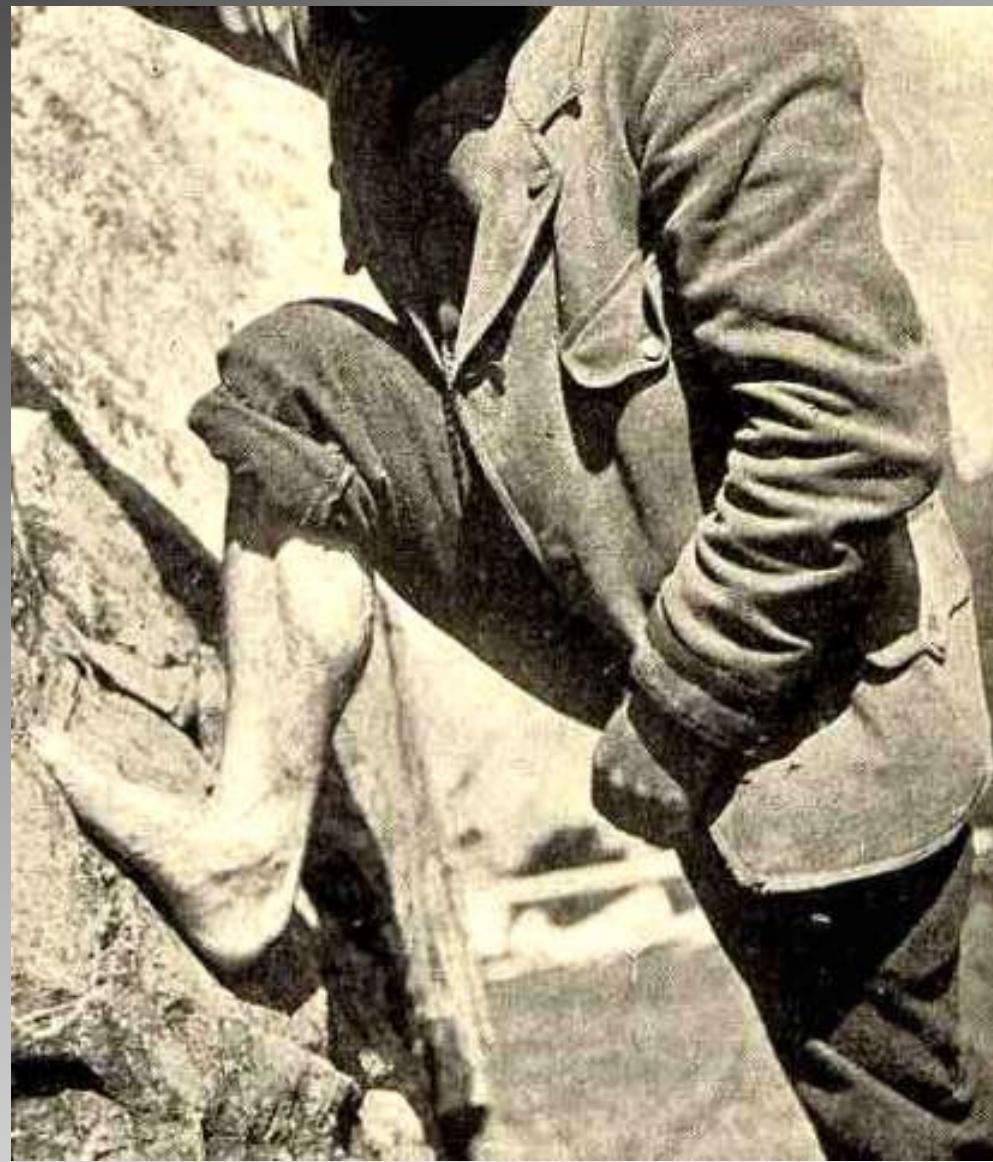
M.A., M.C.Cantab., F.R.C.S.

