
Contents

Introduction	viii
1. The Evolving Epidemic	1
'At risk' groups	5
AIDS in Europe	8
Mortality	9
Revision of the case definition of AIDS	9
References	11
2. AIDS — The Cause	12
Characteristics of HIV	12
Pathophysiology of infection with HIV	15
Co-factors	15
The origins of the virus	17
Incubation period	19
References	19
3. The Immunological Background to the Acquired Immune Deficiency Syndrome	23
Prevention of invasion	23
Containment of invading pathogens	24
Acquired immunity — the specific immune response	25
Humoral immunity	25
Cell-mediated immunity	29
Immune dysfunctions	29
Immunodeficiency seen in AIDS	31
Laboratory results in patients with AIDS	32
References	33
4. The Means of Transmission	34
'At risk' groups	36
Risk factors	36
References	38

5. The Presenting Illnesses of Acquired Immunodeficiency Syndrome	40
AIDS-related complex	40
AIDS	42
Summary	54
Further reading	54
6. The Rationale for Strategic Nursing Care	55
Virus fragility	55
HIV and infection control (IC) procedures	56
HIV and general IC precautions	60
References	73
7. The Individualized Care of Patients with AIDS	74
Strategic nursing care: a model for patients with HIV-related disease	75
Needs	75
Summary	102
References	103
8. Nursing in Special Departments and in the Community	104
The care of patients in the operating department	104
The care of patients in the out-patients department	106
The care of the patient in the STD clinic	106
The nursing care of patients in the community	106
The care of the patient in the obstetric service	109
Caring for patients in the accident and emergency department	110
Caring for patients in the intensive care unit	111
Summary	111
References	112
9. Issues and the Management of Strategic Nursing Care	113
Co-ordination of nursing care	113
In-service education	114
Infection control nurse	114
Conditions of employment	115
Dedicated wards and clinics	115
Counselling services and support groups	116
Confidentiality	116
Public relations	117
Screening for anti-HIV	117

Employment of health care workers who are infected with HIV	119
Patient's Bill of Rights	121
Resuscitation	122
Summary	122
References	123
Further reading	123
10. The Medical Treatment of HIV Infection	124
Medical treatment	124
Summary	126
References	127
Index	129