

Page numbers in <i>italic</i> refer to figures. Page numbers in bold refer to tables.	
abdomen bowel obstruction, 288 pain, 94 abscesses, neuraxial blocks, 117, 120 absorbent dressings, 237 Abstral buccal tablet, 101 acrolein, 178 Acti glide, 342 activated charcoal, 239 activities of daily living, 316 limb compression therapy, 350 PIP assessment, 321 acupressure, 176 dressing changes, 242 acupuncture, 104–107 dressing changes, 242 peripheral neuropathy, 103 acute kidney injury, 254, 265 neutropenic sepsis, 279 acute oncology, 253–310 adherence, oral chemotherapy, 157 adhesive tape, radiotherapy on skin, 248 adjustable wrap compression systems, 36 361–365 adjuvant drugs pain management, 98, 101 spinal blocks, 112–113 Administration of Radioactive Substance Advisory Committee, 15 administration record sheets, ribavirin, 81 adrenaline, topical, 240 advance directives, 405 adverse effects clinical trials, 190–193 cytotoxic drugs, 175–184, 268–281 on healthcare workers, 133 patient education, 157 pericardial effusions, 301 peripheral neuropathy, 95, 102–103, 177	S
sexual, 330 pentamidine, 87 ribavirin, 84 advice lines (telephone), 255, 256–257 aerobic exercise, 373 for fatigue, 377 aerosol generators, 81, 84, 85 afatinib diarrhoea, 268 preparation for swallowing difficulties, 159 AFP (alpha-fetoprotein), 5, 7 aftercare, 312 afterloading systems, 213, 214 see also remote afterloading Age UK, 326 ageing	
height loss, 338 radiotherapy on skin, 247	

agitated patient
end of life, 407
sealed source therapy, 222
air embolism, 175
alarms, Selectron, 219
alcohol consumption, radiotherapy on skin 247

alert cards, chemotherapy, 137
alginates, dressings, 237 , 240 , 241
alkaline phosphatase
hypercalcaemia, 264
placental, 6
alkylating agents, 156
allergies
chemotherapy, 177
compression garments, 361
nipple tattooing, 393
allodynia, tramadol on, 100
allogeneic stem cell collection, 73
alopecia, 178–184
alpha-fetoprotein, 5 , 7
alprostadil, 333
Ambu-bags, 206
amenorrhoea, treatment-induced, 330
American College of Sports Medicine, on
exercise, 374
American Society for Apheresis, Application
Committee, 72
anaemia
after bone marrow harvest, 72
from chemotherapy, 176
Entonox, 123
anagen, hair follicles, 179
analgesic drugs, 97–102
end-of-dose failure, 94
sites of action, 92
terminal illness, 407
see also adjuvant drugs; Entonox; non-
steroidal anti-inflammatory drugs;
opioids; paracetamol
analgesic ladder, 97–98
ankle to brachial pressure index, 341,
350
anorexia
from chemotherapy, 176
telephone triage tool, 257
anorgasmia, 331
antecubital fossa, chemotherapy, 139,
144
anterior roots, spinal nerves, 109
anthracyclines
cardiotoxicity, 178
scalp cooling and, 180, 181
anti-Xa levels, 259–260
antibiotics
for diarrhoea, 271
neutropenic sepsis, 277, 278, 279
prostate biopsy, 20–21, 22, 24
antibiotics (antitumour), 156
anticipatory vomiting, 176, 272
anticoagulant citrate dextrose (ACDA), bon
marrow harvest, 69

anticoagulants
breast biopsy, 40–41
catheter related thrombosis, 259–260
fine-needle aspiration, 43
flexible cystoscopy and, 26
marrow procedures, 63–64
apheresis, 76, 79
neuraxial blocks, catheter removal, 119
prostate biopsy and, 19
antidotes, 146
antiemetics, 176, 276
iodine-131 therapy, 209
principles, 275
antimetabolites, 156
antiseptics
catheters, 260
fungating wounds, 237
nipple tattooing, 394
anxiety
bleeding wounds, 239
management of, 382
marrow procedures, 63, 66
nausea and vomiting, 276
pain, 241
sleep disturbance and, 380
unsealed source therapy, 207–208
apheresis, 58, 72–80
apnoea, neuraxial blocks, 116
appeals, benefits (payments), 325
application aids, limb compression therapy,
342–343 , 359
appointments, limb compression therapy,
350
approvals, clinical trials, 185
Approved Code of Practice 2000, radiation
protection, 203
arachnoid mater, 109
areola tattooing, 390–395 argon plasma coagulation, bladder, 35
argon niagma goagillation, bladdor 35
aroma stick inhalers, 369–371
aroma stick inhalers, 369–371 aromatherapy, 242
aroma stick inhalers, 369–371 aromatherapy, 242 arrhythmias, hypomagnesaemia, 267
aroma stick inhalers, 369–371 aromatherapy, 242 arrhythmias, hypomagnesaemia, 267 art (therapy), 103
aroma stick inhalers, 369–371 aromatherapy, 242 arrhythmias, hypomagnesaemia, 267 art (therapy), 103 arteries
aroma stick inhalers, 369–371 aromatherapy, 242 arrhythmias, hypomagnesaemia, 267 art (therapy), 103 arteries administration of cytotoxic drugs via,
aroma stick inhalers, 369–371 aromatherapy, 242 arrhythmias, hypomagnesaemia, 267 art (therapy), 103 arteries administration of cytotoxic drugs via, 173–175
aroma stick inhalers, 369–371 aromatherapy, 242 arrhythmias, hypomagnesaemia, 267 art (therapy), 103 arteries administration of cytotoxic drugs via, 173–175 assessment for limb compression therapy
aroma stick inhalers, 369–371 aromatherapy, 242 arrhythmias, hypomagnesaemia, 267 art (therapy), 103 arteries administration of cytotoxic drugs via, 173–175 assessment for limb compression therapy 341, 350
aroma stick inhalers, 369–371 aromatherapy, 242 arrhythmias, hypomagnesaemia, 267 art (therapy), 103 arteries administration of cytotoxic drugs via, 173–175 assessment for limb compression therapy 341, 350 rupture, 261–262
aroma stick inhalers, 369–371 aromatherapy, 242 arrhythmias, hypomagnesaemia, 267 art (therapy), 103 arteries administration of cytotoxic drugs via, 173–175 assessment for limb compression therapy 341, 350 rupture, 261–262 artificial hydration, 405
aroma stick inhalers, 369–371 aromatherapy, 242 arrhythmias, hypomagnesaemia, 267 art (therapy), 103 arteries administration of cytotoxic drugs via, 173–175 assessment for limb compression therapy 341, 350 rupture, 261–262 artificial hydration, 405 artificial larynx, 384
aroma stick inhalers, 369–371 aromatherapy, 242 arrhythmias, hypomagnesaemia, 267 art (therapy), 103 arteries administration of cytotoxic drugs via, 173–175 assessment for limb compression therapy 341, 350 rupture, 261–262 artificial hydration, 405
aroma stick inhalers, 369–371 aromatherapy, 242 arrhythmias, hypomagnesaemia, 267 art (therapy), 103 arteries administration of cytotoxic drugs via, 173–175 assessment for limb compression therapy 341, 350 rupture, 261–262 artificial hydration, 405 artificial larynx, 384
aroma stick inhalers, 369–371 aromatherapy, 242 arrhythmias, hypomagnesaemia, 267 art (therapy), 103 arteries administration of cytotoxic drugs via, 173–175 assessment for limb compression therapy 341, 350 rupture, 261–262 artificial hydration, 405 artificial larynx, 384 artificial sphincters, flexible cystoscopy
aroma stick inhalers, 369–371 aromatherapy, 242 arrhythmias, hypomagnesaemia, 267 art (therapy), 103 arteries administration of cytotoxic drugs via, 173–175 assessment for limb compression therapy 341, 350 rupture, 261–262 artificial hydration, 405 artificial larynx, 384 artificial sphincters, flexible cystoscopy and, 26 ascites, 281–287
aroma stick inhalers, 369–371 aromatherapy, 242 arrhythmias, hypomagnesaemia, 267 art (therapy), 103 arteries administration of cytotoxic drugs via, 173–175 assessment for limb compression therapy 341, 350 rupture, 261–262 artificial hydration, 405 artificial larynx, 384 artificial sphincters, flexible cystoscopy and, 26 ascites, 281–287 aspiration
aroma stick inhalers, 369–371 aromatherapy, 242 arrhythmias, hypomagnesaemia, 267 art (therapy), 103 arteries administration of cytotoxic drugs via, 173–175 assessment for limb compression therapy 341, 350 rupture, 261–262 artificial hydration, 405 artificial larynx, 384 artificial sphincters, flexible cystoscopy and, 26 ascites, 281–287 aspiration bone marrow, 58–67
aroma stick inhalers, 369–371 aromatherapy, 242 arrhythmias, hypomagnesaemia, 267 art (therapy), 103 arteries administration of cytotoxic drugs via, 173–175 assessment for limb compression therapy 341, 350 rupture, 261–262 artificial hydration, 405 artificial larynx, 384 artificial sphincters, flexible cystoscopy and, 26 ascites, 281–287 aspiration bone marrow, 58–67 chemotherapy extravasations, 148
aroma stick inhalers, 369–371 aromatherapy, 242 arrhythmias, hypomagnesaemia, 267 art (therapy), 103 arteries administration of cytotoxic drugs via, 173–175 assessment for limb compression therapy 341, 350 rupture, 261–262 artificial hydration, 405 artificial larynx, 384 artificial sphincters, flexible cystoscopy and, 26 ascites, 281–287 aspiration bone marrow, 58–67 chemotherapy extravasations, 148 see also fine-needle aspiration
aroma stick inhalers, 369–371 aromatherapy, 242 arrhythmias, hypomagnesaemia, 267 art (therapy), 103 arteries administration of cytotoxic drugs via, 173–175 assessment for limb compression therapy 341, 350 rupture, 261–262 artificial hydration, 405 artificial larynx, 384 artificial sphincters, flexible cystoscopy and, 26 ascites, 281–287 aspiration bone marrow, 58–67 chemotherapy extravasations, 148 see also fine-needle aspiration aspirin
aroma stick inhalers, 369–371 aromatherapy, 242 arrhythmias, hypomagnesaemia, 267 art (therapy), 103 arteries administration of cytotoxic drugs via, 173–175 assessment for limb compression therapy 341, 350 rupture, 261–262 artificial hydration, 405 artificial larynx, 384 artificial sphincters, flexible cystoscopy and, 26 ascites, 281–287 aspiration bone marrow, 58–67 chemotherapy extravasations, 148 see also fine-needle aspiration aspirin breast biopsy, 41
aroma stick inhalers, 369–371 aromatherapy, 242 arrhythmias, hypomagnesaemia, 267 art (therapy), 103 arteries administration of cytotoxic drugs via, 173–175 assessment for limb compression therapy 341, 350 rupture, 261–262 artificial hydration, 405 artificial larynx, 384 artificial sphincters, flexible cystoscopy and, 26 ascites, 281–287 aspiration bone marrow, 58–67 chemotherapy extravasations, 148 see also fine-needle aspiration aspirin

The Royal Marsden Manual of Cancer Nursing Procedures. Edited by Sara Lister and Lisa Dougherty, with Assistant Editor Louise McNamara. © 2019 The Royal Marsden NHS Foundation Trust. Published 2019 by John Wiley & Sons, Ltd.





Association for Clinical Biochemistry and 420 Laboratory Medicine (ACB), on tumour markers, 6-7

asthma

ribavirin and, 81 see also bronchospasm Attendance Allowance, 316

address, 326 claiming, 323-324

eligibility/non-eligibility, 319 how often paid, 320

audits

clinical trials, 190 nurse cystoscopists, 26

autoimmune colitis, 271

autologous bone marrow harvest, 72 autologous stem cell collection, 73

autonomic dysfunction, 300 autonomic dysreflexia, 299, 300

autonomy, 314 axillary dissection, acupuncture and,

106 axitinib, preparation for swallowing difficulties, 159

B lymphocytes, 60

B₂M see beta₂-microglobulin back pain, 290, 292, 299

neuraxial blocks, 117

background pain flare, 94

background radiation, 202

bacteria, fungating wounds, 237

bacterial filters Entonox, 122

spinal blocks, 113, 119

bag systems, dressings, **237** balanced analgesia, 97

bandages, for lymphoedema, 340, 341, 348–357

basilic vein, chemotherapy, 139

basophils, 60

lifespan, 176

beads, oral caesium-137 therapy,

212-213

Beck's triad, 301 becquerels, 202

bed linen

cytotoxic drug spillages, 136

fungating wounds and, 243

after nuclear medicine investigations, 18

bedpans, iodine-131 therapy, 210 benefits (payments), 316–326 calculators, 321

eligibility/non-eligibility, 319–320 how often paid, **320**

making claims, 321-323

patients not claiming, 317 benign breast disease, 37, 38

bereavement

carotid artery rupture, 263

support, 415 Bereavement Benefits, 316

beta radiation, 202

beta₂-microglobulin, 5

radionuclides on, 7 betamethasone, 245

BETTER model, sexual concerns, 328

bevacizumab, neo-adjuvant chemotherapy, 234

biliary sclerosis, 175 bins, lead-lined, 16

biofilms, fungating wounds, 237

biological therapy, 132-133

biometric residence permit, 317

biopsy

bladder, 32–34

bone marrow, 58–67 breast, 40–47

punch biopsy, 45-47

prostate, 18-24 see also core biopsy

biopsychosocial models breathlessness, 367

sexuality, 327

bisphosphonates, 94, 265, **266** bladder (urinary), 24, 30

argon plasma coagulation, 35

biopsy, 32-34 cancer, 25

full, paracentesis, 285

haemorrhagic cystitis, 178

instillation of cytotoxic drugs, 169–172

irrigation, 27, 32, 33

blanching, extravasation, 145

bleeding

bone marrow harvest, 71

carotid artery rupture, 261-262

after flexible cystoscopy, 36 fungating wounds, 228, 239-240

marrow procedures, 63

nipple tattooing, prevention, **395** paracentesis, 284

after prostate biopsy, 24

after radioactive source therapy, 222

telephone triage tool, 257

Blom-Singer voice prostheses, 385 blood-borne infections

dead patients, 410

specimen handling, 3–4

blood component transfusions, apheresis, 80

blood cultures, neutropenic sepsis, 279 blood gases, neutropenic sepsis, 279

blood pressure, superior vena cava

obstruction, 263 blood return, **144**, 145

blood tests

for apheresis, 77

bowel obstruction, 288

emesis, 274

fitness for chemotherapy, 138 healthcare workers, 136

hypercalcaemia, 264, 266

hypomagnesaemia, 267

intravesical chemotherapy, 170

neutropenic sepsis, 277

nuclear medicine patients, 15

pneumonitis, 280 superior vena cava obstruction, 263

blood transfusion

for bone marrow donors, 69

component transfusions, apheresis, 80 effect on haemoglobin level, 176

reactions, 80 body fluids

Last Offices, 412

radioactive, 16, 205 body image, 330

breast carcinoma, 330

fungating wounds, 230

male, 333

Body Image Scale, 328

body mass index, 335-339, 338

body surface area, 138

bolus injections

cytotoxic drugs, 138-139

spinal blocks, 112

bone marrow, 58 collection

after nuclear medicine investigations, 17

sites, 60-61 harvest, 58, 67-72

see also apheresis procedures, 58-72

suppression, 176

bones

cancer-related pain, 94

metastases, exercise and, 374, 376

nuclear medicine, 12

Borg scale, 373

bosutinib, swallowing difficulties and, 159

bowel habit, 338

bowel obstruction, 287-289

drugs for, 276

bowel preparation, sealed source therapy, 216

bowel sounds, obstruction, 288

boxes, specimen transportation, 3

brachial plexus

block, **108**

invasion, 95

brachytherapy, 211-223

bradycardia, spinal cord compression, 299

BRAF status, 48

brain, 302

acupuncture, 104

plasticity, 93 ventricles, cytotoxic drugs, 165, 166–167

breakthrough cancer pain, 93-94, 102 analgesics, 101, 102

Entonox, 121

breakthrough vomiting, 272 breast, 36–37

clinical examination, 38-40 core biopsy, 40-43 diagnostic investigations, 36-48

fine-needle aspiration, 43-45 iridium-193 therapy, 212

punch biopsy, 45–47 breast carcinoma, 37

family history, 39

fungating wounds, 229 surgery, 234

nipple tattooing, 390-395

nutritional status, 334 oedema, 340

scalp cooling and, 180 sentinel node localization, **14**

sexual concerns, 329-330

breast-ovarian cancer syndrome, 330

breastfeeding, nuclear medicine, 15

breathing, 366-367 end of life, 404, 407

breathing technique, relaxation, 381

breathlessness *see* dyspnoea bridges (dental), iodine-131 therapy, 209

Brief Pain Inventory, 96 British Association of Urology Surgeons,

Prostate Biopsy information leaflet, 19 British Sign Language Video Relay Service,