Surgeon to Addenbrooke's Hospital,
Cambridge; University Lecturer in
Surgery; Member of the Alpine Club



Cambridge: Macmillan & Bowes

1896



NARRATIVE

OF AN

ASCENT TO THE SUMMIT

OF

MONT BLANC,

ON THE

8TH AND 9TH AUGUST, 1827.

BY JOHN AULDJO, ESQ.
OF TRINITY COLLEGE, CAMBRIDGE.

"Though steep the track,
The mountain-top will repay, when climb'd,
The sailor's toil."

LONDON:

PRINTED FOR LONGMAN, REES, ORME, BROWN, AND GREEN,
PATERNOSTER-ROW.

MDCCXXVIII.





Brannock Stone from a Skiddaw by T. Helly.

Printed by C. Bullock.



ASCENSIONS
AUX CIMES
DE L'ETNA ET DU MONT-BLANC.

PAR
Le Comte Henri de Cilly,
Ancien Officier de Dragost.

Souscription.....

Prix : 2 francs.



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PELLETIER, ANTIQUAIRE, GRAND'RUE, 97.

•

1853.

EXPEDITIONS ON THE GLACIERS:

INCLUDING AN ASCENT OF

MONT BLANC,
MONTE ROSA,
COL DU GÉANT,
AND
MONT BUËT.



BY A
PRIVATE OF THE THIRTY-EIGHTH ARTISTS,
AND MEMBER OF THE ALPINE CLUB.



LONDON:
E. & F. N. SPON, 16, BUCKLERSBURY;

AND
DALTON AND LUCY,
Booksellers to the Queen, and to H.R.H. the Prince of Wales,
28, COCKSPUR-STREET, CHARING-CROSS, S.W.

1864.

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NOZIONI TOPOGRAFICHE
DEL
MONTÉ ROSA
ED ASCENSIONI
SU DI ESSO
DI GIOVANNI GNIPETTI
Paroco d'Alagna



Torino 1855
TIPOGRAFIA DI G. MARZORATI
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PUBLICATIONS DU PROGRÈS MÉDICAL

LE

MAL DES ALTITUDES

LE

MAL DE MONTAGNE COMPARÉ AU MAL DE BALLON

OBSERVATIONS

FAITES PENDANT TROIS JOURS AU SOMMET DU MONT-BLANC

PAR

Le D^r E. GUGLIELMINETTI

(de Monte-Carlo)

PARIS

BUREAUX DU PROGRÈS MÉDICAL

14, RUE DES CARMES.

—
1901



LE MUSÉE DE LA CURE D'ALTITUDE

LA

CURE D'ALTITUDE

PAR

LE DR PAUL REGNARD

Membre de l'Académie de Médecine
Professeur de Physiologie générale à l'Institut National Agronomique
Directeur adjoint du Laboratoire de Physiologie à la Sorbonne

60 PLANCHES SOUS TEXTE
ET 110 FIGURES EN HAUT DU TEXTE

— — —

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MASSON ET C[°], ÉDITEURS
LIBRAIRES DE L'ACADEMIE DE MÉDECINE
105, RUE SAINT-JACQUES

1897.

