Index

abciximab 189
abdominal examination 28, 29, 302
in pregnancy 316
injuries 81–4
hip symptoms 93
in pregnancy 32, 83
spinal injuries masking 51
pain 83, 302–15
assessment and management 302
central and lower abdomen 307–13
children 346
collapse 303
genitourinary tract 313–15
non-specific 313
non-surgical causes 313
oesophagus and upper abdomen 302–7
radiography 265, 307, 308, 310, 311
abdominal aortic aneurysm, leaking 308
abducens palsy 46
abductor pollicis brevis 120
abortion 320, 321
abrasions 370, 397
abrin 297
Abrus precatorius 297
abscesses 407
see also specific abscesses
accidents 19
see also road traffic accidents
acclimatisation to altitude 237
ACE inhibitors 189, 263, 264
acenocoumarol 259
acetaminophen see paracetamol
acetazolamide 237, 416
N-acetylcysteine (NAC) 272, 273, 274–6, 277
adverse reactions 274
Achilles tendonitis (tendonosis) 101
Achilles tendon rupture 101–2, 103
aciclovir 195, 340, 344, 415, 425
acid burns 142, 143
acquired immune deficiency syndrome (AIDS) 214, 261–2, 385, 388
acromioclavicular joint disruption 111–12
activated charcoal for poisoning 270–1
antidepressants 279
aspirin 277
barbiturates 281
beta blockers 278
calcium channel blockers 278
carbamazepine 280
children 350
cestasy 283
ibuprofen 277
iron (not indicated) 287
mefenamic acid 277
paracetamol 274
paraquat 291
phenothiazines 281
phenytoin 280
salbutamol 278
SSRIs 279
stimulants 282
theophylline 280
active compression and decompression (ACD) 161
acute coronary syndromes (ACSs) 177
biochemical markers 185–7
diagnosis 177–8
ECG 178–81
without ST elevation 187–9
see also specific syndromes
acute radiation syndrome (ARS) 147–9
Adam see ectasy
adder bites 292
Addison’s disease 246
adenosine 170, 173
adenovirus 415
adhesive tapes 69
adrenaline
airway swelling, reducing 3
anaphylaxis 292, 299
angio-oedema 263
asthma 294
bradycardia 165
bronchiolitis 339
croup 336
meningococcal disease 342
stridor 336
suturing 353
contraindications 392, 418
dental extraction, bleeding after 424
epiglottitis 423
EpiPen injection injuries to hand 129
facial injuries 68
hypothermia 158
neonates 318
partial upper airway obstruction 199
poisoning 271
thrombolysis complications 186
adenocortical suppression 12
adult respiratory distress syndrome 78
Adults with Incapacity Act (2000) 377, 378
advance directives 378, 379
adults 17
children 156
choking 196
trauma 157–8
trauma (ATLS) 19–20
chain of care 21
definitive care 30
primary survey and resuscitation 20, 21–7
secondary survey 20–1, 27–30
training 20
Aedes aegypti 255
Aedes albopictus 255
aerocele 44
aerosols, incapacitating 294
age factors
aortic aneurysm, leaking abdominal 308
appendicitis 309
atrial fibrillation 171
child abuse 354
compartment syndrome 110
diverticular disease 309
epicondylitis 324
glioblastoma 265
malignant hypertension 239
migraine 226
patellar fractures 98
Perthes’ disease 92
hyperemesis gravidarum 320
pneumothorax 193
porphyrias, acute 265
pulled elbow 117
scaphoid bone fractures 124
stroke 183
suicide 364
testicular pain 323
tetanus 234, 396
ureteric colic 313
violent crime 371
see also children; elderly people
aggregated data 382
aggressive patients 286, 358, 359, 366–7
head injuries 34
hypoglycaemia 240
in policy custody 381
aggressive relatives 367–8
adults 34
bronchiolitis 339
meningococcal disease 342
stridor 336
violence 371
airgun wounds 371
airway 1–3
allergic reactions 299
artificial see artificial airway
burns 137
cardiac arrest 154, 157
children 329–30
collapsed patient 219
facial fractures 64
head injuries 36, 37
obstruction 1–3, 329–30
prehospital care 15
surgical 3, 196, 198
trauma patients 21–3