322, 324 British Standards, compression garments,

358 bronchospasm, pentamidine, 85, 87 bruising, telephone triage tool, *257*

brushes, voice prostheses, 389 buccal analgesia, 99, 101, 102 bullae, graft-versus-host disease, 245

bundles (therapies), neutropenic sepsis, 279 bupivacaine regional nerve blocks, 109 spinal blocks, 112

buprenorphine, 101 burial, 409 burns, from heat therapies, 104

busulfan, preparation for swallowing difficulties, 159

CA see carbohydrate antigens cabinets, cytotoxic drug preparation, 134

cabozantinib, swallowing difficulties and,

cadexomer iodine, 238

caesium-137, 212-213, 216-217 dead patients, 414

Manchester applicator, 214 calcitonin, 5, 264

calcitriol, 264 calcium, 264

hind 420 10 August 2018 4:06 PM







calculators, benefits (payments), 321	Chemocap, 181–182	coagulation defects, spinal blocks and, 111
cancer antigens see carbohydrate	chemoreceptor trigger zone, 273	codeine, 100
antigens	antiemetics targeting, 276	paracetamol with, 99, 100
cancer predisposition genes, 49	chemotherapy, 131–199	coeliac plexus
cancer-related fatigue see fatigue	administration by nurses, 137–156	block, 108
cannabis, 101	adverse effects, 175–184, 268–281	pain, 94
cannulae	on healthcare workers, 133 pericardial effusions, 301	cognitive behavioural therapy, 381
apheresis, 74 cytotoxic drug injections, 139, 143	pericardial enusions, 301 peripheral neuropathy, 95, 102–103, 177	cognitive impairment pain assessment, 97
extravasation management, 150–152	sexual, 330	telephone triage tool, 257
flushing, 145	extravasation, 142–156	cold therapies, 104
paracentesis, 285, 286, 287	fitness for treatment, 138	assessment of spinal blocks, 114
capecitabine, preparation for swallowing	handling of drugs, 133–136	see also cooling
difficulties, 159	hCG specimens, 7	colic, bowel obstruction, 288
capsaicin, 102	intra-arterial, 173–175	colitis, autoimmune, 271
carbohydrate antigens	intramuscular, 162-164	collars, cervical, 291, 298
factors affecting, 7	intraperitoneal, 172–173	colony-stimulating factors, 148, 176
tumour markers, 5 , 7	intrapleural, 168–169	apheresis, 76
carcinoembryonic antigen, 5	intrathecal, 165–168	combs, 184
cardiac arrest	intravenous, 138–156	comfort measures, 103
sealed source therapy, 222 unsealed source therapy, 205–206	intravesical, 169–172	common carotid artery, 261
cardiac failure, limb compression therapy and,	neo-adjuvant, 234–235 oral, 156–162	Common Terminology Criteria for Adverse Events, grading of diarrhoea, 269
341	pericardial effusions from, 301	communication
cardiac syncope, spinal cord compression,	peripheral neuropathy, 95, 102–103, 177	in clinical trials, 190
300	research, 184–193	diagnostic investigations, 4
cardiomyopathy, chemotherapy, 178	sexual effects, 330	end of life care, 405–406
cardiopulmonary exercise testing, 373	sites of injection, 139	laryngectomy, 383–390
cardiotoxicity, 178	subcutaneous, 162–164	competency standards, genetic testing, 50
cardiovascular system, NSAIDs on, 99	symptom assessment scales, 175-176	complaints
care plans, 314, 315, 320	topical, 164–165	benefits (payments), 325
Carer's Allowance, 316, 319 , 320	UKONS toxicity grading guide, 258	medical examinations, 326
enquiry service, 326	see also electrochemotherapy	complementary therapies
Carnet demand valve, 122	chest pain, 94	fungating wounds, 242
carotid artery rupture, 239, 261–263	chest X-ray	sexual function, 332
cat litter, 239 catagen, hair follicles, 179	pericardial effusions, 301	spinal cord compression, 292 see also acupuncture
catagen, nan folicies, 179 catering staff, sealed source therapy and, 222	pneumonitis, 280–281 children	complex care management, 312
catheters	as bone marrow donors, 68	compression garments, 357–361
neuraxial blocks, 113, 115–116, 119	of nuclear medicine patients, 15	compression therapy, lymphoedema,
migration, 120	statutory benefits, 316	339–365
obstruction, 259	Universal Credit, 320	computed tomography, spinal cord
paracentesis, 284	as visitors, unsealed source therapy, 210	compression, 290
Tenckhoff catheter, 172	see also paediatrics	confidentiality, 314
thrombosis, 259–260	chlorambucil, preparation for swallowing	genetic testing, 50
see also central venous access devices	difficulties, 159	confirmation of death, 409
Cavilon No Sting Barrier spray, 246 , 248	cholestasis, on tumour markers, 7	confused patient
CD markers, 132	cholesterol (LDL apheresis), 73	end of life, 407
cell cycle, 132	chromogranin A, 5	sealed source therapy, 222
cell separators, 58, 74 see also apheresis	Chvostek sign, 267 circumferential measurement, limbs,	telephone triage tool, 257
cellular depletion, apheresis, 73	344–348	congenital heart disease, prostate biopsy, 19 connectors, spinal blocks, 113
cellulitis, compression garments and, 358,	cirrhosis, ascites, 282	consciousness, end of life, 404
362	cisplatin, intrapleural, 168	consent
central venous access devices	Citizen's Advice Bureau, 326	bone marrow harvest, 68
apheresis, 74-75, 77, 80	citrates	chemotherapy, 137
blood return, 145	apheresis, 76	genetic testing, 50
complications, 255, 259-261	toxicity, 79 , 80	nipple tattooing, 392
cytotoxic drug injections, 139, 140	see also anticoagulant citrate dextrose	paediatrics, 62
extravasation, 143	claims, benefits (payments), 321–326	prostate biopsy, 19–20, 22
removal, 259–260	cleaning	specimen collection, 2–3
sepsis, 260–261	after pentamidine administration, 87	unsealed source therapy, 207–208
superior vena cava obstruction, 264	after ribavirin administration, 82 after unsealed source therapy, 211	see also advance directives
uses and advantages, 259 centrifugation, apheresis, 58	voice prostheses, 388–389	consent forms chemotherapy, 137
cephalic vein, chemotherapy, 139	cleansing, fungating wounds, 237	research, 184
cerebellum, lesions, 302	cling film, limb measurement, 347	Consequences of Cancer and its Treatment
cerebral cortex, antiemetics targeting, 276	clinical trials, 184–193	(CCaT), collaborative group, 314
certification of death, 409	clobetasol, 245	constipation, 287, 288
cervical collars, 291, 298	clonidine, spinal blocks, 112	chemotherapy, 177
cervix	clopidogrel, breast biopsy, 41	end of life, 407
brooms, 9, 10	closure, clinical trials, 190	morphine, 100
caesium-137 therapy, 212	clothing	space-occupying lesions, 303
sealed source therapy, 213–214	cytotoxic drug spillages, 136	spinal cord compression, 299
smears, 8–12	Last Offices, 413	telephone triage tool, 256
chaperones, 8, 38	limb compression therapy, 350	unsealed source therapy, 208
charcoal, 238, 239 checking, prior to chemotherapy, 138, 141	physical activity, 374 co-codamol, 100	contact lenses iodine-131 therapy, 210
chemical mediators, pain, 92	co-trimoxazole, 84	ribavirin on, 81
chemical mediators, pani, 32	co dimionazore, or	11000111111 011, 01

•

bind 421 10 August 2018 4:06 PM

400

Index containers, specimen transportation, 3 death dimethyl sulfoxide, 148, 151 contamination diagnosis of, 404-405 Diprobase, 245 by cytotoxic drugs, 133, 141 haemorrhage, 239, 261-263 Disability Living Allowance, 316 by radioactive body fluids, 205 neutropenic sepsis, 277 address, 326 unsealed source therapy, 209 after radioactive source therapy, 205, 220, disabled persons, Equality Act 2010, 321 discharge planning intraoral sealed source therapy, 223 contamination monitors, nuclear medicine, 16, rates from cancer, 254 204 continuous infusions, spinal blocks, 112 see also end of life care; Last Offices neuraxial blocks, 120 continuous peripheral nerve blocks, 108 debilitated patients, unsealed source therapy, Selectron, 219 contraception, 330 208 spinal cord compression, 300 contribution benefits, 316 debridement, 237 unsealed source therapy, 210-211 debritement, 257 debritefing, carotid artery rupture, 263 Decon 90™, 203–204 deconditioning, 367, 371 deep cervical fascia, 261 Control of Substances Hazardous to Health disease trajectories, 404 distraction, from pain, 103, 242 Regulations, 134 distress thermometer, 314–315 controlled areas, radiation protection, 203-204 diuretics cooling deep vein thrombosis chemotherapy extravasations, 148-149, ascites, 283 limb compression therapy and, 349 hypercalcaemia and, 265-266 dressings, 243 spinal cord compression, 301 DNA for peripheral neuropathy, 102 defibrillators (implantable), end of life care, binding of vesicants, 142 scalp, 179-184 cytotoxic drugs on, 134 415 machines, 181, 182 deflection, cystoscopes, 29 radiation on, 202 dehydration diarrhoea, 271 cord blood transplantation, 67 synthesis, 132 Dobbie applicators, 214 core biopsy fungating wounds, 244 delirium, end of life, **407** breast, 40-43 docetaxel, scalp cooling and, 180 prostate, 18 doctors, certification of death, 409 cornea donation, Last Offices, 412 demand apparatus, Entonox, 122 documents, clinical trials, 185, 186-189 coroners, 409, 410 dementia, pain assessment, 97 domestic staff, sealed source therapy and, 222 corticosteroids see steroids dendritic cells, collection, 73 donors Denonvilliers' fascia, 18 bone marrow, 67, 68, 69 post-procedure guidelines, 71 cortisol, hypercalcaemia, 264 dental assessment, before sealed source costs, inpatient care, 254 coughing, space-occupying lesions, 303 therapy, 220 stem cells, apheresis, 72, 73, 78-79 Council Tax Reduction, 316, 318 dental bridges, iodine-131 therapy, 209 dose limits, radiation, 202 counselling checklist, oral chemotherapy, 158, dentures dosimeters 161 iodine-131 therapy, 209, 210 badges, 15, 204 COX-2-specific NSAIDs, 99 Last Offices, 412 digital, 208 deodorants, 247, 248 double checking, prior to chemotherapy, 138 doxorubicin, scalp cooling and, 179, 180, 181 creatinine, 265 cremation, after radioactive source therapy, Department of Health guidelines for exercise, 374 dragging sensation, marrow procedures, Help with health costs (leaflet), 318 crockery, unsealed source therapy, 210 absence, 66 Department of Work and Pensions, website, drainage, ascites, 283-287 cryogel caps, 181-182 cultural aspects, care after death, 409, 415 draping, bone marrow harvest, 69 Cushing's triad, 303 dependency oedema, 340 cutlery, unsealed source therapy, 210 dermatomes, 109, 111 for extravasation flush-out technique, 155, cyclic acute pain, 241 designated personnel, intrathecal 156 chemotherapy, 165 desquamation, 246, 248 fungating wounds, 230, 235, 236, **237**, **238** bleeding, 239, **240** cyclophosphamide preparation for swallowing difficulties, **159** scalp cooling and, 180, 181 procedure, 243-244 dexamethasone CYFRA 21-1 (tumour marker), 6 space-occupying lesions, 303 intra-arterial chemotherapy, 174, 175 cylinders, Entonox, 122 spinal cord compression, 290 Last Offices, 412 cystectomy, 333 superior vena cava obstruction, 264 neuraxial blocks, 113, 115 cystitis, haemorrhagic, 178 dexrazoxane, 148, 149, 151, 178 pain, 241-243 cystoscopy, flexible, 24–36 cytokeratin fragment (tumour marker), **6** diabetes, limb compression therapy and, 341 diagnostic investigations, 1–56 paracentesis, 287 driving cytokines, sleep disturbance, 380 ascites, 286 see also blood tests Entonox, 121 cytology, 2 limb compression therapy, 350 fine-needle aspiration of breast, 43-45 diamorphine, 101 opioids, 101-102 liquid-based, 8, 9-10 spinal blocks, 112 dry desquamation, 246, 248 nipple discharge smears, 47-48 diarrhoea dry tap, marrow procedures, 66 chemotherapy, 177, 268–271, *272* sealed source therapy, 216 DS1500 medical reports, 316, 323, 324 DTPA-d-Phe-l-octreotide, ¹¹¹In-labelled, **13** cytotoxic drugs adverse effects, 175–184, 268–281 on healthcare workers, 133 patient education, 157 duckbill Blom-Singer voice prosthesis, 385 telephone triage tool, 256 unsealed source therapy, 208 duloxetine, 102 diathermy, bladder, 32, 33, 35 diclofenac, 99 pericardial effusions, 301 dura mater, 109 peripheral neuropathy, 95, 102-103, 177 dural puncture, 120 sexual, 330 diet Durogesic see fentanyl safe handling, 133-136 diarrhoea, 270, 271 dysphagia, 334-335 for hypercalcaemia, 266-267 see also chemotherapy; systemic anticancer dyspnoea magnesium, 267 nausea and vomiting, 275–277 complicating compression therapy, **357** end of life, **407** therapy dabrafenib, swallowing difficulties and, 159after sealed source therapy, 223 non-pharmacological management, daily living see activities of daily living differentiation, stem cells, 58 366-37 pericardial effusions, 301 daily living component, Personal Independence digital dosimeters, 208 Payment, 316, 321 digital rectal examination telephone triage tool, 256 dasatinib, preparation for swallowing bowel obstruction, 288 prostate biopsy, 22 Dignitana machine, 182 difficulties, 159 Ease demand valve, 122 Eastern Cooperative Oncology Group, DASHING (mnemonic), 302 data collection tools, clinical trials, 1,25-dihydroxy vitamin D, 264 performance status, 138 186-189 dilators, vagina, 331 Easy pad, 342