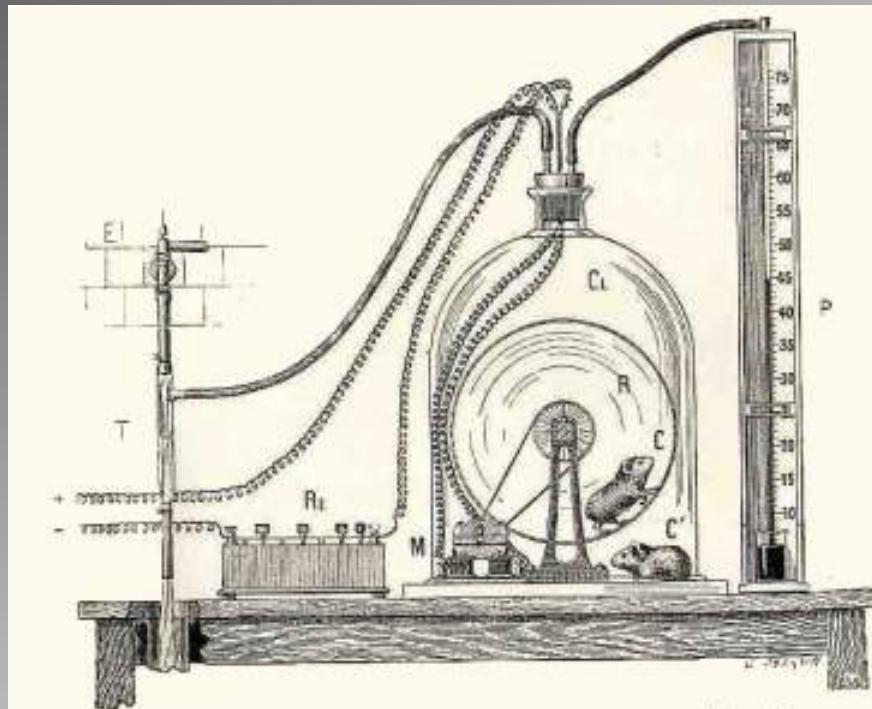
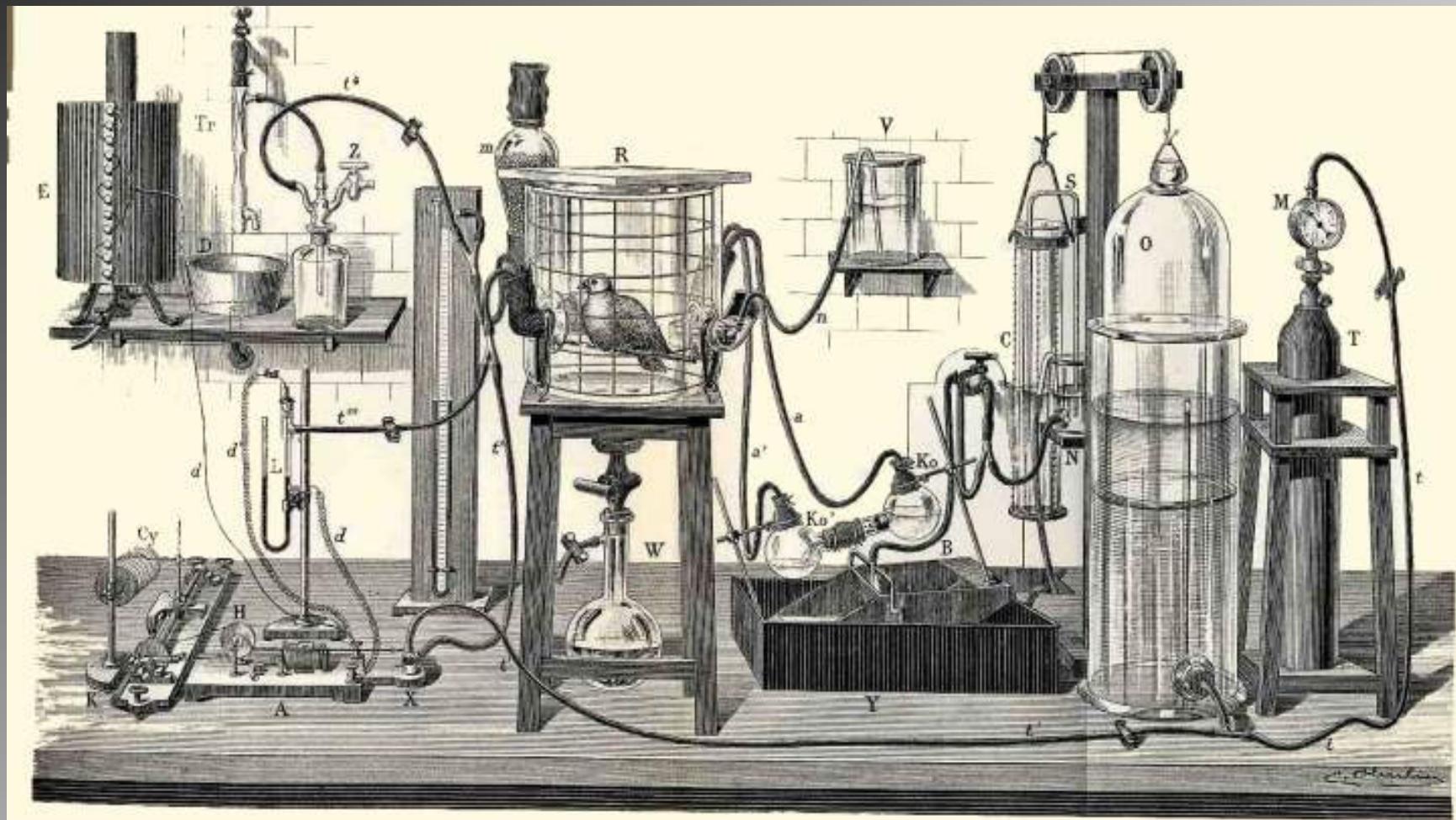