© 2012 Blackwell Publishing Ltd. Published 2012 by Blackwell Publishing Ltd.
Index 427

alcohol and intoxication 360–3, 374–6
aggressive patients 286, 367
ataxia 231
blood samples 375–6
brachial plexus injuries 114
burns 137
child abuse 353
elimination of alcohol from body 375
epigastric pain and tenderness 304
forearm and wrist wounds 119
head injuries 37, 39, 41, 42, 44, 46
hypoglycaemia confused with intoxication 240–1
hypothermia 243
labouratory units of alcohol 375
legal limits for drivers 375
Mallory–Weiss syndrome 304
measurement of blood alcohol 286, 375
pancreatitis 307
peripheral neuropathies 232
rib fractures 76–7
sexual assault 373
rib fractures 76–7
snuff box 139
spinal injuries 32
strokes 227
trauma patients 28

acute coronary syndromes
without ST elevation 188
aortic aneurysm, leaking abdominal 308
biliary disease 307
bolus 407
bowel obstruction 311
burns 136, 138, 140
carbuncles 407
children 333, 334, 352–3
clavicular fractures 111
collapse 220–1
disturbed patients 359
elbow dislocation 118
flat segment 77
frostbite 409
head injuries 37
humoral fractures 115, 116
influenza 212
irradiation 148
limb problems 86
migraine 226
oesophageal pain and bleeding after vomiting 304
pancreatitis 307
parapharyngitis 325
peritonitis 308
pleurisy 194
pneumomediastinum 194
porphyrias, acute 265
pulmonary embolism 216
radial fractures 120
rib fractures 76–7
rotator cuff injury 112
scapular fractures 115
and sedation 16, 17
shoulder dislocation 114
sickle cell disease 257
STEMI 181
temporal arteritis 226
tension headache 227
transient ischaemic attack 230
stroke 129
unstable 187, 191
variceal haemorrhage 305
withdrawal 313, 360–1
psychiatric syndromes 360

alcoholism 362
alkaline burns 142
allergic conjunctivitis 415
allergic reactions 299–300
allopurinol 405
alteplase 182, 184, 185, 186, 216, 227
altitude-related illness 236–7
Amanita phalloides 285
amantadine 213
amaurosis fugax 417
amethocaine 411
amaurosis fugax 417
anaphylaxis 292, 299
angina
mesenteric 309
stable (angina pectoris) 191
unstable 187, 191
angio-oedemas 263–4, 300, 313
anion gap 221, 269
anistreplase 185
ankle fractures 120
ureteric colic 314
vaginal bleeding in pregnancy 320

antibiotics
bacterial meningitis 340
bacterial tracheitis 336
biliary disease 307
bronchiectasis 207
children 336, 339, 340, 341, 343
chronic obstructive pulmonary disease 207
hand injuries 129, 132
infected endocarditis 240
limb problems 87
meningococcal disease 341, 343
oesophageal pain and bleeding after vomiting 304
olecranon bursitis 119
panic attacks 307
peritonitis 308
pleurisy 194
pneumonia 209, 210–11, 339
resistance to 255
rocky mountain spotted fever 256
sepsis and septic shock 261
surgical emphysema 76
trauma patients 28
typhus fever 255
urinary tract infection 324
variceal haemorrhage 305
anticoagulation 172, 229, 259–60, 308
anticonvulsants 344
antidepressants, poisoning 278–9, 331

anaphylaxis 292, 299
antifebrile 288
antivenom 292, 400
aortic aneurysms 7, 61, 308
aortic dissection 192
aortic flow 25

