## Index

abdominal hysterectomy 222-6 abdominal mass 100-11 classification 100 differential diagnosis 100, 101 examination for 102 history taking for 102 minimal care/treatment 107 ovarian cysts 109 ovarian tumors 105-6 signs and symptoms 101 tubo-ovarian 109 ultrasound 105 abdominal palpation 4 abortion 123-32 complete cf incomplete 124 induction 125 infected 28-9 medical 125 methods for unsafe 128 minimum care/treatment 37 missed, management 130 post-abortion care 129 septic 197 signs and symptoms 36 unsafe and complications 128 see also miscarriage actinomycin D 405 acute Crohn's disease 63 acute diverticulitis 62 acute intestinal obstruction 62 acute pelvic pain 53-64 acute renal failure in hyperemesis gravidarum 49 acute severe menstrual blood loss 230 adenocarcinoma, endometrial 356-63 adhesions 76 intrauterine 137 subfertility and 179 adnexa, examination by bimanual vaginal palpation 7 adolescents, gynecology in 295-301 Adriamycin 405 adult male circumcision 197 adverse drug reactions 458 AIDS 200-10 see also HIV algorithm for acute pelvic pain in pregnancy 53 alopecia 399 amebic perforation of large bowel 63 ameboma 63 amenorrhea 84–90 anal sphincter injury 260-3 analgesia, analgesic ladder 409, 410

for endometriosis 72-3 half-lives of drugs 410 anatomy, for abdominal hysterectomy 219 for myomectomy 219 of breast 383 of pelvic floor 285 androgen insensitivity 88 anesthesia, spinal 243, 245 aneuploidy 136 angiosarcoma of breast 388 angurva cuts 276 anovulation 172 anti-fibrinolytic therapy for dysfunctional abnormal uterine bleeding 230 antiemetics 354, 398 antiphospholipid syndrome 135, 140 appendicitis 36, 39, 62 aromatase inhibitors 227 ascites drainage in palliative care 413 Asherman's syndrome 88, 137 audit, clinical 435-54 autologous blood transfusion 121-2 bacterial vaginosis 187 barriers to health service use 468 behavioral therapy 76 benign disease of breast 302-13 beta-thalassemia 63 bimanual vaginal palpation 6 bivalve speculum 4, 5 bladder prolapse 249 bladder pain syndrome 75-6 bladder stones 236 bleeding, abnormal premenopausal 91-5 acute severe menstrual loss 230 dysfunctional abnormal uterine bleeding 229-32 from nipple 305 in first-trimester pregnancy 21-33, 34 danger signs for ectopic pregnancy 25 laboratory investigations 24 physical examination for 23 signs and symptoms of 22 ultrasound 24 pre-pubertal vaginal 300 bleomycin 405 blood transfusion, autologous 121-2 bowel, amebic perforation of 63 BRCA1 and BRCA2 and ovarian cancer risk 345

breast anatomy 383 benign disease 302-13 biopsies 377 blood supply 383 bloody secretions from nipple 305 breast care programs 388 congenital abnormalities 312 core biopsy 305 differential diagnosis of diseases 306-12 examination of 8 clinical 303 self-examination 373 excisional biopsy for diagnosis 306 fibrocystic changes 310 history taking and 303 infections 307 magnetic resonance imaging 304 mammography 304, 374-6 minimal invasive breast biopsy 305 nerve supply 384 ultrasound examination of 14, 304 breast cancer 367-89 breast-conserving surgery 385 chemotherapy 385-6, 403 clinical examination 370 early detection/prevention 387 endocrine therapy 386 epidemiology 368 exulcerated 372 histological presentation 368 history taking for 370 in men 387 in pregnancy 387 in young patient 387 incidence 369 inflammatory 387 laboratory investigations for 374 magnetic resonance imaging for 376 pain in 413 palliative care for 387, 413 presentation and course 369 psychological response to 388, 413 radiotherapy 387, 393 surgical techniques for 383-5 TNM classification 369 treatment allocation. locally advanced disease 381 metastatic and recurrent disease 382 stage I disease 379 stage II disease 380 treatments for 377-82 ultrasound examination 374