Easy-slide, 342	erectile dysfunction, 333	buccal tablets, 101
Easy-slide Magnide, 342	assessment, 329	spinal blocks, 112
echocardiography, pericardial effusions,	after sealed source therapy, 211, 220	fertility
301	erlotinib, preparation for swallowing	contraception, 330
education benefits (payments), 326	difficulties, 159 erythema	cytotoxic drugs, 133 Entonox, 121
chemotherapy, oral, 157, 161–162	extravasation, 145	male, 333
compression garments, 361, 365	radiotherapy, 246, 248	preservation, 330
diarrhoea, 271	erythroderma, 245	fever
neutropenic sepsis, 279–280	erythropoietin, bone marrow harvest, 72	neutropenic sepsis, 277
nipple tattooing, 392	essential oils	telephone triage tool, 256
in pain management, 103	aroma stick inhalers, 369	fibrin sheaths, catheter related thrombosis,
on potential emergencies, 255	fungating wounds, 239	259
procedures after death, 415–416	graft-versus-host disease, 245	fibrinolytics, 240
sealed source therapy, prostate cancer,	ethnicity, radiotherapy on skin, 247	fibrosis, pulmonary, 281
220 teachable moment, 374	etoposide, 138, 139 preparation for swallowing difficulties, 159	Filta-Guard™, 84 filtration
unsealed source therapy, 207–208	European Parliament, on exposure to cytotoxic	apheresis, 58
Effentora buccal tablet, 101	drugs, 133	bone marrow harvest, 68, 70
ejaculation	euthanasia, 405	Entonox, 122
changes, 333	evacuation, fire, after radioactive source	neuraxial blocks, 113
after sealed source therapy, 220	therapy, 206, 222	spinal blocks, 119
ejection fraction, left ventricular, nuclear	everolimus	financial needs, 315–316
medicine, 13	neo-adjuvant chemotherapy, 234	see also benefits (payments)
elastic compression garments, 357–361	preparation for swallowing difficulties, 159	fine-needle aspiration, breast, 43–45
elasticity, compression systems, 340, 348	Ewart's sign, 301	fingers, compression therapy, 350–353
electrocardiography	exercise, 103, 373–374	fire, evacuation after radioactive source
hypercalcaemia, 266	for fatigue, 373–374, 377, 379–380	therapy, 206, 222 fistulae
hypomagnesaemia, 267 electrochemotherapy, fungating wounds,	VO ₂ max, 373 see also physical activity	malignant, 229
235	exposure of health care workers, cytotoxic	pharyngocutaneous, 261
electromagnetic radiation, 202	drugs, 133, 135–136	fitness (physical), 371, 373
electronic devices, holistic needs assessment,	exsanguination	see also deconditioning
314	carotid artery rupture, 239, 261–263	5-HT3, bowel obstruction, 288
elevation of limb, for chemotherapy	intra-arterial chemotherapy, 175	five Ps, on fatigue, 380
extravasation, 149–150	extracorporeal photopheresis, 72, 245	five rights, chemotherapy, 138
eligibility/non-eligibility, benefits (payments),	extrasegmental effects, acupuncture, 104	5-fluorouracil, 164
319–320	extravasation kits, 146	diarrhoea, 268
embolism, intra-arterial chemotherapy, 175	extravasation of cytotoxics, 139, 142–156	flare reaction, 142
emergencies acute oncology, 253–310	intra-arterial chemotherapy, 175	flat-knit compression garments, 358–359 Fletcher applicators, 214
voice prostheses, 389–390	management flowchart, <i>146</i> signs, 145	flexible cystoscopy, 24–36
emetogenic pathway, 273, 274	telephone triage tool, 257	flexible working, 321
EMLA cream, nipple tattooing, 393, 394	exudates	floor coverings, unsealed source therapy, 208
emollients, 245	ascites, 282	fludarabine, swallowing difficulties and, 160
compression therapy, 350	fungating wounds, 235-236, 237	fluid overload, 79 , 80, 357
see also moisturizers	eyes	fluid therapy
emphysema, Entonox and, 121	Last Offices, 412	apheresis, 76
Employment and Support Allowance, 316,	telephone triage tool, 257	diarrhoea, 177, 271
319 , 320	Ezy-As, 342	hypercalcaemia, 265
claiming, 325 empowerment of patient, chemotherapy,	faecal impaction, spinal cord compression, 299	iodine-131 therapy, 210 neutropenic sepsis, 279
137–138	faecaloid vomit, 288	renal failure, 178
encephalopathy, methotrexate, 177	falls, exercise and, 377 , 380	sealed source therapy, 217
end of dose failure, analgesics, 94	families, Last Offices, 410, 414 , 415–416	space-occupying lesions, 303
end of life care, 404–417	family history, 50, <i>51</i>	see also oral rehydration
endocrine therapy see hormone agents	breast carcinoma, 39	fluorodeoxyglucose radiopharmaceutical, 13
endurance, physical activity, 373	fans, handheld, 368–369	fluoroquinolones, prostate biopsy, 20–21
enemas, prostate biopsy and, 21	fatal haemorrhage, 239	fluorouracil see 5-fluorouracil
enteric interneuronal system, bowel	carotid artery rupture, 239, 261–263	flush-out technique, for chemotherapy
obstruction, 288	fatigue, 377–383	extravasation, 150, 152–155, 156
enterocolitis, 271	bone marrow harvest, 72	flushing
entitledto (website), 321 Entonox, 120–125, 242	chemotherapy, 176 diarrhoea, 270	cannulae, 145 intra-arterial chemotherapy, 175
Selectron removal, 218	exercise for, 373–374, 377, 379–380	flushing (skin)
EORTC CIPN20 (assessment tool), 95	sleep disturbance, 380	acupuncture on, 104
eosinophils, lifespan, 176	telephone triage tool, 257	spinal cord compression, 299
epidermal growth factor receptors, 132	Fatigue Severity Scale, 378, 379	foam
inhibitors	feeding tubes, 157	limb compression systems, 348, 349
diarrhoea, 177, 268	feet	foam dressings, 237
neo-adjuvant chemotherapy, 234	compression therapy, 354–356	folate, Entonox on, 123
rashes, 178, 247	nuclear medicine, contamination	folinic acid, diarrhoea, 268
skin reactions, 247	monitors, 16	follow-up, after clinical trials, 190
see also HER-2/neu epidural analgesia see neuraxial blocks	Female Sexual Distress Scale – Revised, 328	food disposal, unsealed source therapy, 210
epigodophyllotoxins, 156	Female Sexual Functioning Index, 328 femoral vein, central venous catheters, 75, 80	Foot slide, 343
epirubicin, scalp cooling and, 180, 181	fentanyl, 100, 101, 102	formalin, 42
Equality Act 2030, 321	bowel obstruction, 289	four Ms, 266
	· · · · · · · · · · · · · · · · · · ·	,

bind 423 10 August 2018 4:06 PM



Index fractures, marrow procedures, 67 haematospermia, after prostate biopsy, 24 hormone agents, 132-133 French Standards, compression garments, haematuria fungating wounds, 235 from chemotherapy, 178 on nutritional status, 334 frontal lobe, lesions, 302 after flexible cystoscopy, 36 sexual effects, 330 Functional Assessment of Chronic Illness after prostate biopsy, 24 hormone replacement therapy, 330, 331 hot flushes, acupuncture on, 104 Therapy – Fatigue, 378 funeral directors, information required by, 411 haemorrhage see bleeding haemorrhagic cystitis, 178 Housing Benefit, 316 fungating wounds see malignant fungating human anti-mouse antibodies, 7 haemostasis dressings, 240 wounds human chorionic gonadotrophin, 6, 7 furosemide, superior vena cava obstruction, marrow procedures, 67 human epididymis protein 4, 6 hair, 178–179 human immunodeficiency virus, acupuncture, Last Offices, 412 107 G-CSF, apheresis, 76 loss, 178-184 human papillomavirus, testing for, 8 hair care, radiotherapy, 247, **248** humidification, laryngectomy, 384–386 gabapentin, 102 gallium citrate, radiopharmaceutical, **13** gastrointestinal tract, 268 hyaluronic acid, vaginal moisturizer, 331 hair-drying helmets, scalp cooling, 182 hair pins, iridium-193, 211 hyaluronidase, 146, 150, 152 half-lives, radionuclides, 202 antiemetics targeting, 276 hydration, artificial, 405 chemotherapy side-effects, 268-277, 338 handheld fans, 368-369 hydrofibres, dressings, 237 nuclear medicine, 14 hands, radioactive contamination, 16, hydrogel sheets, 243, 248 obstruction, 287-289 hydrogels, 246 drugs for, 276 haploidentical stem cell collection, 73 dressings, 237 hard lumps, after bone marrow harvest, 71 symptoms on nutritional status, 334, 338 morphine and, 242 hydroxycarbamide, preparation for swallowing gefitinib, preparation for swallowing harvest, bone marrow, 58, 67-72 difficulties, 160 difficulties, 160 see also apheresis gel packs, scalp cooling, 181-182 Hazard Group 3 pathogens, specimen hyoscine hydrobromide, terminal illness, 407 handling, 3-4 hypercalcaemia, 254, 264-267 dressings, 237 hazardous drugs, safe handling, 133-136 hypercoagulability, 259 metronidazole, 239 hazardous specimens, 3-4 hyperparathyroidism, 265 hyperpigmentation, chemotherapy, 178 hypertension see also hydrogels hCG (human chorionic gonadotrophin), 6, 7 head and neck cancer gene therapy, specimen transportation, 4 carotid artery rupture, 239, 261-263 autonomic dysreflexia, 299, 300 general anaesthesia, bone marrow harvest, 67 iridium-193, 211-212 genetic testing, 48-52 space-occupying lesions, 303 UK regional services, 51 late dysphagia, 334-335 hyperventilation, 124 genomes, 48 headaches hypnosis, dressing changes, 242 gentamicin, prostate biopsy, 21 acupuncture points, 105 hypocalcaemia, 80 hypogastric plexus, block, **108** hypokalaemia, 267, 268 German Standards, compression garments, after neuraxial blocks, 116 spinal cord compression, 299 358 germline mutations, 49 Health and Safety at Work Act 1984, 203 hypomagnesaemia, 267 germline testing, 48, 49 health surveillance, healthcare workers, 134, hyponatraemia, 268 Gilbert's syndrome, diarrhoea, 268 136 hypopharyngeal tumours, laryngectomy, 383 glomerular filtration rate, nuclear medicine, 14 heart hypotension, 79 function, pericardium on, 301 hypercalcaemia, 265 aloves cytotoxic drug preparation, 134 nuclear medicine, 13 neuraxial blocks, 116, 118, 119 neutropenic sepsis, 277, 279 dressing changes, 243 valve disease, prostate biopsy, 19 see also entries beginning cardi... heat-moisture exchange systems (HME), paracentesis, 282 pentamidine, 85, 87 for limb compression therapy, 343, 359 goggles, 135 good clinical practice (GCP), defined, 184 384-388 spinal cord compression, 299, 300 good death, 405 heat therapies hypothermia gowns, cytotoxic drug preparation, 135 for chemotherapy extravasation, 149, 151 neutropenic sepsis, 277 see also cooling grading for pain, 104 bladder cancer, 25 heat transfer, scalp cooling, 179 hysterectomy, sexual effects, 330 height, 335, 336, 338 Help with health costs (leaflet), Department of breast examination, 40 chemotherapy extravasations, 155 ibrutinib, swallowing difficulties and, 160 diarrhoea, 269 Health, 318 ibuprofen, 99 ice caps, 181 exercise, 373 heparin lymphoedema, 358 neuraxial blocks, catheter removal, 119 ice packs, assessment of spinal blocks, 114 radiotherapy skin reactions, 246 see also low molecular weight heparin idarubicin, swallowing difficulties and, 160 graduated pressure, limb compression therapy, hepatitis, chemical, 175 idiopathic pain, 93 hepatitis B, from acupuncture, 107 ifosfamide, neurotoxicity, 177 hepatotoxicity, 178 graft-versus-host disease, 244-245 ileus, 289 vagina, 330 HER-2/neu (tumour marker), 6 iliac crests, marrow procedures, 61, **66** imagery, 103, **242** HER2 status, 48 granulocyte-colony stimulating factor (G-CSF), herald bleeds, 261 apheresis, 76 imatinib, preparation for swallowing granulocyte-macrophage colony stimulating hereditability, cancer, 49 difficulties, 160 factor, 148 hereditary syndromes see inherited cancer immigration control, 316-317 immune-related adverse event gastrointestinal granulocytes syndromes Higdon and Higdon classification, 255 Higginson, I.J., on pain assessment, 97 high-absorbency dressings, **237** collection, 73 management algorithm, 271, 273 immunoadsorption, from plasma, 73 leucopenia, 176 granulomas, neuraxial blocks, 117 immunology, 132 high dose rate micro-Selectron unit, 215 gravitational oedema, 340 immunosuppression gray (unit), 202 histology, 2 for alopecia, 179 prevention of GvHD, 245 grief, 406, 415 history-taking, emesis, 274 immunotherapy, UKONS toxicity grading guide, 258 growth factors, haematopoietic, 58 HIV, from acupuncture, 107 guided imagery, 103 holding tanks, radioactive waste, 203 holistic needs assessment, 313-315, 320 implantable cardiac devices, end of life care, 415 nutrition, 335 implantable pumps, intra-arterial haematology, 57-90 chemotherapy, 174 haematoma, neuraxial blocks, 117, 120 sexuality, 327–328 implantable systems, intrathecal analgesia, 110 haematopoiesis, 58 honey dressings, pain, 241