APACHE (Acute Physiology and Chronic Health Evaluation) score 32
Appar score 318
apnoea, transient 46
appendicitis 309, 310
aprotinin 186
‘arc eye’ 413
Area Child Protection Committee (ACPC) 384
arterial embolism 107–8
artesunate 253
artificial airway
children 330
complete upper airway obstruction 196
consciousness, depressed level of 2
physical obstruction, bypassing 3
trauma patients 22
asphyxia 31, 78, 198, 371
aspiration pneumonia 32, 211
aspirin
acute coronary syndromes without ST elevation 188–9
arterial embolism 108
contraindications 189
Dressler’s syndrome 192
inadequate protection against venous thromboembolism 222
Kawasaki’s disease 348
migraine 227
pericarditis 192
poisoning 268, 269, 271, 277
STEMI 181, 182
stroke 229
temporal arteritis 226
transient ischaemic attack 230
asthma 201–5
cardiac 208
children 201, 205, 336–8
asystole 150, 160, 215
ataxia, sudden onset of 231
atelectasis 214
atenolol 182, 189, 239
athlete’s foot 406
atlantoaxial joint 56
atlantoaxial rotary subluxation 58
atraumatic fibrillation (AF) 168
fast 164, 168, 171–2
paroxysmal 171
stroke 227, 229
transient ischaemic attack 230
atrial flutter 168, 170–1
atrial tachycardia 255
atrioventricular nodal re-entry circuits 168
cocaethylene, poisoning 284
co-amoxiclav
coagulopathy 26
clotrimazole 406
Clostridium tetani
Clostridium septicum
Clostridium perfringens
Clostridium novyi
Clostridium botulinum
clopidogrel 44, 188, 229,
clinical forensic medicine
climbers 236–7
clergyman’ s knee 99
cleaning materials, poisoning 289
clay shoveller’ s shoulder 57
Claviceps purpurea
clarithromycin
CK-MB 185, 187, 188
civil detention orders 379, 380
Civil Contingencies Act (2004) 15
citalopram 174
cirrhosis 305
circulation 5–7
urinary tract infection 324
small wounds 394, 399
pneumonia 211
phlebitis 110
neutropenic sepsis 260
gas gangrene 267
neutropenic sepsis 260
phlebitis 110
pneumonia 211
small wounds 394, 399
urinary tract infection 324
cocathene, poisoning 284
cocaine
analgesia 353
bed injuries 157
chest pain 195
hyperthermia 246
poisoning 284
psychiatric syndromes 360
rhabdomyolysis and myoglobinuria 266
withdrawal 366
coxygodynia 62
coccyx, injury to the 62
codeine 282, 334
co-fl uampicil 407
colic, three months’ 349
collapse 219–37
abdominal pain 303, 307
altitude-related illness 236–7
assessment and management 219–21
botulism 234–6
cerebrovascular events 227–9,
230–1
children 221
convulsions 231–2
decompression sickness 236
-driving after 222, 230–1
elderly people 221–2
labyrinthitis 231
of the lung 214
neurological problems 223–7
peripheral neuropathies 232–3
pressure sore prevention 222–3
syncope 223
tetanus 233–4, 235
transient global amnesia 231
transient ischaemic attacks 299–31
venous thromboembolism prevention 222
at the wheel 376
collateral ligament injury (of the knee) 96
Colles’ fracture 121–2
coma after cardiac arrest 162, 163
collapse 219, 220
hepatic 246–7
hypersomolar (non-ketotic) diabeti 242–3
hypoglycaemia 12
induced, for rables management 424
poisoning 279, 284
prognosis 33
combined oestrogen and progestogen contraceptive pills 109, 191
community-acquired pneumonia 209–10, 211
compartment syndrome 87, 88, 110
complaints 387–8
compliance with treatment, and relief of suffering 13
compulsory detention 379
computed tomographic pulmonary angiography (CTPA) 216
computed tomography (CT) abdomen 82, 83
alcohol poisoning 286
back pain 61
bowel obstruction 311
bronchiectasis 207