## GYNECOLOGY FOR LESS-RESOURCED LOCATIONS

breastfeeding, as contraception 149 prescribing during 462 use of drugs during 460, 461 budgeting for health promotion 472 cancer. basic oncology in low-resource setting 391-406 breast 367-89 cervical 317-34 community health volunteers 419 endometrial 353-63, 365, 392, 402 HIV and 204, 205 ovarian cancer 344-52, 393, 401, 412 uterine corpus 356-66 candidiasis, vulvovaginal 188 in children and adolescents 298 carboplatin 404 carcinosarcoma 363 uterine, chemotherapy 402 catheter, blockage 267 care of after fistula repair 266 central nervous system disorders 89 cervical cancer 317-34 biopsy 325 diagnosis and treatment 331 endocervical curettage 326 FIGO staging of 331 HIV and 204 HPV and 319 incidence 317, 318 investigations for 324 natural history of 319 pain in 412 palliative care in 412 pre-malignant lesion treatment 326 primary prevention 321 radiotherapy in 392 secondary prevention 322 sub-Saharan Africa: a case study 320 treatment 327 cervical cerclage 141-3 cervicitis 189 cervix examination by bimanual vaginal palpation 6 examination using speculum 5 friable 31 hostile 172, 179 incompetent 136 cervical cerclage for 141-3 diagnosis 142 malignancies of 30, 317-34 polyps 31 cesarean section, after fistula repair 270 fistula after 258 chancroid ulcers 192 chaperones required for gynecological examination 3

chemo-radiation 392 chemotherapy 395-406 alopecia 399 combination 396 common drugs 404–6 dose 396 extravasation 400 febrile neutropenia 397 for breast cancer 385-6 for endometrial adenocarcinoma 362 for high-risk molar pregnancy 339 multi-agent 341 single-agent 341 hematological toxicity 397 hemorrhagic cystitis 399 hypersensitivity 400 in advanced stage ovarian cancer 349 in gynecological cancers 401-3 in low-resource settings 349 intraperitoneal 349 landmark studies in ovarian cancer 348, 349 mucositis 400 nausea and vomiting 398 neoadjuvant in epithelial ovarian cancer 350 neurotoxicity 399 protocol for epithelial ovarian cancer 354, 355 pulmonary side-effects 401 safe handling of cytotoxic drugs 462 skin changes 399 toxicity 396 waste management and safety 401 children, gynecology in 295-301 Chlamydia trachomatis 30, 189 choriocarcinoma 340 chronic pelvic pain 66-77, 278 circumcision, adult male 197 see also female genital mutilation cisplatin 404 clinical audits 435-54 clitoris. neurinoma of 279 restoral of 281-3 cold knife conization 329-30 colposcopy 18 community, accessing women in need 470 attitudes to fistula in 271 barriers to health service use 468 healthcare at community level 467 model of care in 419 palliative care in 417, 418 promotion of health in 471-5 response to abortion 129 sensitization to breast care 388 to health promotion 471 community health volunteers 419

complementary therapies for chronic pelvic pain 77 condoms 168 use in sexually transmitted infection prevention 197 condylomata acuminata 192 in children and adolescents 299 congenital syphilis 191 congenital uterine malformations 136 contraception 147-69 choices of 148 condoms 168 considerations 147 copper intrauterine device 155-8 eligibility criteria 149, 150 emergency 165-8 female sterilization 158-61 fertility awareness methods 152 HIV and 168, 207 implants 154 lactation amenorrhea method 149 long-acting reversible contraceptives 152 oral 163-5 progestogen-only pills 165 use of oral for abnormal uterine bleeding 230 vasectomy 161 when to start 153 contractures 236 copper intrauterine device 155-8 emergency contraception 166 core biopsy of breast 305 corticosteroid use in hyperemesis gravidarum 46 Crohn's disease, acute 63 cryotherapy 327-8 cryptococcal meningitis 415 cryptomenorrhea 61 culdocentesis 25, 119 cyclophosphamide 405 cystadenomas 301 cystitis, hemorrhagic 399 cystocele 290 cysts, simple ovarian 109 cytology of breast cancer 376 dactinomycin use in molar pregnancy 341 defibulation 280 delayed puberty 89 depot medroxyprogesterone acetate 161 depression in hyperemesis gravidarum 49 dermatitis, urine 236 vulvovaginitis and contact dermatitis 297 diabetes and recurrent miscarriage 137 dietary guidelines for hyperemesis gravidarum 47