		mdex
implanted parts	Pharmaceuticals for Human Use	labelling, diagnostic specimens, 4
implanted ports central venous access, 140	(ICH), 184	lactate, neutropenic sepsis, 279
peritoneum, 172	International Index of Erectile Function, 329	lactiferous ducts, 36–37
implants	international normalized ratio (INR)	lactose, diarrhoea, 270
brachytherapy, 211–223	breast biopsy, 40–41	lapatinib
breast, 391	fine-needle aspiration, 43	formulation for swallowing difficulties,
incident pain, 93–94	marrow procedures, 63–64	160
inclusion/exclusion checklists, patient selection, clinical trials, 191–193	paracentesis, 284 interstitial fluid, 339	neo-adjuvant chemotherapy, 234 larvae, 238
Income Support, 316	interstitial implants, 211–213	laryngectomy, communication, 383–390
incontinence, nuclear medicine, 15	interventional techniques, for complex pain,	larynx, 383
Independent Assessment Services, 326	107–120	Last Offices, 408–416
indium-111 octreotide, 13, 207	intra-arterial administration, cytotoxic drugs,	after radioactive source therapy, 205
infant oxygen hoods, ribavirin administration,	173–175	lateral position, spinal cord compression, 292,
81 infections	intracavitary applicators, 213 intracranial pressure, raised, 302–303	297 lateral surface transfer, 291
acupuncture, 107	intramuscular administration, systemic	lavender, 383
bone marrow harvest, 72	anticancer therapy, 162–164	laying out see Last Offices
central venous access devices, 260-261	intramuscular analgesia, 99	LDL apheresis, 73
dead patients, 410, 411	intranasal analgesia, 99, 102	lead-lined equipment, 16
repatriation, 409	intraoral sealed source therapy see oral implants	lead shields, intraoral sealed source therapy,
fungating wounds, 228, 237–239, 243 neuraxial blocks (abscesses; meningitis),	intraperitoneal instillation, cytotoxic drugs,	221 leakage
117, 120	172–173	fungating wounds, 236, 237
neutropenic sepsis, 277	intrapleural instillation, cytotoxic drugs, 168–169	intraperitoneal chemotherapy, 173
nuclear medicine, 13	intrathecal administration, cytotoxic drugs,	intravesical chemotherapy, 171-172
prostate biopsy, 21, 24	165–168	iodine-131 therapy, 210
specimen handling, 3–4	intrathecal analgesia <i>see</i> neuraxial blocks	Last Offices, 408, 411, 412, 413
standard infection control, 3 telephone triage tool, 256	intravenous administration epidural drugs, prevention, 113	from voice prostheses, 389, 390 see also extravasation of cytotoxics;
viral, 80	systemic anticancer therapy, 138–156	spillages
see also urinary tract infections	intrathecal chemotherapy and, 165	learning disabilities, pain assessment,
infiltration, extravasation <i>vs</i> , 142	sequence of drugs, 144	97
inflammation	intravenous immunoglobulin, respiratory	left ventricular ejection fraction, nuclear
bone pain, 94 flare reaction, 142	infections, 84 intravenous paracetamol, 99	medicine, 13 legislation, radiation protection, 203
nipple tattooing, 393	intravesical instillation, cytotoxic drugs, 169–172	lenalidomide, preparation for swallowing
inflection, cystoscopes, 29	investigational medicinal products (IMP), 184,	difficulties, 160
infliximab, ipilimumab-induced diarrhoea,	186	leucopenia, 176
269, 271	investigations (diagnostic), 1–56	leucovorin, diarrhoea, 268
influenza, virus detection, 80 information	ascites, 286 see also blood tests	lichen planus, 245 lichen sclerosus, 245
carotid artery rupture, 262	investigator's brochure (IB), defined, 184	lidocaine
chemotherapy, 137	iodine-125, prostate cancer, 211–213, 220	for extravasation flush-out technique, 153
oral, 157	iodine-131 mIBG, 207 , 209–210	paracentesis, 284, 285
end of life care, 404	iodine-131 sodium iodide, 207 , 209	for peripheral neuropathy, 102
on extravasation, 146, 156 for mortuary staff, 411, 412	iodine compounds dressings, 238	lifestyle changes, 374 limbs
nipple tattooing, 392	radioactive, dead patients, 414	compression therapy, 348–357, 359–361,
in pain management, 103	Ionising Radiations (Medical Exposure)	363–364
prostate biopsy, 19	Regulations 2000, 203	elevation for chemotherapy extravasation,
sealed source therapy, 215–216	Ionising Radiations Regulations 1999, 203	149–150
unsealed source therapy, 207–208 instruction cards, 210–211	ionizing radiation, 202 ipilimumab, diarrhoea, 268–269, 271	measurements, 344–348 straightening, Last Offices, 411
informed consent forms (ICF), research,	iridium-193, 211–212	liquid-based cytology, 8, 9–10
184	dead patients, 414	liver failure
infusion pumps, 174	irinotecan, diarrhoea, 268	opioids and, 102
infusions, cytotoxic drugs, 139	irrigation	scalp cooling and, 180–181
inhalers (aroma stick inhalers),	bladder, 27, 32, 33	see also hepatotoxicity
369–371 inherited cancer syndromes	fungating wounds, 244 Y-tube sets, 172	liver function tests, hypercalcaemia, 264 living wills, 405
genetic testing, 52	see also saline soaks	lobbied rooms, ribavirin administration, 81
risk-reducing surgery, 330	isolation of patient	local anaesthesia
initial lymphatics, 339	brachytherapy, 208–210	breast biopsy, 42
insomnia, 378, 380, 382	ribavirin administration, 82, 84	for extravasation flush-out technique, 153
Insomnia Severity Index Sleep Assessment, 382	isotretinoin, preparation for swallowing difficulties, 160	flexible cystoscopy, 27, 28 hyaluronidase and, 146
instruction cards, unsealed source therapy,	difficulties, 100	marrow procedures, 62, 63, 64
210–211	jewellery, Last Offices, 413	nipple tattooing, 393, 394
insulinoma, nuclear medicine, 13	Job Centre Plus, phone number, 326	paracentesis, 284, 285
integrative biopsychosocial model, sexuality,	joints, graft-versus-host disease, 245	prostate biopsy, 21, 22
327 intensity assessment, pain, 96	Kegel's exercises, 332	local anaesthetic agents regional nerve blocks, 108–109
interactive biopsychosocial model, sexuality,	kidney	spinal blocks, 112, 113–114
327	acute injury, 254 , 265	toxicity, 116 , 118
intercostal nerve blocks, 108	neutropenic sepsis, 279	log rolling, 291, 292, 293, 297
International Council for Harmonisation	see also nephrotoxicity	lomustine, preparation for swallowing
of Technical Requirements for	Kold Kap, 181	difficulties, 160

•

bind 425

10 August 2018 4:06 PM

Index London Cancer Alliance counselling checklist, oral chemotherapy, **158**, 161 holistic needs assessment, 314 long-stretch bandages, 348 long-term, defined (Equality Act 2010), 321 loop diuretics, hypercalcaemia and, 266 loperamide, 270–271 lorazepam, paracentesis, 284 low-density lipoprotein apheresis, 73 low dose rate Selectron unit, 214-215, 217 Low-Income Scheme, 318 low molecular weight heparin catheter related thrombosis, 259–260 neuraxial blocks, catheter removal, 119 lower motor neurones, 289 lubricants, vagina, 331 Luer-Lok syringes, 141 lumbar plexus, invasion, 94 lumiracoxib, 99 lungs, 280 chemotherapy toxicity, 178 pneumonitis, 178, 280-281 nuclear medicine, 12 lymph nodes, 339 fine-needle aspiration, 43 retroperitoneal dissection, 332-333 sentinel nodes, nuclear medicine, 14 in TNM classification, 26 lymphatic system, 339-340 lymphatics ascites, 282 manual drainage, 341 lymphocytes, 60 collection, 73 lymphoedema compression therapy, 339–365 physical activity, 376 lymphoid progenitor cells, 58, 59 lymphomas, scalp cooling, 180 lymphorrhoea, 349, 358 Macmillan Cancer Support, 326 macrophages, **60** nipple tattooing, 393 maggots, 238 magnesium, 267 magnetic resonance imaging, spinal cord compression, 290 maintenance opioid therapy, 101 male partners, 333 after sealed source therapy, 220 malignant fungating wounds, 228–252 assessment, 230-232 assessment chart, 231 carotid artery rupture, 261 cleansing, 237 malnutrition fungating wounds, 244 radiotherapy on skin, 247 malodour absorbers, 239 fungating wounds, 230, 236-239 Manchester applicator, 213, 214 mandatory reconsideration, benefits (payments), 325 mannitol, space-occupying lesions, 303 manual afterloading systems, 214 manual lymphatic drainage, 341 Marjolin's ulcer, 229, 230 masks, cytotoxic drug preparation, 135 massage, spinal cord compression, 292 maxillofacial injuries, Entonox and, 121 maximum oxygen consumption during exercise (VO₂ max), 373

McGill Pain Questionnaire Short Form, 96

MD Anderson Symptom Inventory, 96

means tested benefits, 316 measurements height, 335, 336, 338 limbs, 344-348 prostate, 22 weight, 335-339 Medi Butler, **343** Medical and Dental Guidance Notes, radiation protection, 203 medical certificates of death, 409 medical examinations, complaints, 326 medical examiners certification of death, 409 referral to, 410 medical exemption certificates, prescriptions, 318 Mediven 2 in 1, **343** melphalan, preparation for swallowing difficulties, 160 meningitis, neuraxial blocks, 117, 120 menopause on breast, 37 from cancer treatment, 329, 330, 331 menses cervical smears and, 8 contraception and, 330 tumour marker collection, 7 menstrual history, 39 Mental Health Capacity Act 2005, on advance directives, 405 menthol cream, 102, **243** Mepitel, 248 mercaptopurine, preparation for swallowing difficulties, 160 metaiodobenzylguanidine 123I-labelled, 13 ¹³¹I-labelled, **207**, 209–210 metastases bones exercise, 374, 376 pain, 94 brain, 302 fungating wounds, 232-234 scalp, 180 spinal cord compression, 254, 289-301, 374 in TNM classification, 26 use of tumour markers, 7 methadone, 100 methicillin-resistant S. aureus, transrectal ultrasound, 20 methotrexate encephalopathy, 177 preparation for swallowing difficulties, **160** methylene blue, 177 metronidazole, 237-239 gel, 237, 239 with opioids, 242 micro-Selectron unit, high dose rate, 215 microscopy, 2 micturition, after sealed source therapy, 220 midazolam, carotid artery rupture, 262, 263 midstream urine test, prostate biopsy, 21 migraine, acupuncture points, 105 Mini Mental State Examination, 97 minoxidil, 179 mitosis, 132 mitotane, preparation for swallowing difficulties, 160 mobility component, Personal Independence Payment, 316, 321 mobilization, spinal cord compression, 298 modified Stockholm applicators, 213-214 modulation, pain, 92 moist desquamation, 246, 248 moisturizers, **246**, 247, **248** limb compression therapy, 359 vagina, 331 see also emollients

molecular targeted therapy, 132 monitoring, clinical trials, 190 monoclonal antibodies diarrhoea, 268-269, 271 skin reactions, 247 monocytes, 60 morphine, 100 hydrogels and, 242 mortuary staff, information required by, 411, motivation fatique management, 379 physical activity, **376** motor blockade, neuraxial blocks, 118, 119 mouth care Last Offices, 412 after sealed source therapy, 223 moving patient, spinal cord compression, 291–300 MRSA, transrectal ultrasound, 20 mucositis, chemotherapy, 177–178 multidimensional tools, pain assessment, 96–97 multimodal analgesia, 97 Multinational Association for Supportive Care in Cancer, risk assessment, 279, 280 multiple sclerosis, spinal blocks and, 112 muscles, exercise, 373 music, 103 mutations, 48–49 myelinated nerve fibres, 109 myeloid progenitor cells, 58, 59 myelosuppression, 176 myocardial infarction, NSAIDs and, 99 myocardium, nuclear medicine, 13 myofascial trigger point effect, acupuncture, 104 nasal congestion, spinal cord compression, 299 bowel obstruction, 289 terminal illness, **407**

N-methyl-D-aspartate receptors, 121 naloxone, 100-101 name bands, Last Offices, 413 naproxen, 99 nasogastric tubes nasopharyngeal aspirates, 80 National Cancer Survivorship Initiative, 312 National Chemotherapy Advisory Group, 137 national guidance, care after death, 408 National Institute for Health and Care Excellence, NICE Support for Commissioning Spinal Cord Compression, 290 National Insurance, address and phone number, 326 natural killer lymphocytes, 60 natural radiation, 202 nausea bowel obstruction, 288 from chemotherapy, 176, 271–277 drugs for, 276 neuraxial blocks, 118, 119 telephone triage tool, 257 terminal illness, 407 nebulizers, 81, 84, 85 neck carotid artery rupture, 261 see also head and neck cancer necrosis radiotherapy, 246, 248

wound care, 228-252

acupuncture, 106 apheresis, 74

chemotherapy, 143

neuraxial blocks, 113

needles



after flexible cystoscopy, 36 nipple tattooing, 393 octreotide oral caesium-137 therapy, 212 bowel obstruction, 289 fungating wounds, 241-243 needs assessment, 313-315, 320 for diarrhoea, 271 dressing changes, 230, 241 ¹¹¹In-labelled, **13**, **207** intraperitoneal chemotherapy, 173 nutrition, 335 intravesical chemotherapy, **171** sexuality, 327-328 terminal illness, 407 negative pressure, topical, 236 limb compression therapy, 357 odours negative-pressure rooms marrow procedures, **66**, 67 absorbers, 239 neuraxial blocks not relieving, 120 pentamidine, 84, 86 cooking, 177 fungating wounds, 230, 236-239 ribavirin administration, 81, 82 non-pharmacological management, neo-adjuvant chemotherapy, fungating nausea and vomiting, 277 103-104 wounds, 234–235 oedema, 340 paracentesis, 287 nephrotoxicity oesophageal voice, 384 telephone triage tool, 257 chemotherapy, 178 oestrogens terminal illness, 407 see also renal failure on breast, 37 throat, pentamidine, 87 nerve blocks, 107-120 deficiency, 331 untreated, 92 nerve plexus invasion, pain, 94-95 topical, 331 palliative care neuraxial blocks, 109–120 catheters, 113, 115–116, 119 oliguria, neutropenic sepsis, 277, 279 end of life care, 404-417 Ommaya reservoir, 165, 166-167 limb compression therapy, 349-350 migration, 120 one-dimensional tools, pain assessment, 96 WHO on, 405 opioids, 98, 99-102 infections (abscesses; meningitis), 117, palmar plantar syndrome, telephone triage 120 bowel obstruction, 289 tool, 257 carotid artery rupture, 262 spinal blocks, 109, 112, 113–114 pamidronate, 265 neurology panel tests, genetic, 52 nausea and vomiting, 273 paper claim forms, Personal Independence pain, 92-93 topical, 242 space-occupying lesions, 302-303 toxicity, 116, 118 Payment, 322 neuron-specific enolase, 6 Optia™ cell separator, 75 paracentesis, 282-287 neuropathic pain, 92-93, 102 oral administration, systemic anticancer paracetamol, 99 therapy, 156–162 adjuvant drugs, 101 with codeine, 99, 100 assessment, 97 oral analgesia, 98-99 paralytic ileus, 289 paraplegia, 289 neuropathy see peripheral neuropathy oral cavity assessment, 178 oral implants, 220–222 caesium-137, 212–213 parathyroid hormone, 264 neuroplasticity, 93 neurotoxicity, chemotherapy, 177 parathyroids, nuclear medicine, 13 neurotransmitters oral rehydration, 271 parietal lobe, lesions, 302 nausea and vomiting, 273 see also fluid therapy paroxetine, 243 nitrous oxide on, 121 oral transmucosal fentanyl citrate, 101, 102 partners, patients as, 313 organ donation, 409, 410, **414** patch testing, nipple tattooing, 393 pathogenic variants, genetic, 49 pain, 92 neutropenia, sepsis, **254**, 277–280 orgasm, absence, 331 patient-controlled analgesia epidural, 112 neutrophils orifices, Last Offices, 412 lifespan, 176 orthostatic hypotension, 299, 300 see also granulocytes osmotic therapy, space-occupying lesions, 303 see also Entonox news, significant, 406 osteoporosis, exercise on, 374 patient generated subjective global next of kin, 410, 414 out-of-hours medical examiners, certification of assessment, 338 NICE Support for Commissioning Spinal Cord death, 409 patient information sheets (PIS), clinical trials, Compression, 290 ovaries cancer, sexual effects, 330 cancer treatment on, 330 patient selection for clinical trials, 189 nifedipine, 299 nilotinib, preparation for swallowing inclusion/exclusion checklists, 191–193 difficulties, 160 overflow diarrhoea, 270 patients nipples overweight, 338 moving in hospital, 221-222 discharge smears, 47-48 oxaliplatin, peripheral neuropathy, 177 as partners, 313 flap reconstruction, 391 oxycodone, 100-101, 102 personal belongings, unsealed source tattooing, 390-395 therapy, 208 oxvaen nitrous oxide, 120-121 in Entonox, 121 telephone advice lines, 255, 256-257 Paxman machine, 181 see also Entonox neutropenic sepsis, 279 pazopanib, swallowing difficulties and, 160 nociceptive pain, 92 VO₂ max, 373 non-adherent dressings, 240, 241 peau d'orange, 228 non-polyposis colorectal cancer, hereditary, P6 pressure point, 176 pedigrees, 50, 51 paclitaxel, scalp cooling and, 180 pelvic floor exercises, 332 non-steroidal anti-inflammatory drugs, 99 padding, compression systems, 348, 349, 354 pelvic twist, 291, 295-296 neutropenic sepsis, 277 paediatrics pelvis notifiable diseases, dead patients, 410 catheter related thrombosis, 259, 260 exenteration, 333 NRFit™ connectors, 113 NSE (neuron-specific enolase), **6** consent, 62 iridium-193 therapy, 212 local anaesthesia, 63 pain, 94 nuclear medicine, 12–18 marrow procedures, 63 radiotherapy, gastrointestinal symptoms, see also radionuclides neutropenic sepsis, 278 338 penis, anatomy, 30 Pension Credit, 316 nurse cystoscopists, 26 see also children nursing guides, clinical trials, 186-189, pain, 91–130 190 acute, 93 enquiries, 326 pensions, address and phone number, 326 pentamidine, 58, 84–87 nutrition, 334-339 assessment, 95-97 see also malnutrition frequency, 97 back, 290, 292, 299 adverse effects, 87 obesity, 338 neuraxial blocks, 117 perception, pain, 92 radiotherapy on skin, 247 bone marrow harvest, 71 percussion, bowel obstruction, 288 occipital lobe, lesions, 302 bowel obstruction, 288 perforation, stercoral, 288 occupational exposure chronic, 93 performance status complex, 107–120 cytotoxic drug injections, 139 cytotoxic drugs, 133-134 Eastern Cooperative Oncology Group, 138 ribavirin, 81 telephone triage tool, 256 occupational therapy, for peripheral extravasation, 144, 145 perfusion lung scans, 12 neuropathy, 102-103 definitions, 92, 93 pericardiocentesis, 302