calcaneal fracture 105
cerebrovascular accident 227, 229
encephalitis 340
facial injuries 65, 67
great vessel injuries 81
headache 224
head injuries 34, 35–6, 37, 39, 40, 41, 46, 224
abducens palsy 46
aerocoele 44
apnoea, transient 46
cerebral contusions 45
children 42
cortical blindness 46
extradural haematoma 44, 45
skull fractures 42, 43, 44
subarachnoid haemorrhage 45, 225
subdural haematoma 44, 45
hip 89, 90, 91
hyponatraemia 251
meningitis 340
myocardial infarction and the acute coronary syndromes 178
pelvis 84
pneumothorax 193
retropharyngeal abscess 423
shoulder and upper arm 111
sickle cell disease 257
spinal trauma 54, 55
subarachnoid haemorrhage 45, 225
transient ischaemic attack 229,
230
trauma patients 29
Wernicke-Korsakoff syndrome 362
conestat alfa 263
confidentiality 384
confusional states 4, 358–9
congenital abnormalities 343, 346
congestive cardiac failure (CCF) 208
conjunctival oedema, acute 415
conjunctivitis 415
consciousness assessment in children 332
AVPU see AVPU scoring system depressed level of 220
airway 2, 3
alcohol 37, 286
children 41
disability 7, 10–11
extradural haematoma 44
head injuries 33, 34–6, 37, 44
hypoglycaemia 12
poisoning 269, 286
trauma patients 22
loss of 33
transient 223
consent 377–8
blood sampling 375–6
children 384
police, release of information to the 381–2
contact lens abrasions 412
contamination 143–7
continuous positive airway pressure (CPAP) 4, 209, 217, 295
contraceptive pills
emergency 321–3
poisoning 267
venous thrombosis 108–9, 191
controlled drugs 373–4
convulsions 231–2
alcohol withdrawal 361
antidepressant poisoning 279
see also fits and seizures
COPD see chronic obstructive pulmonary disease
copper sulphate solution 143
Cordylobia anthrophaga 400
Corynebacterium diphtheriae 400
cortical necrosis, acute 247
cortical blindness 46, 417
cor pulmonale 206
coroners 385–6
coronary heart disease (CHD) 177
coronary artery bypass graft (CABG) surgery 183
corony heart disease (CHD) 177
coroners 385–6
cor pulmonale 206
cortical blindness 46, 417
cortical necrosis, acute 247
cortico-steroids
Achilles tendonitis 101
Addison’s disease 246
adrenocortical suppression 12
asthma 204, 205
chronic obstructive pulmonary disease 207
de Quervain’s tenosynovitis 126
epicondylitis 119
frozen shoulder 115
Giant hogweed burns 114
infective
for head injuries 35
for traumatic asphyxia
syndrome 78
local injection of 88–9
plantar fasciitis 106–7
spinal cord injuries 51
Supraspinatus tendinitis/subluxation 398
subacromial bursitis 112
temporal arteritis 226
corticosteroids
Cryoprecipitate 258
crying infants 349–50
crutches 88, 96, 98, 100, 101, 104, 106
Cushing’s response 35, 37
Cutaneous myiasis 400
CXR see chest X-ray
Cyanosis 4
Cyanide poisoning 296
Cyclizine 148
Dantrolene 271, 283, 301
Cystitis 314
Cytomegalovirus (CMV)-negative blood 26, 32
danazol 263
dantrolene 271, 283, 301
Data Protection Act (1988) 382
demeclocycline 251
delirium 358–9
delirium tremens 361–2
demeclocycline 251
dementia 359
dentritic corneal ulcers 415
dengue fever 255
diabetes 201, 202, 204
Diabetes 201, 202, 204
botulism 9
Brain-stem 386–7
Burns 140
Cardiac arrest 160, 161, 162, 163, 329
Cerebrovascular disease 227
Children
abuse 41
Cardiac arrest 329
Diabetic ketoacidosis 344
Meningococcal disease 342
Sudden infant death syndrome 346, 356
Cholanthritis 307
Chronic obstructive pulmonary disease 205, 206
Reflex 3
Rib fractures 77
Coxiella burnetti 212
Counselling 369, 373