community palliative care team 420

differential diagnosis, abdominal masses 100, 101 bleeding in first-trimester pregnancy 21 breast disease 306-12 breast lesions 302 ectopic pregnancy 117 fistula 241 lower abdominal pain in first trimester pregnancy 35 ovarian tumors 105 vaginitis 189 disability-adjusted life years 431 discharge, wet mounts for vaginal 5-6 disease burden 430 disease frequency measures 426-8 disease management and epidemiology 428 diverticulitis, acute 62 docetaxel 404 documentation for ultrasound 12, 17 doxorubicin 405 drama groups for health promotion 474 drug management cycle 456 drugs, adverse reactions 458 fetotoxic 462 good prescribing practice 457 interactions 458, 459-60 management of 456-64 monitoring of use and consumption 457 procurement and distribution 457 safe handling of cytotoxic drugs 462-4 storage 457 teratogenic 461 use in pregnancy and lactation 460 dysfunctional abnormal uterine bleeding 229-32 dysgenesis, gonadal 86 dysmenorrhea 59, 79-83 dyspareunia 278 early pubertal development 296 ectopic pregnancy 59, 115-22 danger signs for 25 minimum care/treatment 37, 119 prevention 116 risk factors 116 signs and symptoms 36, 116 emergency contraception 165-8 emetogenicity 398 endometrial adenocarcinoma 356-63 adjuvant treatment 362 incidence 356 pathology 357 surgery 361 symptoms and diagnoses 359 endometrial cancer 402 radiotherapy in 392 endometrial stromal tumor 365 endometriosis 60

chronic pelvic pain 71-3 diagnosis 71 treatment 72 endometrium, absence of 87 Enterobius vermicularis 297, 298 epidemiology, disease association and impact 431 in disease management 428 in disease prevention 429 measures of disease frequency 426-8 models of 426 of gynecological disease 425-33 statistics in 432-3 epirubicin 405 epithelial ovarian cancer 401 equipment required for gynecological examination 3 etoposide 406 examination 2-18 abdominal palpation 4 after female genital mutilation 280 bimanual vaginal palpation 6 breast 8 clinical 303, 370 for abdominal mass 102 for abnormal premenopausal uterine bleeding 93 for abortion 124 for acute pelvic pain 56, 57 for amenorrhea 85 for bleeding in first-trimester pregnancy 22, 23 for cervical cancer 323 for chronic pelvic pain 69-70 for dysmenorrhea 81 for fistulae 240 for lower abdominal pain in first trimester pregnancy 36 for molar pregnancy 338 for postmenopausal uterine bleeding 97 for recurrent miscarriage 139 for subfertility 174 for urinary incontinence 288 for uterine fibroids 214 in children and adolescents 295 inspection of vulva 4 laboratory investigations 16 recto-vaginal 8 using speculum 4 excision, female genital mutilation 276 extravasation 400 fascial damage and fistula 236 fecal incontinence 293 female genital mutilation 275-84 and HIV transmission 280 clitoris restoration after 281-3 cultural issues 276

gynecological care after 279 health complications 277-80 history and practice 275 labial fusion after 296 obstructed labor after 278 prevalence 275 prevention 281 types of 276, 277 female sterilization 158-61 fertility. preservation in ovarian cancer 351 subfertility 170-80 fertility awareness methods 152 fibroadenoma 308, 309-10 fibrocystic changes in breast 310 fibroids 212-28 choice of therapy 216 definition 212 examinations for 215-16 expectant management 218 future treatments 227 history taking for 214 locations 213 medical treatment 218 pregnancy-related complications of treatment 217 recurrent miscarriage and 137 risk factors for 213 surgery for 219-26 symptoms 213 treatment 217 FIGO staging, of cervical cancer 331 of endometrial adenocarcinoma 360 of ovarian cancer 345 of uterine sarcomas 364 fistula 233-74 abdominal repair 257 after cesarean section 258 after female genital mutilation and obstructed labor 278 anesthetic for 243 background 233 cf postpartum stress 241 classification of 237-9 community attitudes 271 conservative management 241 early repair 242 easy repair step-by-step 249-57 examination for 240 failed repair 259, 269 fecal incontinence and 294 Goh's classification 273 history taking 239 inoperable 259 obstructed labor injury complex 235 - 7postoperative care 265-70 preoperative preparations 242 prevalence 233 prevention 272 prognosis 239 recto-vaginal 263-5