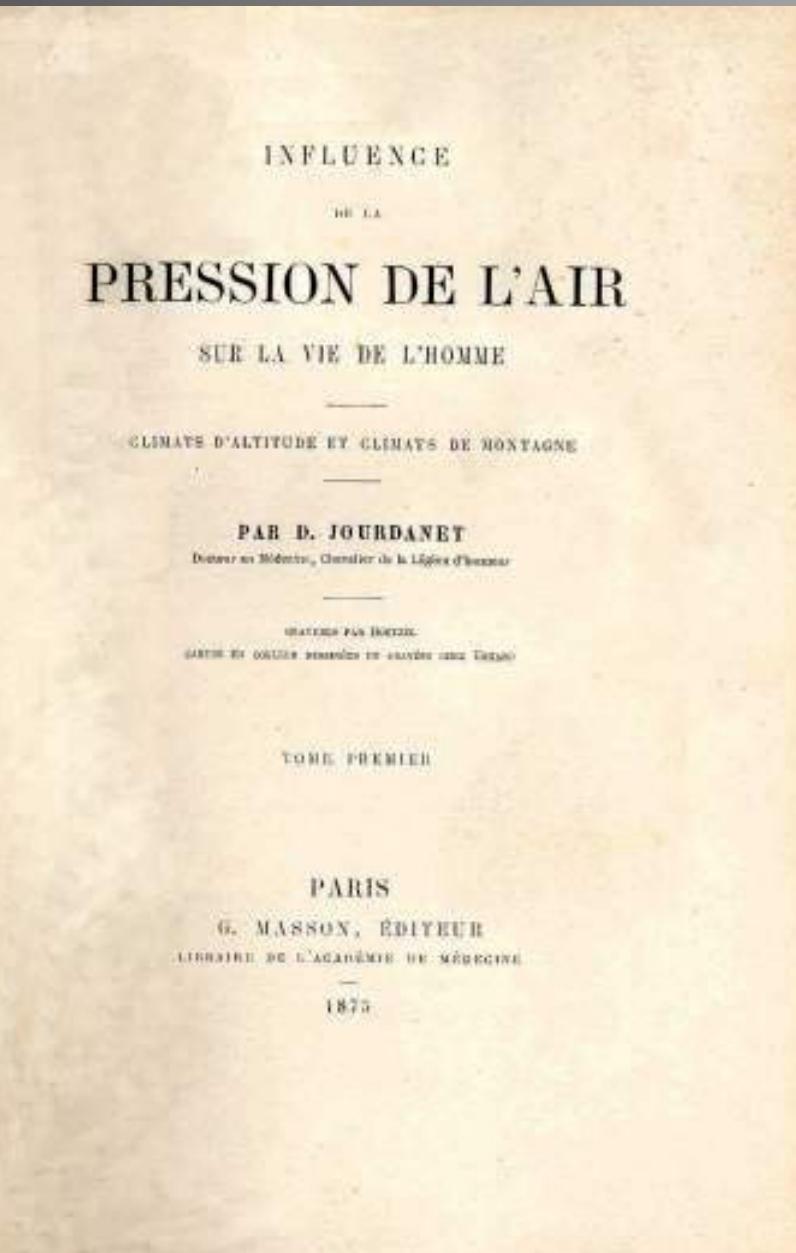