Court appearances 383
Court orders 381
CPAP (continuous positive airway pressure) 4, 209, 217, 295
Crack cocaine 284
Creatine kinase–myocardial band (CK-MB) 185, 187, 188
Cricoid pressure 3
Cricothyroidomy 400
Complete upper airway obstruction 196, 198
Facial injuries 64
Needle 22, 23, 197, 199
Partial upper airway obstruction 199
Site for 23
Surgical 22, 25, 198
Trauma patients 22, 23
Crime and Disorder Act (1998) 382
Crohn’s disease 310, 327
Cross-pupil reflex 411
Croup 335–6, 346
Cruciate ligament injury 96
Crush wounds 397–8
Crutches 88, 96, 98, 100, 101, 104, 106
Crying infants 349–50
Cryoprecipitate 258
Crystal arthropathy 97, 119
CT see computed tomography
CURB-65 criteria, pneumonia 209
Cushing’s response 35, 37
Cutaneous myiasis 400
CXR see chest X-ray
Cyanosis capillata 400
Cyanide poisoning 296
Cyanosis 4
Cyclizine 148
Cyclophosphamide 412
Cyproheptadine 283, 301
Cystitis 314
Cytomegalovirus (CMV)-negative blood 26, 32
danazol 263
dantrolene 271, 283, 301
Data Protection Act (1988) 382
D-dimer test
Deep vein thrombosis 214
Hypersonic vascular disease 309
Pulmonary embolism 191, 216
Deadly nightshade 290
Death
accidental 19, 41
Alcohol-related 19, 362
Aortic aneurysm, leaking abdominal 308
Asthma 201, 202, 204
Brain-stem 386–7
Bums 140
Cardiac arrest 160, 161, 162, 163, 329
Cerebrovascular disease 227
Children
Abuse 41
Cardiac arrest 329
Diabetic ketoacidosis 344
Measles 333
Meningococcal disease 342
Sudden infant death syndrome 346, 356
Cholanthritis 307
Chronic obstructive pulmonary disease 205, 206
Climbers 237
Clinical diagnosis 386
Coma, traumatic 33
Coronary heart disease 177
Coronary artery bypass graft (CABG) surgery 183
Delirium tremens 362
Diabetic ketoacidosis 241, 344
Diphtheria 422
Domestic violence 372
Ectopic pregnancy 321
Electrocardiography 44
Gastrointestinal haemorrhage 305
Generalised pustular psoriasis, acute 265
Glanders 256
Guillain–Barré syndrome 233
Haemolytic uraemic syndrome 400
Head injuries 33, 41
Heart failure 208
Hypothermia 244
Influenza 212, 213
Irradiation 148
Malaria 253
Measles 347
Meningococcal disease 342
Myocardial infarction 178
Organ and tissue donation 387
Pneumonia 209
Poisoning 288, 292, 297
Psychiatric patients, medical conditions in 360
Pulmonary embolism 214
Rabies 254
Reporting 385–6
Status epilepticus 232
Sudden infant death syndrome 346, 356
Tetanus 234
Trauma 19, 32
Varicose haemorrhage 305
Venous thromboembolism 222
Death cap mushrooms 285
Decompression sickness 236
Deep vein thrombosis (DVT) 208
Lower limb 108–10
Prevention 222
Pulmonary embolism 216
After recombinant factor VIIa administration 27
Upper limb 126–7
defibrillation 155, 158–60, 245
Safety of staff 159
Definitive care 14
Burns 139–40
Trauma patients 30
Degenerative disease of the hip 91
Dying injuries 398
Dehydration, children 348, 349
Deliberate self-harm 364–5
Delirium 358–9
Delirium tremens 361–2
Dexamethasone 237, 336, 340, 341, 344
Dextropropoxyphene 282
Dextrose 34, 333
Diabetes
Abdominal pain 313
Burns 137
Children 333
Cholecystitis, acute 307
Coronary heart disease 177
Endocarditis 239
Hyperosmolar (non-ketotic) diabetic coma 242–3
Macular disease 417
STEMI 182
Vitreous haemorrhage 417
Diabetic ketoacidosis (DKA) 5, 241–2
Children 344–6
Diagnostic peritoneal lavage (DPL) 81
Diamorphine 181, 188, 208, 334, 366
Diphragmatic irritation 313
Diphragmatic rupture 83
Diarrhoea
Children 348–9
Gastroenteritis 311
Travellers 254–5
Index