pericardium, 301 positioning of patient pseudoaneurysm, from acupuncture, 107 effusions, 301-302 apheresis, 78 psychological interventions peripheral neuropathy Last Offices, 411 end of life care, 406 chemotherapy, 95, 102-103, 177 for pain, 103 pain, 103 compression garments and, 358, 362 psychosocial functioning, 313 paracentesis, 285 telephone triage tool, 257 peripherally inserted central catheters (PICC), **140** alopecia on, 179 fungating wounds, 229–230 pentamidine, 86 sealed source therapy, 216, 217 thrombosis, 259 spinal blocks, dressing changes, 115 lymphoedema, 341 unsealed source therapy, 207-208 peritoneovenous shunts, 284 spinal cord compression, 290, 291, 292-294, peritoneum, 281, 282 pubococcygeal muscle, 332 carcinomatosis, bowel obstruction, 288 post mortems, 410, **414** pulmonary fibrosis, 281 cytotoxic drugs into, 172-173 posterior reversible encephalopathy syndrome, pulsus paradoxus, 301 periwound skin, 236 punch biopsy, breast, 45-47 posterior roots, spinal nerves, 109 permanent insertion, sealed source therapy, 213 postoperative period pernicious anaemia, Entonox, 123 quadriplegia, respiratory function, 299 person-centred care, 313 quality of life analgesia, 97 personal belongings of patients, unsealed tumour marker collection, 7 fungating wounds, 229 source therapy, 208 potassium iodine-125 brachytherapy, 211 Personal Independence Payment, 316, 319, 320 diarrhoea, 177 sexuality, 327 hypomagnesaemia, 267 assessment criteria tool, 321 quinolones, prostate biopsy, 20-21 helpline, 326 povidone-iodine, **238** making claims, 321–323 personal protection equipment (PPE) precipitated pain, 93–94 predictive genetic testing, 49 radiation, 202 radiation pneumonitis, 280 cytotoxic drugs prednisolone, pneumonitis, 280, 281 radiation protection, 202-206 intravenous administration, 141 pregnancy dead patients, 414 preparation, 134-135 cervical smears and, 8 sentinel node localization, 14 ribavirin administration, 82 cytotoxic drugs on, 133 Radiation Therapy Oncology Group, grading of specimen handling, 3 nuclear medicine, 15 skin reactions, 246 pentamidine, 84 unsealed source therapy, 208–209 radiation warning notices, intraoral sealed pertuzumab, neo-adjuvant chemotherapy, ribavirin and, 81 source therapy, 221 radical dissection of neck, carotid artery Pregnancy and Work in Diagnostic Imaging 234 pharyngocutaneous fistulae, 261 (RCR report), 203 rupture, 261 phosphodiesterase type 5 inhibitors, 333 preloaded sources, sealed source therapy, radioactive decay, 202 photographs, nipple tattooing, 392 Radioactive Substances Act 1993, 203 photopheresis, extracorporeal, 72, 245 prescribing radioactivity, 202 physical activity, 371–377 physiotherapy, 103 chemotherapy, 138 radiology bowel obstruction, 288 end of life care, 406 breathlessness, 367–368 Entonox, 122 pericardial effusions, 301 pia mater, 109 prescriptions, free, 317-318 pneumonitis, 280-281 pigmentation, chemotherapy, 178 pressure points, P6, 176 radionuclides pigments, nipple tattooing, 391, 393, 394 pressure-relieving mattresses, Last Offices, diagnostic, 12-18 pillows, spinal cord compression, 292, 295, 297 legal aspects, 15 pincushion technique, 146 primary care, neuraxial blocks, 120 therapy with, 201-225 priorities, end of life care, 406 on tumour markers, **7** piperacillin, 278 radiotherapy carotid artery rupture, 261 PLaCE, compression systems, 340 placental alkaline phosphatase (PLAP), **6** privacy apheresis, 78 plasma, 58 cervical smears, 9 diarrhoea, 269 plasma exchange, 73 procarbazine, preparation for swallowing fungating wounds, 235 reactions, 80 difficulties, 160 pelvis, gastrointestinal symptoms, 338 plastic surgery, for chemotherapy procedural pain, 241 pneumonitis, 280 extravasation, 150 proctitis, after sealed source therapy, 220 scalp cooling, 179 platelets progesterone, on breast, 37 sexual effects, 330 collection, 73 prognosis, end of life care, 406 skin, 245–249 paracentesis, 284 see also thrombocytopenia space-occupying lesions, 303 radium-225, **207** prokinetic drugs, 276 prompt tools, holistic needs assessment, plerixafor, 72 314 Rasch-built overall disability scale, 95 pleural effusion, 168 prostate, 18 pleurodesis, 302 cancer EGFR inhibitors, 178, 247 iodine-125, 211–213, 220 PleurX™ drains, 284 graft-versus-host disease, 245 plexus nerve blocks, 108–109 nutritional status, 334 telephone triage tool, 257 transrectal ultrasound biopsy, 18-24 PLISSIT model, sexual concerns, 328 receptors, nausea and vomiting, 273 volume measurement, 22 reconstruction, breast, 391 pneumonia Pneumocystis jirovecii, 84 prostate-specific antigen, 6, 7 record-keeping, 156 respiratory syncytial virus, 80 specimen storage, 7 acupuncture, 106 pneumonitis, chemotherapy, 178, 280-281 prostatectomy, 332 administration record sheets, ribavirin, 81 prosthesis brushes, voice prostheses, pneumothorax chemotherapy from acupuncture, 107 389 consent, 137 central venous catheters, 75 Entonox and, 121 prosthetic nipples, 391 protective barriers (skin), 236, **242**, 244 extravasations, 151, 156 Last Offices, 413 poikilothermia, 300 protective floor coverings, unsealed source specimen collection, 3 recovery package, 312-313 polyhexamethylene biguanide, 237 therapy, 208 recruitment, clinical trials, 189 Polymem, 246, 248 prothrombin time, paracentesis, 284 pomalidomide, swallowing difficulties and, 160 protocols, clinical trials, 184 ponatinib, swallowing difficulties and, 160 Provox laryngectomy tube, 386 bleeding after prostate biopsy, 24 portal hypertension, 282 pruritus bowel obstruction, 288 fungating wounds, 243 cancer ports iridium-193 therapy, 212 peritoneal, 284 neuraxial blocks, 118, 119 see also implanted ports PSA see prostate-specific antigen pelvic exenteration, 333