Fig. 23. — Appareil de Degrard pour montrer l'influence de la fatigue sur la production du gaz de mortuaire.



Dispositif pour l'étude de l'action prolongée de l'oxygène sur les êtres vivants.



INFLUENCE

DE LA

PRESSION DE L'AIR

SUR LA VIE DE L'HOMME

CLIMATS D'ALTITUDE ET CLIMATS DE MONTAGNE

PAR D. JOURDANET

Doyen des Médecins, Chancelier de la Légion d'Honneur

FORMAT PAR BOZZIC.

PARIS EN OCTOBRE MILLE ET QUATRE MILLE SEPT CENT DIX

TOME PREMIER

PARIS

G. MASSON, ÉDITEUR

LIBRAIRIE DE L'ACADEMIE DE MÉDECINE

1875



HUMBOLDT TORRE EN SYNCOPE, SUR LE PICHINCHA, A 4807 MÈTRES D'ALTITUDE

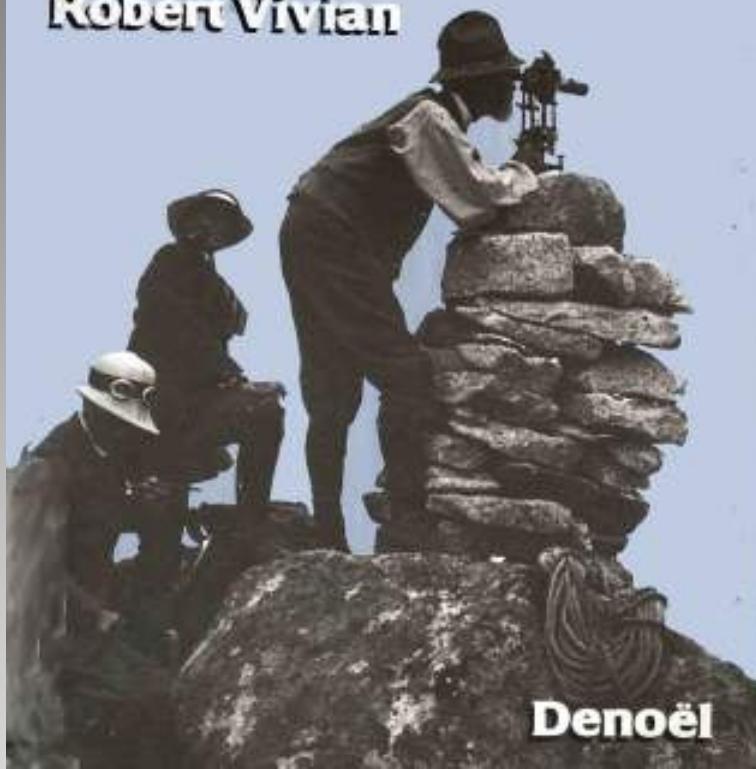
« Mon compagnon... serré ce liège sur l'autre

et me courut alors au pas de course.

(Histoire de Humboldt.)

L'ÉPOPÉE
VALLOT
AU MONT BLANC

Robert Vivian



Denoël











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