433

...
electrocardiography (ECG) (cont’d)
heart and great vessel injuries 79, 81
hyperkalaemia 247, 248
hypokalaemia 249
hypothermia 244–5
immediate 13, 14
long Q–T syndromes 174
myocardial infarction 178, 180–1
palpitations 240
pericarditis 192
pulmonary embolism 216
reperfusion therapy 178–81
respiratory distress 200, 216
STEMI 177, 178–80, 181
supraventricular tachycardia 168
torsades de pointes 173
ventricular tachycardia 172
electrocution 144–5
electromechanical dissociation
electrocution 144–5
electromechanical dissociation (EMD) see pulseless electrical activity
emergency contraception 321–3
emergency procedures, general
airway 1–3
breathing 3–5
circulation 5–7
disability 7–11
environment and exposure 11
fits 11–12
glucose 12
history 12
immediate next steps 12–15
sedation and general anaesthesia 15–18
Emergency Protection Order (EPO) 385
emesis 270
Emla cream 353
emotional abuse of children 355
emphysema 206
encephalitis 225, 340
endocarditis 239–40
encephalitis 225, 340
endometriosis 315
endoscopy, variceal haemorrhage 306
endotracheal intubation 3
burns 137
cardiac arrest 154, 157
children and infants 330
upper airway obstruction 196, 199
enoxaparin 109, 184, 189, 216, 222
Entamoeba histolytica 254
Entronx 17, 353
entrapment of casualties 14–15
envenoming 291–2
examination
immediate 14
trauma patients 27–8
examination 247
exposure 11
children 332–3
collapse 220
trauma patients 27
Exterol ear drops 418
eye problems 71, 416
eyelid problems 71, 416
eye problems 65, 69, 71, 411–17
burns 142
face
injuries 64–71
burns 142
fractures 64–8
wounds 66–9
pain 425
palsy 425
sensory loss 65
surgical emphysema 65
facititious disorders 368
factitious illness by proxy 368
fainting 223
falls
biomechanics 20, 33
calcaneal fractures 105
deaths from 19
facial injuries 64
forearm and wrist fractures 121, 124
great vessel injuries 80
head injuries 33, 43
hip injuries 89, 91
multiple injuries 19
pelvic injuries 84
pulled elbow 117
radial head/neck fractures 118
sprained wrist 125
stroke 228
supracondylar fractures 117
false black widow spider 399
family see relatives and friends
feet
bones 105
calcaneal fractures 105–6
foot drop 232
forefoot fractures 107
foreign bodies 402
hair tourniquets 402
nails through 401–2
pain 16–7
puncture wounds 401
talar fractures 104–5
tarsometatarsal fractures/
dislocations 106
toe fractures 109
femoral artery occlusion 108
femoral fractures 89–90, 91, 93–4, 121
femoral hernia 93
femoral nerve block 94
femoral stretch test 93
femoral vein 110
fentanyl 17, 334
fetocardiocotography (FCTG) 84
fibrinolysis 183
fibular fractures 97, 101, 121
fifth disease 347
filgrastim 260
finger injuries 129–34
first-degree heart (AV) block 165
first disease 347
fish, scombroid (toxic effects) 291
fish hooks 402
fits and seizures
anoxic 223
after cardiac arrest 161
children 333, 343–4
collapse 220
head injuries 35, 37
see also convulsions
fixed second-degree heart block 166–7
flail segment 77
flap wounds 398
flecainide 170, 172
flexor tendon injuries 131
fluoxacillin
bacterial tracheitis 336
bunions 406
carbuncles 407
cellulitis 406
children 336, 339
CSF leakage 63
diabetes mellitus 440
diabetes mellitus 17
facial bone fractures 65
herpes simplex infections 407
impetigo 407
limb injuries 336
nails through hands or feet 402
otitis externa 47
paronychial infections 408
pneumonia 210–11
small wounds 394, 402
spinal epidural abscess 61
fluid replacement 7
burns 138–9, 140
children 331–2
diabetic ketoacidosis 344
Guillain–Barré syndrome (acute polyneuritis) 233

