1. Preface

The geographical area specifically covered by this publication includes the Indian subcontinent, Myanmar, Thailand, Lao PDR, Cambodia, Viet Nam, Malaysia, Singapore, Brunei, the Philippines and Indonesia (excluding the eastern islands and Irian Jaya) (Figure 1).

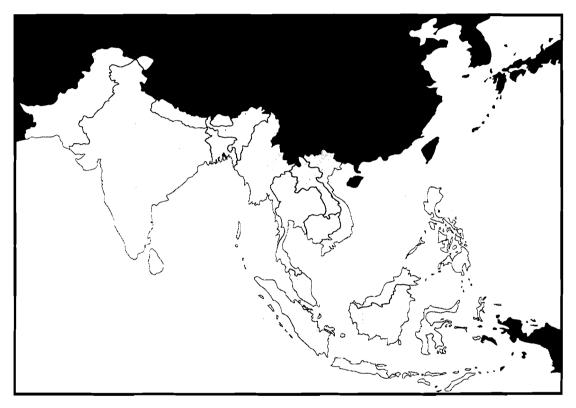


Figure 1: Map of Asia showing the area specifically covered by these Guidelines.

In many parts of this region, snake bite is a familiar occupational hazard of farmers, plantation workers and herdsmen, resulting in tens of thousands of deaths each year and innumerable cases of chronic physical handicap. Much is now known about the species of venomous snakes responsible for these bites, the nature of their venoms and the clinical effects of envenoming in human patients. This publication aims to pass on a digest of this knowledge to medical doctors, nurses, dispensers and community health workers who have the responsibility for treating victims of snake bite.

The guidelines are intended to provide enough practical information to allow any medically-trained person to assess and treat a patient with snake bite at different levels of the health service. Recommendations are based on clinical experience and, where possible, on the results of clinical trials. The restrictions on the size of this document prevented the inclusion of detailed references to the original publications on which these recommendations were based. These can be found in the papers and reviews listed in "Further Reading".

Any recommendations must be continually reconsidered in the light of new evidence and experience. Comments from readers are welcomed so that future editions can be updated and improved.

Acknowledgements

Professor David Warrell wrote the first draft of the Guidelines and edited this in accordance with discussions by the international panel of experts (pp 7 and 8). Additional comments were received from Dr U Tun-Pe (Myanmar), Professor Md A Faiz (Bangladesh) and Dr JD Firth (UK).

Miss Eunice Berry (Centre for Tropical Medicine, University of Oxford), typed the several drafts of the manuscript. Ms Vimolsri Panichyanon (Assistant Programme Coordinator, SEAMEO TROPMED Network) and Drs Suvanee Supavej and Parnpen Viriyavejakul (Deputy and Assistant Deans for International Relations, Faculty of Tropical Medicine, Mahidol University), under the overall direction of Professor Sornchai Looareesuwan, were responsible for organising the meeting of the international panel of experts in Bangkok on 29-30 November 1998.

This publication has been sponsored by WHO (SEARO), New Delhi.

1.1 Names and addresses of the international panel of experts who contributed to the Guidelines

Bishnu Bahadur Bhetwal Bijalpura - 2 VDC PO - Bijalpura Dist - Mahottari Nepal

Kirpal S Chugh Kothi No 601, Sector 18B Chandigarh - 160 018 India

David G Lalloo Nuffield Dept Clinical Medicine, University of Oxford John Radcliffe Hospital Headington Oxford OX3 9DU UK

Sornchai Looareesuwan SEAMEO TROPMED Regional Centre for Tropical Medicine Faculty of Tropical Medicine Mahidol University 420/6 Rajvithi Road Bangkok 10400 Thailand

May-Mya-Win Renal and Dialysing Units Tingangyun Sanpya Hospital Yangon Myanmar

Lena Sjöström
Therapeutic Antibodies Ltd
Clinical Operations (UK)
14-15 Newbury Street
London EC1A 7HU
UK

R David G Theakston Alistair Reid Venom Research Unit Liverpool School of Tropical Medicine Pembroke Place Liverpool L3 5QA UK

David A Warrell Centre for Tropical Medicine University of Oxford John Radcliffe Hospital Headington Oxford OX3 9DU UK

George Watt
Department of Medicine
AFRIMS
315/6 Rajvithi Road
Bangkok 10400
Thailand

Julian White State Toxinology Services Poisons Information Centre Adelaide Children's Hospital King William Street North Adelaide SA 5006 Australia