

Contents

STAGE 1. ENGLISH IN ANATOMY AND PHYSIOLOGY	9
I. The human body	9
Unit 1. The parts of the human body	9
Unit 2. The cavities, systems and organs	12
Unit 3. Anatomical description	15
II. The skeletal system	22
Unit 1. The skeleton	22
Unit 2. The bones: structure and function	29
III. The respiratory system	32
Unit 1. The respiratory tract and the lungs	32
Unit 2. Respiration — exchange and transport of gases	36
Unit 3. Common respiratory disorders	42
Unit 4. Physical examination	46
IV. The circulatory system	51
Unit 1. The blood	51
Unit 2. The heart and the blood vessels	54
Unit 3. Common circulatory disorders	61
Unit 4. Examinations	65
V. The digestive system	70
Unit 1. The digestive tube structure	70
Unit 2. The teeth: structure, primary and secondary dentition types	75
Unit 3. Digestion	79
Unit 4. Common digestive disorders	84
Unit 5. Physical examinations and clinical laboratory tests	88
VI. The nervous system	91
Unit 1. Division of the nervous system	91
Unit 2. Function	97
VII. The special sense organs	102
Unit 1. The eye	102
Unit 2. The ear	106
VIII. The endocrine system	109

STAGE 2. ESSENTIAL MEDICAL ENGLISH	114
Unit 1. Information about oneself: interviews, letters, application forms	114
Unit 2. General and specialist hospitals	119
Unit 3. A nurse at work	127
Unit 4. The ward	135
Unit 5. Taking the temperature	143
Unit 6. Taking the pulse	150
Unit 7. Giving injections	156
Unit 8. The paramedical occupations	163
Unit 9. An emergency	171
Unit 10. Casualty and Emergency Department: fracture	178
Unit 11. The family doctor: the doctor's surgery	186
Unit 12. The family doctor: making an appointment	193
Unit 13. The family doctor: at the doctor's surgery	198
Unit 14. The dental surgeon: general dental practice	205
Unit 15. The dental surgeon: dental equipment	212
Unit 16. The dental surgeon: a check-up	223
 STAGE 3. ENGLISH IN PRACTICAL MEDICINE	 231
I. Diagnosis	231
Unit 1. Taking a history	231
Unit 2. Physical examination	237
Unit 3. Accessory investigations	245
Unit 4. Case history	252
II. General practice	260
Unit 1. Pernicious anaemia	260
Unit 2. Peptic ulcer	267
Unit 3. Hyperthyroidism	274
III. Casualty and Emergency Department	280
Unit 1. Lead poisoning	280
Unit 2. Myocardial infarction	285
Unit 3. Bronchial asthma	293
IV. On the wards	299
Unit 1. Acute rheumatic fever	299
Unit 2. Acute cholecystitis	306
Unit 3. Otitis media	312
V. Surgery	318
Unit 1. Appendicectomy	318
Unit 2. Partial gastrectomy	327
VI. Obstetrics and gynaecology	335
Unit 1. Complications of pregnancy	335

Unit 2. Acute pyelonephritis	342
Unit 3. Carcinoma of the breast	347
VII. Paediatrics	353
Unit 1. Respiratory distress in a neonate	353
Unit 2. Tetralogy of Fallot	359
VIII. Dentistry	366
Unit 1. Dental specialties	366
Unit 2. The dental surgery	369
Unit 3. Drugs in dental practice	373
Unit 4. Filling materials and restoration techniques	376
Unit 5. Traumatized anterior teeth	380
Unit 6. Chronic fistula of the mandible	386
Abbreviations	394
Irregular verbs	399
Word list	402