bind 428 10 August 2018 4:06 PM







examination	safer connectors, 113	septicaemia, 260
bowel obstruction, 288	safety checklists, neuraxial blocks, 119	sequential circumferential measurement,
prostate biopsy, 22 pain, 94	safety reporting, clinical trials, 190–193 salbutamol, 86	limbs, 344–348 serious adverse events (SAE), clinical trials,
red blood cells, nuclear medicine, 14	saline soaks. 248	190–193
red marrow, 58	see also irrigation	serotonin, sexual desire and, 331
redness, extravasation, 144	saliva, on tumour markers, 7	sexual activity after sealed source therapy
referrals	salpingo-oophorectomy, sexual effects, 330 samarium-153, 207	prostate cancer, 220
genetic testing, 51 to medical examiners, 410	samples <i>see</i> specimens	vagina, 220 Sexual Activity Questionnaire, 328
reflexes	sanitary towels, sealed source therapy,	sexual concerns, 326–334
nausea and vomiting, 273	216	men, 329, 332–333
see also autonomic dysreflexia	scales	women, 329–332
refractory vomiting, 272 refrigerated systems, scalp cooling, 182	chemotherapy extravasations, 155	sexual desire loss (female), 331
regional nerve blocks, 108–109	symptom assessment, 175–176	loss (male), 333
registration, patients for clinical trials, 189	disability, 95	sexual health
regulations	exertion, 373	assessment scales, 328–329
apheresis, 74 clinical trials, 184–185	pain assessment, 96, 97 sexual health assessment, 328–329	WHO definition, 327 Sexual Health Inventory for Men, 329
radiation protection, 203	scales (weighing), 335, 336, 337	shampoo, 184
rehabilitation, spinal cord compression, 300	scalp cooling, 179–184	shared care, 312
rehydration, 271	machines, 181, 182	sharps
see also fluid therapy relaxation, 380, 383	scalpel blades breast biopsy, 42	cytotoxic drug preparation, 135 nuclear medicine, 15
breathing technique, 381	marrow procedures, 65	sheets, Last Offices, 413
for pain, 103	paracentesis, 285	shock, paracentesis, 287
spinal cord compression, 292	SCCA (squamous cell carcinoma antigen), 6	short-stretch bandages, 348–357
religious care, 406–407, 410, 415	sclerosants, intrapleural, 168 sclerosis	sievert (unit), 202
remote afterloading, 214–216 renal failure	biliary, 175	silicone dressings, 240 , 241 silks, oral caesium-137 therapy, 212
fluid therapy, 178	graft-versus-host disease, 245	silver caps, Manchester applicator, 214
methadone, 100	SCoR guidelines, radiotherapy skin care,	silver dressings, 238
opioids, 102 on tumour markers, 7	247	silver nitrate sticks, 240
see also acute kidney injury; nephrotoxicity	screening cervical smears, 8	sinuses, malignant, 229 site initiation visits (SIV), 185–186
renography, 12 , 14	nutritional, 335, 338	sites of clinical trials, 185
repatriation, dead patients, 409	patients for clinical trials, 189	siting, intravenous chemotherapy, 139, 143,
Replens (vaginal moisturizer), 331	sea-bands, 176	144
request forms, 4 research, 184–193	sealed source therapy, 211–223 death after, 414	skin chemotherapy toxicity, 178
residence permit, biometric, 317	intraoral see oral implants	end of life, 404
resistance to antibiotics	sedation	fungating wounds see malignant fungating
prostate biopsy, 21	carotid artery rupture, 262, 263	wounds
respiratory depression, 118	end of life, 407	graft-versus-host disease, 244–245
regnizatory function spinal cord compression		heat-moisture evahange systems 387
respiratory function, spinal cord compression, 299	marrow procedures, 62	heat-moisture exchange systems, 387 limb compression therapy, 349, 357
299 respiratory secretions, end of life, 407	marrow procedures, 62 sedation (unwanted), neuraxial blocks, 116 , 118	limb compression therapy, 349, 357 nipple tattooing, 391
299 respiratory secretions, end of life, 407 respiratory syncytial virus, 80	marrow procedures, 62 sedation (unwanted), neuraxial blocks, 116 , 118 seeds, sealed source therapy, 211, 213	limb compression therapy, 349, 357 nipple tattooing, 391 occupational exposure to cytotoxic drugs,
299 respiratory secretions, end of life, 407 respiratory syncytial virus, 80 resting positions, 367, 368	marrow procedures, 62 sedation (unwanted), neuraxial blocks, 116 , 118 seeds, sealed source therapy, 211, 213 segmental effects, acupuncture, 104	limb compression therapy, 349, 357 nipple tattooing, 391 occupational exposure to cytotoxic drugs, 133, 136
299 respiratory secretions, end of life, 407 respiratory syncytial virus, 80 resting positions, 367, 368 restlessness, end of life, 407	marrow procedures, 62 sedation (unwanted), neuraxial blocks, 116 , 118 seeds, sealed source therapy, 211, 213	limb compression therapy, 349, 357 nipple tattooing, 391 occupational exposure to cytotoxic drugs, 133, 136 periwound, 236
respiratory secretions, end of life, 407 respiratory syncytial virus, 80 resting positions, 367, 368 restlessness, end of life, 407 retching, defined, 271 retroperitoneal lymph node dissection,	marrow procedures, 62 sedation (unwanted), neuraxial blocks, 116, 118 seeds, sealed source therapy, 211, 213 segmental effects, acupuncture, 104 seizures from acupuncture, 107 space-occupying lesions, 302, 303	limb compression therapy, 349, 357 nipple tattooing, 391 occupational exposure to cytotoxic drugs, 133, 136 periwound, 236 radiotherapy, 245–249 terminal illness, 404, 407
respiratory secretions, end of life, 407 respiratory syncytial virus, 80 resting positions, 367, 368 restlessness, end of life, 407 retching, defined, 271 retroperitoneal lymph node dissection, 332–333	marrow procedures, 62 sedation (unwanted), neuraxial blocks, 116, 118 seeds, sealed source therapy, 211, 213 segmental effects, acupuncture, 104 seizures from acupuncture, 107 space-occupying lesions, 302, 303 selective serotonin reuptake inhibitors, sexual	limb compression therapy, 349, 357 nipple tattooing, 391 occupational exposure to cytotoxic drugs, 133, 136 periwound, 236 radiotherapy, 245–249 terminal illness, 404, 407 skin barriers, 236, 242 , 244
respiratory secretions, end of life, 407 respiratory syncytial virus, 80 resting positions, 367, 368 restlessness, end of life, 407 retching, defined, 271 retroperitoneal lymph node dissection, 332–333 rhenium-187, 207	marrow procedures, 62 sedation (unwanted), neuraxial blocks, 116, 118 seeds, sealed source therapy, 211, 213 segmental effects, acupuncture, 104 seizures from acupuncture, 107 space-occupying lesions, 302, 303 selective serotonin reuptake inhibitors, sexual desire and, 331	limb compression therapy, 349, 357 nipple tattooing, 391 occupational exposure to cytotoxic drugs, 133, 136 periwound, 236 radiotherapy, 245–249 terminal illness, 404, 407 skin barriers, 236, 242 , 244 skin-tunnelled catheters, 140
respiratory secretions, end of life, 407 respiratory syncytial virus, 80 resting positions, 367, 368 restlessness, end of life, 407 retching, defined, 271 retroperitoneal lymph node dissection, 332–333	marrow procedures, 62 sedation (unwanted), neuraxial blocks, 116, 118 seeds, sealed source therapy, 211, 213 segmental effects, acupuncture, 104 seizures from acupuncture, 107 space-occupying lesions, 302, 303 selective serotonin reuptake inhibitors, sexual	limb compression therapy, 349, 357 nipple tattooing, 391 occupational exposure to cytotoxic drugs, 133, 136 periwound, 236 radiotherapy, 245–249 terminal illness, 404, 407 skin barriers, 236, 242 , 244
respiratory secretions, end of life, 407 respiratory syncytial virus, 80 resting positions, 367, 368 restlessness, end of life, 407 retching, defined, 271 retroperitoneal lymph node dissection, 332–333 rhenium-187, 207 ribavirin, 58, 80–84 adverse effects, 84 rinsebacks, cell separators, 78	marrow procedures, 62 sedation (unwanted), neuraxial blocks, 116, 118 seeds, sealed source therapy, 211, 213 segmental effects, acupuncture, 104 seizures from acupuncture, 107 space-occupying lesions, 302, 303 selective serotonin reuptake inhibitors, sexual desire and, 331 Selectron, 214–215, 217 removal, 218–219 self-administration	limb compression therapy, 349, 357 nipple tattooing, 391 occupational exposure to cytotoxic drugs, 133, 136 periwound, 236 radiotherapy, 245–249 terminal illness, 404, 407 skin barriers, 236, 242 , 244 skin-tunnelled catheters, 140 sleep, 377, 380–383 fact sheet, <i>383</i> sleep diary, <i>381</i>
respiratory secretions, end of life, 407 respiratory syncytial virus, 80 resting positions, 367, 368 restlessness, end of life, 407 retching, defined, 271 retroperitoneal lymph node dissection, 332–333 rhenium-187, 207 ribavirin, 58, 80–84 adverse effects, 84 rinsebacks, cell separators, 78 risk-reducing surgery, inherited cancer	marrow procedures, 62 sedation (unwanted), neuraxial blocks, 116, 118 seeds, sealed source therapy, 211, 213 segmental effects, acupuncture, 104 seizures from acupuncture, 107 space-occupying lesions, 302, 303 selective serotonin reuptake inhibitors, sexual desire and, 331 Selectron, 214–215, 217 removal, 218–219 self-administration pentamidine, 84, 86–87	limb compression therapy, 349, 357 nipple tattooing, 391 occupational exposure to cytotoxic drugs, 133, 136 periwound, 236 radiotherapy, 245–249 terminal illness, 404, 407 skin barriers, 236, 242 , 244 skin-tunnelled catheters, 140 sleep, 377, 380–383 fact sheet, <i>383</i> sleep diary, <i>381</i> sleep hygiene, 382, <i>383</i>
respiratory secretions, end of life, 407 respiratory syncytial virus, 80 resting positions, 367, 368 restlessness, end of life, 407 retching, defined, 271 retroperitoneal lymph node dissection, 332–333 rhenium-187, 207 ribavirin, 58, 80–84 adverse effects, 84 rinsebacks, cell separators, 78 risk-reducing surgery, inherited cancer syndromes, 330	marrow procedures, 62 sedation (unwanted), neuraxial blocks, 116, 118 seeds, sealed source therapy, 211, 213 segmental effects, acupuncture, 104 seizures from acupuncture, 107 space-occupying lesions, 302, 303 selective serotonin reuptake inhibitors, sexual desire and, 331 Selectron, 214–215, 217 removal, 218–219 self-administration pentamidine, 84, 86–87 see also Entonox; patient-controlled	limb compression therapy, 349, 357 nipple tattooing, 391 occupational exposure to cytotoxic drugs, 133, 136 periwound, 236 radiotherapy, 245–249 terminal illness, 404, 407 skin barriers, 236, 242 , 244 skin-tunnelled catheters, 140 sleep, 377, 380–383 fact sheet, <i>383</i> sleep diary, <i>381</i> sleep hygiene, 382, <i>383</i> Sleeve on, 343
respiratory secretions, end of life, 407 respiratory syncytial virus, 80 resting positions, 367, 368 restlessness, end of life, 407 retching, defined, 271 retroperitoneal lymph node dissection, 332–333 rhenium-187, 207 ribavirin, 58, 80–84 adverse effects, 84 rinsebacks, cell separators, 78 risk-reducing surgery, inherited cancer	marrow procedures, 62 sedation (unwanted), neuraxial blocks, 116, 118 seeds, sealed source therapy, 211, 213 segmental effects, acupuncture, 104 seizures from acupuncture, 107 space-occupying lesions, 302, 303 selective serotonin reuptake inhibitors, sexual desire and, 331 Selectron, 214–215, 217 removal, 218–219 self-administration pentamidine, 84, 86–87 see also Entonox; patient-controlled analgesia	limb compression therapy, 349, 357 nipple tattooing, 391 occupational exposure to cytotoxic drugs, 133, 136 periwound, 236 radiotherapy, 245–249 terminal illness, 404, 407 skin barriers, 236, 242 , 244 skin-tunnelled catheters, 140 sleep, 377, 380–383 fact sheet, <i>383</i> sleep diary, <i>381</i> sleep hygiene, 382, <i>383</i>
respiratory secretions, end of life, 407 respiratory syncytial virus, 80 resting positions, 367, 368 restlessness, end of life, 407 retching, defined, 271 retroperitoneal lymph node dissection, 332–333 rhenium-187, 207 ribavirin, 58, 80–84 adverse effects, 84 rinsebacks, cell separators, 78 risk-reducing surgery, inherited cancer syndromes, 330 rituals, 408 rofecoxib, 99 Rolly (application aid), 343	marrow procedures, 62 sedation (unwanted), neuraxial blocks, 116, 118 seeds, sealed source therapy, 211, 213 segmental effects, acupuncture, 104 seizures from acupuncture, 107 space-occupying lesions, 302, 303 selective serotonin reuptake inhibitors, sexual desire and, 331 Selectron, 214–215, 217 removal, 218–219 self-administration pentamidine, 84, 86–87 see also Entonox; patient-controlled analgesia self-assessment, fungating wounds, 230 self-image see body image	limb compression therapy, 349, 357 nipple tattooing, 391 occupational exposure to cytotoxic drugs, 133, 136 periwound, 236 radiotherapy, 245–249 terminal illness, 404, 407 skin barriers, 236, 242 , 244 skin-tunnelled catheters, 140 sleep, 377, 380–383 fact sheet, <i>383</i> sleep diary, <i>381</i> sleep hygiene, 382, <i>383</i> Sleeve on, 343 sleeves, limb compression therapy, 360–361 Slide On Stocking, 343
respiratory secretions, end of life, 407 respiratory syncytial virus, 80 resting positions, 367, 368 restlessness, end of life, 407 retching, defined, 271 retroperitoneal lymph node dissection, 332–333 rhenium-187, 207 ribavirin, 58, 80–84 adverse effects, 84 rinsebacks, cell separators, 78 risk-reducing surgery, inherited cancer syndromes, 330 rituals, 408 rofecoxib, 99 Rolly (application aid), 343 round-knit compression garments, 358	marrow procedures, 62 sedation (unwanted), neuraxial blocks, 116, 118 seeds, sealed source therapy, 211, 213 segmental effects, acupuncture, 104 seizures from acupuncture, 107 space-occupying lesions, 302, 303 selective serotonin reuptake inhibitors, sexual desire and, 331 Selectron, 214–215, 217 removal, 218–219 self-administration pentamidine, 84, 86–87 see also Entonox; patient-controlled analgesia self-assessment, fungating wounds, 230 self-image see body image self-management, supported, 312	limb compression therapy, 349, 357 nipple tattooing, 391 occupational exposure to cytotoxic drugs, 133, 136 periwound, 236 radiotherapy, 245–249 terminal illness, 404, 407 skin barriers, 236, 242 , 244 skin-tunnelled catheters, 140 sleep, 377, 380–383 fact sheet, <i>383</i> sleep diary, <i>381</i> sleep hygiene, 382, <i>383</i> Sleeve on, 343 sleeves, limb compression therapy, 360–361 Slide On Stocking, 343 slippage, compression garments, 361
respiratory secretions, end of life, 407 respiratory syncytial virus, 80 resting positions, 367, 368 restlessness, end of life, 407 retching, defined, 271 retroperitoneal lymph node dissection, 332–333 rhenium-187, 207 ribavirin, 58, 80–84 adverse effects, 84 rinsebacks, cell separators, 78 risk-reducing surgery, inherited cancer syndromes, 330 rituals, 408 rofecoxib, 99 Rolly (application aid), 343 round-knit compression garments, 358 round magnums, nipple tattooing, 393	marrow procedures, 62 sedation (unwanted), neuraxial blocks, 116, 118 seeds, sealed source therapy, 211, 213 segmental effects, acupuncture, 104 seizures from acupuncture, 107 space-occupying lesions, 302, 303 selective serotonin reuptake inhibitors, sexual desire and, 331 Selectron, 214–215, 217 removal, 218–219 self-administration pentamidine, 84, 86–87 see also Entonox; patient-controlled analgesia self-assessment, fungating wounds, 230 self-image see body image self-management, supported, 312 semen, after sealed source therapy, 220	limb compression therapy, 349, 357 nipple tattooing, 391 occupational exposure to cytotoxic drugs, 133, 136 periwound, 236 radiotherapy, 245–249 terminal illness, 404, 407 skin barriers, 236, 242 , 244 skin-tunnelled catheters, 140 sleep, 377, 380–383 fact sheet, <i>383</i> sleep diary, <i>381</i> sleep hygiene, 382, <i>383</i> Sleeve on, 343 sleeves, limb compression therapy, 360–361 Slide On Stocking, 343 slippage, compression garments, 361 smoking
respiratory secretions, end of life, 407 respiratory syncytial virus, 80 resting positions, 367, 368 restlessness, end of life, 407 retching, defined, 271 retroperitoneal lymph node dissection, 332–333 rhenium-187, 207 ribavirin, 58, 80–84 adverse effects, 84 rinsebacks, cell separators, 78 risk-reducing surgery, inherited cancer syndromes, 330 rituals, 408 rofecoxib, 99 Rolly (application aid), 343 round-knit compression garments, 358	marrow procedures, 62 sedation (unwanted), neuraxial blocks, 116, 118 seeds, sealed source therapy, 211, 213 segmental effects, acupuncture, 104 seizures from acupuncture, 107 space-occupying lesions, 302, 303 selective serotonin reuptake inhibitors, sexual desire and, 331 Selectron, 214–215, 217 removal, 218–219 self-administration pentamidine, 84, 86–87 see also Entonox; patient-controlled analgesia self-assessment, fungating wounds, 230 self-image see body image self-management, supported, 312	limb compression therapy, 349, 357 nipple tattooing, 391 occupational exposure to cytotoxic drugs, 133, 136 periwound, 236 radiotherapy, 245–249 terminal illness, 404, 407 skin barriers, 236, 242 , 244 skin-tunnelled catheters, 140 sleep, 377, 380–383 fact sheet, <i>383</i> sleep diary, <i>381</i> sleep hygiene, 382, <i>383</i> Sleeve on, 343 sleeves, limb compression therapy, 360–361 Slide On Stocking, 343 slippage, compression garments, 361