gunshot wounds 79, 371, 398
release of information to the police 382

gurgling sounds, partial upper airway obstruction 1

guttate psoriasis, acute 408

gynaecological problems 315, 319–23

haemarthrosis of the knee 96, 97

haematacrit 7, 24, 26

Haemophilus influenzae

haemophilia 26, 93

haemopericardium 78

haemin infusion, acute porphyrias

haematuria in the absence of signs

haematocrit 7, 24, 26

haemarthrosis of the knee 96, 97

Hartmann’s solution 7, 25, 241

Hastman’s sign 194

hands 128

bouts 142

finger injuries 129–30, 132–4

foreign bodies in the 402

hair tourniquets 402

immediate assessment and management 128

ischaemia 127

median and ulnar nerve supply to muscles involved in movements of the 120, 129

metacarpal fractures 131–2

nails through 401–2

thumb injuries 134–5

wounds 128–31

Hartmann’s solution 7, 25, 241

head examination 28

injuries 33

advice to discharged patients 41

ambulant patients 38–42

biomechanics 33

in children 41–2

collapse 224

complications 39–40, 46

consciousness, depressed level of 34–6

electrocution 144

non-accidental 41–2

observation following 40

radiology 46–9

specific injuries 36–8, 42–6

headache 223–4, 225, 226–7

Health and Social Care Act (2008) 388

Health Protection (Notification) Regulations (2010) 388

Health Services Commissioner 387–8

hearing loss 417, 418

heart blocks

complete 165

incomplete 165–7

heart failure 242

heart injuries 78–80

heart rate

fast 5, 6

myocardial infarction and the acute coronary syndromes 178

slow 5

heart sounds, absent/quiet 5

heart transplant patients 170

heat exhaustion/heat stroke 246

heavy metal poisoning 298

Heimlich’s manoeuvre 196, 198

Helicobacter pylori

heavy metal poisoning 298

Heliox 199, 204

hemolytic uraemic syndrome (HUS) 262–3, 312

children 349

heparin

acute coronary syndromes without ST elevation 189

atrial fibrillation 172

diabetic ketoacidosis 242

hyperosmolar diabetic coma 243

pulmonary embolism 218, 219, 220

STEMI 184, 185

venous thrombosis 109, 222

hepatic coma 246–7

herpes zoster 313

herpes simplex infections 407

herpes zoster 313

hidradenitis suppurativa 407

high-pressure hose injection injuries 129

hip 89–93

history taking

children 333–4

collapse 220

hand injuries 128, 34, 38, 39

immediate 12, 14

trauma patients 27

HIV 261–2

blood and body fluid exposure

needlestick injuries 403–4

sexual exposure 322–3

endocarditis 239

pneumothorax 192

reporting scheme 388

haemorrhage

partial upper airway obstruction 2

homelessness 14

Horner’s syndrome 114

horsefly bites 399

hospital-acquired pneumonia 210, 211

hot tar burns 144

household substances, poisoning 289–90

housemaid’s knee 99

human bot fly 400, 401

human immunodeficiency virus see HIV

human tetanus immunoglobulin 397

humoral fructases 115, 116

hydrocortisone

Addison’s disease 246

adrenocortical suppression 12

allergic reactions 299, 300

asthma 204

children 337

chronic obstructive pulmonary disease 207

otitis externa 417

stings 399

sunburn 144

thrombolysis complications 186

hydrofluoric acid burns 142, 143

hydrogen sulphide poisoning 295

hydroxocobalamin 296

Hymenoptera 399

hyoscine butylbromide 420

hyoscine hydrobromide (scopolamine) 231

hyperbaric therapy 237

hypercalcaemia 249

hypercapnic respiratory failure, risk of 5

hyperparathyroidism 319–20

hyperpyrexia 245–6

hypertension

accelerated/very severe 239

coronary heart disease 177

malignant 239

stroke 183

hypertensive encephalopathy 239

hyperthermia 245–6

hypertonic saline 7, 25

hyperventilation 5, 36, 218

hypertension

without ST elevation 189

atrial fibrillation 172

diabetic ketoacidosis 242

hyperosmolar diabetic coma 243

pulmonary embolism 218, 219, 220

STEMI 184, 185

venous thrombosis 109, 222

hypertensive encephalopathy 239

hyperthermia 245–6

hypertonic saline 7, 25

hyperventilation 5, 36, 218

hyperparathyroidism 319–20

hypoglycaemia 249

hypertensive encephalopathy 239

hyperthermia 245–6

hypertonic saline 7, 25

hyperventilation 5, 36, 218

hypocalcaemia 26, 143, 249–50

hypoglycaemia 12, 240–1

children 31, 332, 333

consciousness, depressed level of 7, 12

disturbed patients 359

head injuries 34

postural 223

trauma patients 27, 31

hypokalaemia 247, 248–9, 266

hyperlipidaemia 177

hyperosmolar (non-ketotic) diabetic coma 242–3

hyperpyrexia 245–6

hypertension

accelerated/very severe 239

coronary heart disease 177

malignant 239

stroke 183

hypertensive encephalopathy 239

hyperthermia 245–6

hypertonic saline 7, 25

hyperventilation 5, 36, 218

hyperparathyroidism 319–20

hypoglycaemia 249

hypertensive encephalopathy 239

hyperthermia 245–6

hypertonic saline 7, 25

hyperventilation 5, 36, 218

