



Contents

	Page
Foreword, <i>by Dr Halfdan Mahler</i>	vii
Preface	ix
Acknowledgements	xiii
Chapter 1. The clinical features of smallpox	1
Chapter 2. Variola virus and other orthopoxviruses	69
Chapter 3. The pathogenesis, pathology and immunology of smallpox and vaccinia	121
Chapter 4. The epidemiology of smallpox	169
Chapter 5. The history of smallpox and its spread around the world	209
Chapter 6. Early efforts at control: variolation, vaccination, and isolation and quarantine	245
Chapter 7. Developments in vaccination and control between 1900 and 1966	277
Chapter 8. The incidence and control of smallpox between 1900 and 1958	315
Chapter 9. Development of the global smallpox eradication programme, 1958–1966	365
Chapter 10. The Intensified Smallpox Eradication Programme, 1967–1980	421
Chapter 11. Smallpox vaccine and vaccination in the Intensified Smallpox Eradication Programme	539
Chapter 12. South America	593
Chapter 13. Indonesia	627
Chapter 14. Afghanistan and Pakistan	659
Chapter 15. India and the Himalayan area	711
Chapter 16. Bangladesh	807
Chapter 17. Western and central Africa	849
Chapter 18. Zaire and Sudan	911
Chapter 19. Eastern Africa: Kenya, Uganda, United Republic of Tanzania, Rwanda and Burundi	945
Chapter 20. Southern Africa	969
Chapter 21. Ethiopia, Yemen and Democratic Yemen	997
Chapter 22. Somalia and Djibouti	1037

Chapter 23. Smallpox in non-endemic countries	1069
Chapter 24. The certification of eradication: concepts, strategy and tactics	1103
Chapter 25. Certification by international commissions: 1973–1977	1149
Chapter 26. Certification of 29 countries of Africa and Asia: 1978–1979	1195
Chapter 27. The completion of global certification: the Horn of Africa and China	1227
Chapter 28. Post-eradication operations: implementation of the recommendations of the Global Commission	1263
Chapter 29. Human monkeypox and other poxvirus infections of man	1287
Chapter 30. Potential sources for a return of smallpox	1321
Chapter 31. Lessons and benefits	1345
References	1371
Index of names	1411
Subject index	1421