examination difficulties after 280

defibulation 280

definition 275

social consequences 236 surgeon experience and 246 treatment 241-71 ureteric 236, 241, 260 vault 257 vesico-vaginal, cause and nature 235 Waaldijk's system 273 flow chart, for a gynecology unit 437 for abnormal premenopausal uterine bleeding 94 for amenorrhea diagnosis 86, 87 for differential diagnosis of breast disease 306 for ectopic pregnancy diagnosis 119 for first-trimester bleeding 34 for lower abdominal pain 186 for management of chronic pelvic pain 67 for postmenopausal uterine bleeding 98 for subfertility treatment 178 for vaginal discharge 185 5-fluorouracil 404 foreign bodies 236 vulvovaginitis in children and adolescents 297 friable cervix 31 fusion of labia 296 galactorrhea 307 gastroenteritis 63 genetic factors in recurrent miscarriage 136 genital herpes 192 genital tumors in children and adolescents 301 genital ulcer disease 190 genital wart 192 genitourinary side-effects of chemotherapy 399 germ cell ovarian cancer 351, 352 germ cell tumors 301 chemotherapy 402 gestational trophoblastic disease 29, 337-43 chemotherapy 403 radiotherapy 393 ginger use in hyperemesis gravidarum 46 gishiri cuts 276 Goh's classification of fistula 273 gonadal dysgenesis 86 gonadotropin-releasing hormone analogs for fibroids 227 gonorrhea 30, 189 granuloma inguinale 192 granulosa cell ovarian cancer 351 granulosa cell tumors 301

Haemophilus ducreyi 192 health promotion 471–5 healthcare,

analysis of patient flow 442 at community level 467 at hospital level 467 building blocks of 465 clinical audit and quality improvement 453 components of system 436 definition of quality 435 integration and linkages 469 link between sexually transmitted infection/HIV and service 195 management of drugs 456-64 measurements of performance 445 organization 465, 466 overcoming barriers to use 468 patient interviews 447 performance gaps 453 project planning and budgeting 473 promotion of health 471 quality improvement circle 441 quality improvement in hospitals 440 referral and district level hospitals 467 staff interviews 447 tertiary level hospitals 467 vertical programs 469 Helicobacter pylori in hyperemesis gravidarum 41 hematocolpos 279, 280 hematometra 107, 279, 280 hemoglobinopathies 63 hemorrhagic cystitis 399 hemorrhoids 32 herbal remedies for chronic pelvic pain 77 herpes, genital 192 history taking 1-2 for abdominal mass 102 for abnormal premenopausal uterine bleeding 92 for abortion 124 for acute pelvic pain 54 for amenorrhea 84 for breast cancer 370 for breast disease 303 for chronic pelvic pain 66-9 for dysmenorrhea 80 for fistulae 239 for lower abdominal pain in first trimester pregnancy 36 for pelvic organ prolapse 290 for postmenopausal uterine bleeding 96 for recurrent miscarriage 139 for sexually transmitted infection 193 for subfertility 173 for urinary incontinence 287 for uterine fibroids 214 in children and adolescents 295 HIV, see human immunodeficiency virus

analysis of patient flow through 442 healthcare organization in 467 main service areas 443 quality improvement in 440 referral and district level 467 tertiary level 468 tracking of patient flow 444 hospital palliative care model 421 hospital palliative care team 420 HPV, see human papillomavirus human immunodeficiency virus (HIV) 200-10 cancers and 205 cervical cancer 204, 326 contraception and 168 cryptococcal meningitis in 415 description 200 gynecological problems 201 immune reconstitution inflammatory syndrome 414 magnitude of problem 201 menstrual disorders 205 miscarriage 206 palliative care in 414 pelvic inflammatory disease and 203 prevention and sexually transmitted infection treatment 194 reproductive health 206 reproductive health services and 209 sero-discordant couples 208 sexually transmitted infection 203 transmission and female genital mutilation 280 tuberculosis in 204 WHO clinical staging 202 human papillomavirus (HPV), cancers and 205 links to cervical cancer 319 hydatidiform mole 29 see also gestational trophoblastic disease hydrosalpinx 179 hymen, imperforate 87 speculum examination 4 hyperemesis gravidarum 40-50 clinical consequences 47 consequences of 43 diagnosis 42 dietary guidelines 47 etiology 40 Helicobacter pylori and 41 immunological factors 41 management 44 medical therapies 44-7 prognosis 49 risk factors 41 hyperprolactinemia 89, 179 hypersensitivity to chemotherapy 400 hyponatremia in hyperemesis gravidarum 48 hysterectomy,