respiratory secretions, end of life, 407 respiratory syncytial virus, 80 resting positions, 367, 368 restlessness, end of life, 407 retching, defined, 271 retroperitoneal lymph node dissection, 332–333 rhenium-187, 207 ribavirin, 58, 80–84 adverse effects, 84 rinsebacks, cell separators, 78 risk-reducing surgery, inherited cancer syndromes, 330 rituals, 408 rofecoxib, 99 Rolly (application aid), 343 round-knit compression garments, 358 round magnums, nipple tattooing, 393 Royal College of Nursing, on chemotherapy, 137 Royal Marsden Nutrition Screening Tool,	marrow procedures, 62 sedation (unwanted), neuraxial blocks, 116, 118 seeds, sealed source therapy, 211, 213 segmental effects, acupuncture, 104 seizures from acupuncture, 107 space-occupying lesions, 302, 303 selective serotonin reuptake inhibitors, sexual desire and, 331 Selectron, 214-215, 217 removal, 218-219 self-administration pentamidine, 84, 86-87 see also Entonox; patient-controlled analgesia self-assessment, fungating wounds, 230 self-image see body image self-management, supported, 312 semen, after sealed source therapy, 220 sensitivity (tests), 5 sensory-nociceptive model, breathlessness, 367	limb compression therapy, 349, 357 nipple tattooing, 391 occupational exposure to cytotoxic drugs, 133, 136 periwound, 236 radiotherapy, 245–249 terminal illness, 404, 407 skin barriers, 236, 242 , 244 skin-tunnelled catheters, 140 sleep, 377, 380–383 fact sheet, 383 sleep diary, 381 sleep hygiene, 382, 383 sleeve on, 343 sleeves, limb compression therapy, 360–361 Slide On Stocking, 343 slippage, compression garments, 361 smoking radiotherapy on skin, 247 vaginal atrophy, 331 Society and College of Radiographers,
respiratory secretions, end of life, 407 respiratory syncytial virus, 80 resting positions, 367, 368 restlessness, end of life, 407 retching, defined, 271 retroperitoneal lymph node dissection, 332–333 rhenium-187, 207 ribavirin, 58, 80–84 adverse effects, 84 rinsebacks, cell separators, 78 risk-reducing surgery, inherited cancer syndromes, 330 rituals, 408 rofecoxib, 99 Rolly (application aid), 343 round-knit compression garments, 358 round magnums, nipple tattooing, 393 Royal College of Nursing, on chemotherapy, 137 Royal Marsden Nutrition Screening Tool, 338	marrow procedures, 62 sedation (unwanted), neuraxial blocks, 116, 118 seeds, sealed source therapy, 211, 213 segmental effects, acupuncture, 104 seizures from acupuncture, 107 space-occupying lesions, 302, 303 selective serotonin reuptake inhibitors, sexual desire and, 331 Selectron, 214-215, 217 removal, 218-219 self-administration pentamidine, 84, 86-87 see also Entonox; patient-controlled analgesia self-assessment, fungating wounds, 230 self-image see body image self-management, supported, 312 semen, after sealed source therapy, 220 sensitivity (tests), 5 sensory-nociceptive model, breathlessness, 367 sentinel bleeds, 261	limb compression therapy, 349, 357 nipple tattooing, 391 occupational exposure to cytotoxic drugs, 133, 136 periwound, 236 radiotherapy, 245–249 terminal illness, 404, 407 skin barriers, 236, 242, 244 skin-tunnelled catheters, 140 sleep, 377, 380–383 fact sheet, 383 sleep diary, 381 sleep hygiene, 382, 383 Sleeve on, 343 sleeves, limb compression therapy, 360–361 Slide On Stocking, 343 slippage, compression garments, 361 smoking radiotherapy on skin, 247 vaginal atrophy, 331 Society and College of Radiographers, radiotherapy skin care guidelines, 247
respiratory secretions, end of life, 407 respiratory syncytial virus, 80 resting positions, 367, 368 restlessness, end of life, 407 retching, defined, 271 retroperitoneal lymph node dissection, 332–333 rhenium-187, 207 ribavirin, 58, 80–84 adverse effects, 84 rinsebacks, cell separators, 78 risk-reducing surgery, inherited cancer syndromes, 330 rituals, 408 rofecoxib, 99 Rolly (application aid), 343 round-knit compression garments, 358 round magnums, nipple tattooing, 393 Royal College of Nursing, on chemotherapy, 137 Royal Marsden Nutrition Screening Tool, 338 Royal Marsden wound assessment chart,	marrow procedures, 62 sedation (unwanted), neuraxial blocks, 116, 118 seeds, sealed source therapy, 211, 213 segmental effects, acupuncture, 104 seizures from acupuncture, 107 space-occupying lesions, 302, 303 selective serotonin reuptake inhibitors, sexual desire and, 331 Selectron, 214-215, 217 removal, 218-219 self-administration pentamidine, 84, 86-87 see also Entonox; patient-controlled analgesia self-assessment, fungating wounds, 230 self-image see body image self-management, supported, 312 semen, after sealed source therapy, 220 sensitivity (tests), 5 sensory-nociceptive model, breathlessness, 367 sentinel bleeds, 261 sentinel nodes, nuclear medicine, 14	limb compression therapy, 349, 357 nipple tattooing, 391 occupational exposure to cytotoxic drugs, 133, 136 periwound, 236 radiotherapy, 245–249 terminal illness, 404, 407 skin barriers, 236, 242, 244 skin-tunnelled catheters, 140 sleep, 377, 380–383 fact sheet, 383 sleep diary, 381 sleep hygiene, 382, 383 Sleeve on, 343 sleeves, limb compression therapy, 360–361 Slide On Stocking, 343 slippage, compression garments, 361 smoking radiotherapy on skin, 247 vaginal atrophy, 331 Society and College of Radiographers, radiotherapy skin care guidelines, 247 SOCRATES pain assessment framework, 97
respiratory secretions, end of life, 407 respiratory syncytial virus, 80 resting positions, 367, 368 restlessness, end of life, 407 retching, defined, 271 retroperitoneal lymph node dissection, 332–333 rhenium-187, 207 ribavirin, 58, 80–84 adverse effects, 84 rinsebacks, cell separators, 78 risk-reducing surgery, inherited cancer syndromes, 330 rituals, 408 rofecoxib, 99 Rolly (application aid), 343 round-knit compression garments, 358 round magnums, nipple tattooing, 393 Royal College of Nursing, on chemotherapy, 137 Royal Marsden Nutrition Screening Tool, 338	marrow procedures, 62 sedation (unwanted), neuraxial blocks, 116, 118 seeds, sealed source therapy, 211, 213 segmental effects, acupuncture, 104 seizures from acupuncture, 107 space-occupying lesions, 302, 303 selective serotonin reuptake inhibitors, sexual desire and, 331 Selectron, 214–215, 217 removal, 218–219 self-administration pentamidine, 84, 86–87 see also Entonox; patient-controlled analgesia self-assessment, fungating wounds, 230 self-image see body image self-management, supported, 312 semen, after sealed source therapy, 220 sensitivity (tests), 5 sensory-nociceptive model, breathlessness, 367 sentinel bleeds, 261 sentinel nodes, nuclear medicine, 14 sepsis central venous access devices, 260–261	limb compression therapy, 349, 357 nipple tattooing, 391 occupational exposure to cytotoxic drugs, 133, 136 periwound, 236 radiotherapy, 245–249 terminal illness, 404, 407 skin barriers, 236, 242, 244 skin-tunnelled catheters, 140 sleep, 377, 380–383 fact sheet, 383 sleep diary, 381 sleep hygiene, 382, 383 Sleeve on, 343 sleeves, limb compression therapy, 360–361 Slide On Stocking, 343 slippage, compression garments, 361 smoking radiotherapy on skin, 247 vaginal atrophy, 331 Society and College of Radiographers, radiotherapy skin care guidelines, 247
respiratory secretions, end of life, 407 respiratory syncytial virus, 80 resting positions, 367, 368 restlessness, end of life, 407 retching, defined, 271 retroperitoneal lymph node dissection, 332–333 rhenium-187, 207 ribavirin, 58, 80–84 adverse effects, 84 rinsebacks, cell separators, 78 risk-reducing surgery, inherited cancer syndromes, 330 rituals, 408 rofecoxib, 99 Rolly (application aid), 343 round-knit compression garments, 358 round magnums, nipple tattooing, 393 Royal College of Nursing, on chemotherapy, 137 Royal Marsden Nutrition Screening Tool, 338 Royal Marsden wound assessment chart, 233–234 rubber gloves, for limb compression therapy, 343, 359	marrow procedures, 62 sedation (unwanted), neuraxial blocks, 116, 118 seeds, sealed source therapy, 211, 213 segmental effects, acupuncture, 104 seizures from acupuncture, 107 space-occupying lesions, 302, 303 selective serotonin reuptake inhibitors, sexual desire and, 331 Selectron, 214–215, 217 removal, 218–219 self-administration pentamidine, 84, 86–87 see also Entonox; patient-controlled analgesia self-assessment, fungating wounds, 230 self-image see body image self-management, supported, 312 semen, after sealed source therapy, 220 sensitivity (tests), 5 sensory-nociceptive model, breathlessness, 367 sentinel bleeds, 261 sentinel nodes, nuclear medicine, 14 sepsis central venous access devices, 260–261 diarrhoea, 270	limb compression therapy, 349, 357 nipple tattooing, 391 occupational exposure to cytotoxic drugs, 133, 136 periwound, 236 radiotherapy, 245–249 terminal illness, 404, 407 skin barriers, 236, 242, 244 skin-tunnelled catheters, 140 sleep, 377, 380–383 fact sheet, 383 sleep diary, 381 sleep hygiene, 382, 383 Sleeve on, 343 sleeves, limb compression therapy, 360–361 Slide On Stocking, 343 slippage, compression garments, 361 smoking radiotherapy on skin, 247 vaginal atrophy, 331 Society and College of Radiographers, radiotherapy skin care guidelines, 247 SOCRATES pain assessment framework, 97 sodium lauryl sulphate, 247 sodium restriction, ascites, 283 somatic genetic testing, 48
respiratory secretions, end of life, 407 respiratory syncytial virus, 80 resting positions, 367, 368 restlessness, end of life, 407 retching, defined, 271 retroperitoneal lymph node dissection, 332–333 rhenium-187, 207 ribavirin, 58, 80–84 adverse effects, 84 rinsebacks, cell separators, 78 risk-reducing surgery, inherited cancer syndromes, 330 rituals, 408 rofecoxib, 99 Rolly (application aid), 343 round-knit compression garments, 358 round magnums, nipple tattooing, 393 Royal College of Nursing, on chemotherapy, 137 Royal Marsden Nutrition Screening Tool, 338 Royal Marsden wound assessment chart, 233–234 rubber gloves, for limb compression therapy, 343, 359 ruxolitinib, swallowing difficulties and, 160	marrow procedures, 62 sedation (unwanted), neuraxial blocks, 116, 118 seeds, sealed source therapy, 211, 213 segmental effects, acupuncture, 104 seizures from acupuncture, 107 space-occupying lesions, 302, 303 selective serotonin reuptake inhibitors, sexual desire and, 331 Selectron, 214–215, 217 removal, 218–219 self-administration pentamidine, 84, 86–87 see also Entonox; patient-controlled analgesia self-assessment, fungating wounds, 230 self-image see body image self-management, supported, 312 semen, after sealed source therapy, 220 sensitivity (tests), 5 sensory-nociceptive model, breathlessness, 367 sentinel bleeds, 261 sentinel nodes, nuclear medicine, 14 sepsis central venous access devices, 260–261 diarrhoea, 270 emesis, 274	limb compression therapy, 349, 357 nipple tattooing, 391 occupational exposure to cytotoxic drugs, 133, 136 periwound, 236 radiotherapy, 245–249 terminal illness, 404, 407 skin barriers, 236, 242, 244 skin-tunnelled catheters, 140 sleep, 377, 380–383 fact sheet, 383 sleep diary, 381 sleep hygiene, 382, 383 Sleeve on, 343 sleeves, limb compression therapy, 360–361 Slide On Stocking, 343 slippage, compression garments, 361 smoking radiotherapy on skin, 247 vaginal atrophy, 331 Society and College of Radiographers, radiotherapy skin care guidelines, 247 SOCRATES pain assessment framework, 97 sodium lauryl sulphate, 247 sodium restriction, ascites, 283 somatic genetic testing, 48 sorafenib, preparation for swallowing
respiratory secretions, end of life, 407 respiratory syncytial virus, 80 resting positions, 367, 368 restlessness, end of life, 407 retching, defined, 271 retroperitoneal lymph node dissection, 332–333 rhenium-187, 207 ribavirin, 58, 80–84 adverse effects, 84 rinsebacks, cell separators, 78 risk-reducing surgery, inherited cancer syndromes, 330 rituals, 408 rofecoxib, 99 Rolly (application aid), 343 round-knit compression garments, 358 round magnums, nipple tattooing, 393 Royal College of Nursing, on chemotherapy, 137 Royal Marsden Nutrition Screening Tool, 338 Royal Marsden wound assessment chart, 233–234 rubber gloves, for limb compression therapy, 343, 359	marrow procedures, 62 sedation (unwanted), neuraxial blocks, 116, 118 seeds, sealed source therapy, 211, 213 segmental effects, acupuncture, 104 seizures from acupuncture, 107 space-occupying lesions, 302, 303 selective serotonin reuptake inhibitors, sexual desire and, 331 Selectron, 214-215, 217 removal, 218-219 self-administration pentamidine, 84, 86-87 see also Entonox; patient-controlled analgesia self-assessment, fungating wounds, 230 self-image see body image self-management, supported, 312 semen, after sealed source therapy, 220 sensitivity (tests), 5 sensory-nociceptive model, breathlessness, 367 sentinel bleeds, 261 sentinel nodes, nuclear medicine, 14 sepsis central venous access devices, 260-261 diarrhoea, 270 emesis, 274 neutropenia, 254, 277-280	limb compression therapy, 349, 357 nipple tattooing, 391 occupational exposure to cytotoxic drugs, 133, 136 periwound, 236 radiotherapy, 245–249 terminal illness, 404, 407 skin barriers, 236, 242, 244 skin-tunnelled catheters, 140 sleep, 377, 380–383 fact sheet, 383 sleep diary, 381 sleep hygiene, 382, 383 sleeve on, 343 sleeves, limb compression therapy, 360–361 Slide On Stocking, 343 slippage, compression garments, 361 smoking radiotherapy on skin, 247 vaginal atrophy, 331 Society and College of Radiographers, radiotherapy skin care guidelines, 247 SOCRATES pain assessment framework, 97 sodium lauryl sulphate, 247 sodium restriction, ascites, 283 somatic genetic testing, 48 sorafenib, preparation for swallowing difficulties, 161
respiratory secretions, end of life, 407 respiratory syncytial virus, 80 resting positions, 367, 368 restlessness, end of life, 407 retching, defined, 271 retroperitoneal lymph node dissection, 332–333 rhenium-187, 207 ribavirin, 58, 80–84 adverse effects, 84 rinsebacks, cell separators, 78 risk-reducing surgery, inherited cancer syndromes, 330 rituals, 408 rofecoxib, 99 Rolly (application aid), 343 round-knit compression garments, 358 round magnums, nipple tattooing, 393 Royal College of Nursing, on chemotherapy, 137 Royal Marsden Nutrition Screening Tool, 338 Royal Marsden wound assessment chart, 233–234 rubber gloves, for limb compression therapy, 343, 359 ruxolitinib, swallowing difficulties and, 160	marrow procedures, 62 sedation (unwanted), neuraxial blocks, 116, 118 seeds, sealed source therapy, 211, 213 segmental effects, acupuncture, 104 seizures from acupuncture, 107 space-occupying lesions, 302, 303 selective serotonin reuptake inhibitors, sexual desire and, 331 Selectron, 214–215, 217 removal, 218–219 self-administration pentamidine, 84, 86–87 see also Entonox; patient-controlled analgesia self-assessment, fungating wounds, 230 self-image see body image self-management, supported, 312 semen, after sealed source therapy, 220 sensitivity (tests), 5 sensory-nociceptive model, breathlessness, 367 sentinel bleeds, 261 sentinel nodes, nuclear medicine, 14 sepsis central venous access devices, 260–261 diarrhoea, 270 emesis, 274	limb compression therapy, 349, 357 nipple tattooing, 391 occupational exposure to cytotoxic drugs, 133, 136 periwound, 236 radiotherapy, 245–249 terminal illness, 404, 407 skin barriers, 236, 242, 244 skin-tunnelled catheters, 140 sleep, 377, 380–383 fact sheet, 383 sleep diary, 381 sleep hygiene, 382, 383 Sleeve on, 343 sleeves, limb compression therapy, 360–361 Slide On Stocking, 343 slippage, compression garments, 361 smoking radiotherapy on skin, 247 vaginal atrophy, 331 Society and College of Radiographers, radiotherapy skin care guidelines, 247 SOCRATES pain assessment framework, 97 sodium lauryl sulphate, 247 sodium restriction, ascites, 283 somatic genetic testing, 48 sorafenib, preparation for swallowing difficulties, 161 sorbitol, 271
respiratory secretions, end of life, 407 respiratory syncytial virus, 80 resting positions, 367, 368 restlessness, end of life, 407 retching, defined, 271 retroperitoneal lymph node dissection, 332–333 rhenium-187, 207 ribavirin, 58, 80–84 adverse effects, 84 rinsebacks, cell separators, 78 risk-reducing surgery, inherited cancer syndromes, 330 rituals, 408 rofecoxib, 99 Rolly (application aid), 343 round-knit compression garments, 358 round magnums, nipple tattooing, 393 Royal College of Nursing, on chemotherapy, 137 Royal Marsden Nutrition Screening Tool, 338 Royal Marsden wound assessment chart, 233–234 rubber gloves, for limb compression therapy, 343, 359 ruxolitinib, swallowing difficulties and, 160 Ryles tubes see nasogastric tubes	marrow procedures, 62 sedation (unwanted), neuraxial blocks, 116, 118 seeds, sealed source therapy, 211, 213 segmental effects, acupuncture, 104 seizures from acupuncture, 107 space-occupying lesions, 302, 303 selective serotonin reuptake inhibitors, sexual desire and, 331 Selectron, 214–215, 217 removal, 218–219 self-administration pentamidine, 84, 86–87 see also Entonox; patient-controlled analgesia self-assessment, fungating wounds, 230 self-image see body image self-management, supported, 312 semen, after sealed source therapy, 220 sensitivity (tests), 5 sensory-nociceptive model, breathlessness, 367 sentinel bleeds, 261 sentinel nodes, nuclear medicine, 14 sepsis central venous access devices, 260–261 diarrhoea, 270 emesis, 274 neutropenia, 254, 277–280 spinal blocks and, 112	limb compression therapy, 349, 357 nipple tattooing, 391 occupational exposure to cytotoxic drugs, 133, 136 periwound, 236 radiotherapy, 245–249 terminal illness, 404, 407 skin barriers, 236, 242, 244 skin-tunnelled catheters, 140 sleep, 377, 380–383 fact sheet, 383 sleep diary, 381 sleep hygiene, 382, 383 sleeve on, 343 sleeves, limb compression therapy, 360–361 Slide On Stocking, 343 slippage, compression garments, 361 smoking radiotherapy on skin, 247 vaginal atrophy, 331 Society and College of Radiographers, radiotherapy skin care guidelines, 247 SOCRATES pain assessment framework, 97 sodium lauryl sulphate, 247 sodium restriction, ascites, 283 somatic genetic testing, 48 sorafenib, preparation for swallowing difficulties, 161