hypocalcaemia 26, 143, 249–50

hypoglycaemia 12, 240–1

children 31, 332, 333

consciousness, depressed level of 7, 12

disturbed patients 359

head injuries 34

postural 223

trauma patients 27, 31

hypokalaemia 172, 293, 249

hypomagnesaemia 249, 250

hyponatraemia 250–1

hypoponism 210

hypotension

antidepressant poisoning 279

head injuries 37, 38

spinal cord injuries 51

hypothermia 243–5

burns in children 143

cardiac arrest 158, 159

therapeutic hypothermia 162–3

caused by rapid blood transfusion 26

trauma patients 26, 27

children 31

hypothyroidism 244

hypovolaemia

abdominal trauma in pregnancy 84

autonomic response 6

fluid replacement 7

heart rate, slow 5

limb problems 86
myocardial pain 303
myocarditis 239
myoglobin 185, 187, 188
myoglobinuria 265–6
myoxodema 243, 244
nails through hands or feet 401–2
naldixic acid 324
naloxone 16, 34, 282
naltrizoxine 366
narcosis 34
narcotic analgesic poisoning 282
nasal problems 419–20
burns 142
fractures 67–8
nasal problems 419
Naseptin cream 419
nasotracheal intubation 22
National Drugs Treatment Monitoring System (NDTMS) 374
National Focus for Chemical Incidents 145
National Institute for Health and Clinical Excellence (NICE) 88, 177, 385
navicular bone, prominent 107
neck examination 28
injuries 58, 63, 64
pain 56, 58
see also cervical spine
necrotising fasciitis 266, 267
necrotising myositis 266
necrotising soft tissue infections 266
needle electrocatheterotomy 22, 23, 199
needlestick injuries 402–5
needle thoracocentesis 76
neglect of children 355
nefatinaver 404
neovascin 415
neonates
cardiac arrest 152, 154
fits 343
glucose 12
resuscitation 318, 319
skull radiology 49
tetanus 234
neostigmine 233
nephrotic syndrome 247, 300
nerve agent poisoning 296–7
neurogenic shock 51
neuroleptic malignant syndrome 283, 300–1
neurological assessment 35
neurological problems
brain-stem cerebrovascular accident 227
headache 223–4, 226–7
head injuries 224
intracranial infection 225
subarachnoid haemorrhage 224–5
temporal arteritis 225–6
neuroses 360, 365–6
neurosurgical consultation guidelines 38
neutropenic sepsis 260
nevirapine 274
NICE 88, 177, 385
nifedipine 257, 259, 278, 283
nimodipine 45, 225
nitrates 182, 189, 208
nitrazepam 281
nitrafurantoin 324
nitrogen narcosis 236
nitrous oxide
analgesia 17, 28
ankle dislocation 104
contraindicated with pneumothorax/
pneumomediastinum 74
Quantiflex machine 17, 353
sedation 17
non-accidental head injury (NAHI) 41–2
non-invasive ventilation (NIV) 204, 207, 208, 217
non-ST elevation myocardial infarction (NSTEMI) 187
non-steroidal anti-inflammatory drugs (NSAIDs)
Achilles tendonitis 101
angio-oedema 263
back pain 60
degenerative disease of elbow joint 119
dysmenorrhoea 323
epicondylitis 119
eye problems 412
frozen shoulder 115
goat, acute 405
migraine 226
non-specific abdominal pain 313
olecranon bursitis 119
orifice media 417
pelvic inflammatory disease 314
periarticular 192
peripatellar bursitis 110
plantar fasciitis 106
pleurisy 194
poisoning 277–8
supraspinatus tendinitis/
subacromial bursitis 112
tension headache 227
toothache 425
ureteric colic 313
vaginal bleeding 323
whiplash injury 56
noradrenaline 299
normal saline 299
Omeprazole 4, 209
contamination 5
injection injuries 129
elder people see elderly people
olecranon bursitis 119
olecranon fractures 118
Ombudsman (for health) 387–8
omeprazole 32, 304, 305
ondansetron 148, 320
opiates/opioids
children 334, 353
head injuries 37
limb problems 87
poisoning 282
infarction (NSTEMI) 187
oral contraceptives
poisoning 287
venous thrombosis, risks of 108–9, 191
oral rehydration solution 312
orbit, blow-out fracture of the 71
orbital cellulitis 415
orf 408
organ donation 387
organophosphorus poisoning 296–7
organ perfusion 25
orotracheal intubation 22
orthopantomograms (OPTs/OPGs) 65–6, 425
orthostatic syncope 223
oseltamivir 212, 213
Osgood–Schlatter disease 99
osmolar gap 225
osmotic demyelination syndrome 251
osteitis media 417
pelvic inflammatory disease 314
periarticular 192
peripatellar bursitis 110
plantar fasciitis 106
pleurisy 194
poisoning 277–8
supraspinatus tendinitis/
subacromial bursitis 112
tension headache 227
toothache 425
ureteric colic 313
vaginal bleeding 323
whiplash injury 56
wrist 126
osteochondritis 350
osteoarthrosis 287
osteitis externa 417
osteitis media 346, 417
Otrivine–Antistin eye drops 415
ovarian cysts 315
oxazepam, poisoning 281
oxybuprocaine 411
oxygen demand and supply 25
oxygen saturation 5
oxygen therapy 4, 5
acute coronary syndromes 188
asthma 203
breathlessness, acute 199, 200
bronchiectasis 207
BTS guideline for use in emergencies 5
carbon monoxide poisoning 283–4
children 330
chronic obstructive pulmonary disease 206
Index