bind 429

10 August 2018 4:06 PM

Index specificity (tests), 5 stratified care, 312, 313 specimens, 2 stress management, 381 bladder biopsy, 34 bone marrow, 61, 62, 65 stroke, NSAIDs and, 99 strontium-89, **207** breast biopsy, 42, 47 fine-needle aspiration, 44–45 nipple discharge smears, 48 clinical trials, 186 after nuclear medicine investigations, 17 prostate biopsy, 18 sucralfate paste, 240 selection, 4 suicide transportation, 3–4 assisted, 405 tumour markers, 7 tramadol on, 100 unsealed source therapy, 208, 210 spiking, infusion bags, 141 difficulties, 161 spillages superior vena cava, 262 body fluids, nuclear medicine, 16 cytotoxic drugs, 135-136 systemic effects, 134 surface area, body, 138 radiopharmaceuticals, 203-204 specimens, 3 spinal blocks *see* neuraxial blocks surgery bowel obstruction, 289 spinal braces, 291, 298 spinal cord, 109, 110 compression, 254, 289-301, 374 spinal nerve roots, 109, 111, 289 spinal shock, 289, 300 spiritual care, 406–407, 410, 415 spironolactone, ascites, 283 sporadic cancers, 49 emergencies, 390 squamous cell carcinoma antigen, 6 survivorship, 312 stadiometers, 335, 336 staging, bladder cancer, 25, 26 standard infection control, 3 157-161 standard operating procedures, 190 Starling's hypothesis, 340 swelling, extravasation, 145 static stiffness index (SSI), compression syncope systems, 340 Statutory Sick Pay, 316 stem cells, 58, 59 collection, 58, 67–72, **73**, 78–79 syringes after nuclear medicine investigations, 17 Luer-Lok, 141 see also apheresis transplantation, 244 stents biological, 132-133 superior vena cava obstruction, 264 ureters, removal, 30-31 stercoral perforation, 288 sternum, marrow procedures, 60-61, 67 steroids apheresis, 76 for extravasation, 146–148 graft-versus-host disease, 245 see also chemotherapy ipilimumab-induced diarrhoea, 269, T lymphocytes, 60 neutropenic sepsis, 277 pneumonitis, 280, 281 regional nerve blocks, 109 space-occupying lesions, 303 spinal blocks, 112 topical, 245, **248** tape measures, 335, 346 Stockholm applicators, 213-214 tapentadol, 101 stockinette, tubular, 350 Targinact, 100-101 stockings compression therapy, 359, 360 tattooing, 390-391 application aids, 342, 343 nipples, 390-395 thromboembolic deterrent, 301 taxanes stomas, laryngectomy, 383 shrinkage, **387** hypersensitivity, 177 scalp cooling and, 180 stomatitis tazobactam, 278 chemotherapy, 177-178 teachable moment, 374 telephone triage tool, 257 telangiectasia, 249 stools, bowel obstruction, 288 telephone calls storage Employment and Support Allowance claims, diagnostic specimens, 4 prostate-specific antigen, 7 oral chemotherapy agents, 158 Personal Independence Payment claims, 322

strike-through, dressings, 244 study staff, clinical trials, 185 subcutaneous administration, SACT, 162-164 subcutaneous analgesia, 99 subjective global assessment, nutrition, 338 sublingual analgesia, 99, 101, 102 sunitinib, preparation for swallowing obstruction, 254, 262-264 supported self-management, 312 surface measurements, limbs, 344–345 carotid artery rupture after, 261 death within 24 hours, 414 fungating wounds, 232-234 inherited cancer syndromes, 330 after nuclear medicine investigations, 17–18 space-occupying lesions, 303 surgical voice restoration, 383 sutures, nipple tattooing and, 392 swallowing difficulties, oral chemotherapy, sweating, spinal cord compression, 299, 300 spinal cord compression, 300 see also vasovagal syncope syngeneic stem cell collection, 73 radiopharmaceuticals, 17 systemic anticancer therapy (SACT), 132 administration by nurses, 137–138 intramuscular administration, 162-164 intravenous administration, 138-156 intrathecal chemotherapy and, 165 sequence of drugs, 144 oral administration, 156-162 subcutaneous administration, 162-164 tablets (electronic), holistic needs assessment, tachycardia, neutropenic sepsis, 277 tachypnoea, neutropenic sepsis, 277 tamponade, cardiac, 67, 301, 302 taste, chemotherapy on, 176-177 telephone advice lines, 255, 256-257

wounds, 231 telogen, hair follicles, 179 temozolomide, preparation for swallowing difficulties, 161 temperature Entonox, 121, **124** scalp cooling, 179 temperature (body) after death, 411 intraperitoneal chemotherapy, 173 neutropenic sepsis, 277 thermoregulation, spinal cord compression, 300–301 temporal lobe, lesions, 302 Tenckhoff catheter, 172 tenesmus, 94 tents, ribavirin administration, 81 teratogenesis, ribavirin, 81 terminal illness end of life care, 404-417 statutory benefits, 316, 318, 323, 324 testicular cancer, retroperitoneal lymph node dissection, 332-333 testosterone supplements, 333 tests, diagnostic, defined, 2 tetraplegia, respiratory function, 299 Teysuno, swallowing difficulties and, 161 thalidomide, preparation for swallowing difficulties, **161**Therakos CelexTM cell separator, *75* therapeutic relationships, 103 therapeutic touch, 292 Thermocirculator, scalp cooling, 182 thermoluminescent dosimeter badges, 15, 204 thermoregulation, spinal cord compression, 300–301 thoracic pain, 94 throat pain, pentamidine, 87 thrombocytopenia after apheresis, 80 from chemotherapy, 176 marrow procedures and, 63 paracentesis, 284 thrombolytic therapy, catheter related thrombosis and, 260 thrombosis catheters, 259-260 intra-arterial chemotherapy, 175 superior vena cava obstruction, 264 see also venous thromboembolism thyroid, nuclear medicine, **13** time spent with patient, intraoral sealed source therapy, 221 TIME wound bed preparation, 235 tioguanine, preparation for swallowing difficulties, 161 tissue donation, 409, 410, 414 titration, opioids, 100, 101 TNM classification, 25, **26** toes, compression therapy, 354-356 topical anaesthesia fungating wounds, 242 marrow procedures, 63 topical application adrenaline, **240** cytotoxic drugs, 164-165 of negative pressure, 236 oestrogens, 331 opioids, 242 steroids, 245, 248 tranexamic acid, 240 treatments for peripheral neuropathy, 102 topotecan, swallowing difficulties and, 161 total pain, 96 total parenteral nutrition, bowel obstruction, 289 touch screen tablets, holistic needs assessment, 314

TELER system, assessment of fungating





Universal Credit, 316, 320, 320 tourniquet effect, compression systems, 348, vemurafenib, swallowing difficulties and, 161 universal infection control, 3 venography catheter related thrombosis, 259 towels, cytotoxic drug spillages, 135 unmet needs, 313 tracheoesophageal puncture, 383 unmyelinated nerve fibres, 109 superior vena cava obstruction, 263 unsealed radioactive sources tracheostomy, carotid artery rupture, 263 venous access see central venous access training diagnostic see nuclear medicine devices; vascular access cell separators, 74 therapy with, 207-211 venous thromboembolism, 259 chemotherapy, 137 entering and leaving room, 208-209 see also deep vein thrombosis Entonox, 121-122 unstable spinal cord compression, 290, 291 ventilation lung scans, 12 nurse cystoscopists, 26 upper motor neurones, 289 ventricles (brain), cytotoxic drugs, 165, for spinal blocks, 112, 113 ureters, stent removal, 30-31 166–167 vesicants, 142, 143, 144 trajectories of disease, 404 urethra tramadol, 99-100 bleeding after prostate biopsy, 24 intravenous administration, 139 trauma, **36** tranexamic acid, 240 vessel health and preservation framework, transcutaneous electrical nerve stimulation, urinals, iodine-131 therapy, 210 103-104, 242, 243 urinary residue, before prostate biopsy, 20 Video Relay Service, British Sign Language, transdermal analgesia, 99, 100, 101 urinary retention 322, 324 transdermal patches, lidocaine, 102 after flexible cystoscopy, 36 video stacks, flexible cystoscopy, 27 transfer packs, bone marrow harvest, 70, 71 after intravesical chemotherapy, 171 viewing rooms, dead patients, 409, 415 transfusion reactions, 80 neuraxial blocks, 118, 119 vincristine, alopecia, 180 transmucosal analgesia, 99, 101, 102 after prostate biopsy, 24 vinorelbine, 138 spinal cord compression, 299 urinary tract, 24–25, 30 transperineal biopsy, prostate, 19 swallowing difficulties and, 161 viral infections, 80 transportation Virchow's triad, 259 blood cell collections, 78-79 urinary tract infections dead patients, 413 before flexible cystoscopy, 26 visitors specimens, 3-4 after flexible cystoscopy, 36 intraoral sealed source therapy, 221 transportation (patients), benefits (payments) PSA collection, 7 unsealed source therapy, 210 for, 318 urination, after sealed source therapy, 220 vismodegib, swallowing difficulties and, 161 transrectal ultrasound biopsy, prostate, 18-24 Visual Analogue Fatigue Severity Scale, 379 urine visualization, 242 transudates, ascites, 282 acute kidney injury, 265 vital signs monitors, iodine-131 mIBG therapy, trastuzumab, neo-adjuvant chemotherapy, 234 iodine-125 brachytherapy, 220 trays, specimen transportation, 3 iodine-131 therapy, 210 210 Trendelenburg position, 24, 36 telephone triage tool, 256 vitamin B₁₂, Entonox on, 123 trephine biopsy, bone marrow, 58-67 VO₂ max, 373 tretinoin, preparation for swallowing vocal folds, 383 prostate biopsy, 21 difficulties, 161 uroflowmetry, before prostate biopsy, 20 voice prostheses, 384, 385 triage, by telephone, 255, 256–257 cleaning, 388–389 urokinase, 145 emergencies, 389–390 volume of limb, 345, 348 trials (clinical), 184-193 urticaria, 144 tricyclic antidepressants, 243 uterus, 329 trigger points cancers, sexual effects, 330 vomiting nerve blocks, 108 sealed source therapy, 212, 213-214 bowel obstruction, 288 see also myofascial trigger point effect utility, genetic testing, 52 from chemotherapy, 176, 271-277 triple assessment, breast, 36 oral, 158 triple-packaging system, specimen transportation, 3 trocars, paracentesis, 285 vacuum, fine-needle aspiration, 44 neuraxial blocks, 118, 119 telephone triage tool, 257 terminal illness, **407** vacuum erection devices, 333 vagina Trousseau sign, 267 dilators, 331 vomiting centre, 273 trusting therapeutic relationships, 103 graft-versus-host disease, 330 antiemetics targeting, 276 tubular stockinette, 350 lubricants, 331 vulvectomy, sexual effects, 330 tumour lysis syndrome, 178, 254 moisturizers, 331 vulvo-vaginal symptoms, 330-331 tumour markers, 4-8 sealed source therapy, 212, 213–214, 219–220 symptoms, 330–331 topical oestrogens, 331 tumour necrosis factor inhibitors, ipilimumabwaist circumference, 335, 336, 338 induced diarrhoea, 269 warfarin, 260 vaginal speculums, 8–9, 10 Tuohy needles, 113 washing Turn2us (website), 321 validity, genetic testing, 52 cytotoxic drug spillages, 136 Value Added Tax, 318 turning of patient fungating wounds, 237 intrapleural chemotherapy, 169 vandetanib, preparation for swallowing Last Offices, 412 spinal cord compression, 291-292 difficulties, 161 during radiotherapy, 248 pelvic twist, 291, 295-296 variants, genetic, 49 waste, 4 12 core biopsy protocol, prostate, 18 vascular access cytotoxic drug preparation, 135 tyrosine kinase inhibitors, 132, **156** diarrhoea, 177, 268 apheresis, 74-75, 78 dressing changes, 244 intraperitoneal chemotherapy, 173 chemotherapy, 139-140 decision-making tool, 147-148 after pentamidine administration, 87 **UKONS** problems, 79 radioactive, 15, 16, 203 grading of diarrhoea, 269 spinal block patients, 114 water, for hypercalcaemia, 266-267 telephone triage tool, 256-257 see also central venous access devices water bottle heart, 301 vascular endothelial growth factor inhibitors, weight, 335-339 toxicity grading guide, 258 diarrhoea, 268 welfare advice, 315-326 ulcers white blood cells, radionuclide-labelled, 13 extravasation of cytotoxics, 144 vasoconstriction, wounds, 240 wound care, 228-252 vasodilators, 299 wigs, 184 ulna length, 336, 337 vasomotor symptoms, menopause, 330, 331 benefits (payments), 318 vasovagal syncope workplace controls, cytotoxic drugs, 133 catheter related thrombosis, 259 after flexible cystoscopy, 36 worksheets, apheresis, 75 prostate biopsy, 24 paracentesis, 283, 284, 285 World Health Organization umbilical cord, blood transplantation, 67 vectors, unsealed source therapy, 207 analgesic ladder, 98 Vega voice prosthesis, 385 definition of sexual health, 327 unconsciousness Velcro wraps (compression systems), 340, Entonox overdose, 125 on exercise, 374 epidural analgesia, 116 361-365

bind 431 10 August 2018 4:06 PM

on palliative care, 405



Wound and Symptoms Self-Assessment chart, 231

wound care fungating wounds, 228–252 marrow procedures, 67 wound healing, carotid artery rupture, 261 wrapping, Last Offices, 413 wrinkling, compression garments, **361**, 363, **365**

wrist bands, 15, 17 writing equipment, intraoral sealed source therapy, 223

xerosis, graft-versus-host disease, 245

xerostomia, acupuncture, 104

Y-tube irrigation sets, 172 yellow marrow, 58 yellow wrist bands, 15, 17

zoledronic acid, 265