hospital,

abdominal 222-6 anatomy for 219 for cervical cancer 332 surgical technique for 223-6 vaginal. for pelvic organ prolapse 292 procedure 231 hysterosalpingography 18, 176, 216 hysteroscopy 216 for fibroids 227 immune reconstitution inflammatory syndrome 414 immunological factors in hyperemesis gravidarum 41 imperforate hymen 87 Implanon<sup>®</sup> 154 implant contraception 154 incarcerated uterus 38 incompetent cervix 136 diagnosis 142 management 142 incomplete miscarriage 27 incontinence, after fistula repair 259 fecal 293 fistula and 237 pelvic organ prolapse and 285-94 urinary 286-90 infection after female genital mutilation 277 breast 307 cervical cancer identification and 326 infected abortion 28 post-abortion 193 recurrent miscarriage and 138 reproductive tract 183-98 sexually transmitted 183-98 subfertility and 176 urinary tract 61 vaginal bleeding and 30-1 vulvovaginitis in children and adolescents 297 infertility. after female genital mutilation 278 fistula and 237 investigations for 71 infibulation 276 reversal 280 inflammatory breast cancer 387 interstitial pregnancy 120 interval cytoreductive surgery in advanced ovarian cancer 350 intra-cervical fistula 239 intrauterine adhesions 137 intrauterine device. copper 155 ectopic pregnancy and 116 emergency contraception 166 insertion 155-8 levonorgestrel 158

intravenous pyelography 18, 216

irritable bowel syndrome 73–5 diagnosis 74 treatment 74 isosfamide 405

Jadelle® 154 juxta-cervical fistula 239, 248 juxta-urethral fistula 237, 248

Kaposi sarcoma 205 kidney, renal damage and fistula 236

labia, fusion of 296 labor, obstructed and fistula 235 laboratory investigations 16 for abdominal mass 104 for abnormal premenopausal uterine bleeding 93 for acute pelvic pain 57 for bleeding in first-trimester pregnancy 24 for breast 304, 306 for breast cancer 374 for chronic pelvic pain 70 for dysmenorrhea 82 for fistula 241 for molar pregnancy 338 for postmenopausal uterine bleeding 97 for recurrent miscarriage 139 for uterine fibroids 216 of endometrial adenocarcinoma presurgery 360 lactation, use of drugs in 460, 461 lactation amenorrhea method 149 laparoscopy, for acute pelvic pain 58 for fibroids 228 late pubertal development 296 leiomyosarcoma 364 levator plasty 293 levonorgestrel, dysfunctional abnormal uterine bleeding 230 emergency contraception 166 intrauterine device 158 lichen sclerosus 296, 298 lipoma 309 long-acting reversible contraceptives 152loop electrosurgical excision procedure 328-9 lower abdominal pain, flow chart 186 luteal phase defect 138 lymph node, palpation 8 lymph nodes, anatomy of 383 lymphadenectomy 383, 385 lymphogranuloma venereum 192 Lynch syndrome, ovarian cancer risks and 345

McCune–Albright syndrome 301 macromastia 312

magnetic resonance imaging, for breast 304 for breast cancer 376 malaria 64 male breast cancer 387 male sterilization 161 Mallory Weiss tears in hyperemesis gravidarum 48 malnutrition and fistula 237 mammary Paget disease 369, 388 mammography 304, 374 management of drugs 456-64 Manchester procedure 292 manual vacuum aspiration 130-2 mastectomy 383, 384 mastitis non-puerperalis 307 mastitis puerperalis 306 mastodynia 307 Mayer-Rokitansky-Küster-Hauser syndrome 87 measures of disease frequency in epidemiology 426-8 menarche, normal development 296 meningitis, cryptococcal 415 menorrhagia around menarche 300 menstruation, acute severe menstrual blood loss 230 cervical cancer identification and 326 difficulties after female genital mutilation 279 disorders and HIV 205 physiology of 171 mental health and fistula 236 methotrexate 404 use in molar pregnancy 341 microbicides 197 micromastia 312 mid-vaginal fistula 237, 247 mifepristone for emergency contraception 167 milk duct papilloma 311 minimal invasive breast biopsy 305 miscarriage 25-8 definition 26 definition and prevalence 134 etiology 26 HIV and 206 incomplete 27 minimum care/treatment 37 missed 28 recurrent 134-44 management of 140 pregnancy after 138 risk factors for 135 unexplained 141 signs and symptoms 36 spontaneous 27, 123-4 management 130 threatened 28 missed abortion 130 Mittelschmerz 60

## GYNECOLOGY FOR LESS-RESOURCED LOCATIONS

molar pregnancy 337-43 chemotherapies for 341 choriocarcinoma 340 examination and investigation 338 high-risk disease 339 incidence 337 persistent 339 prognostic score index 340 radiotherapy in 393 signs and symptoms 337 treatment 338 morphine, oral 411 mortality from infected abortion 28 mucositis 400 Müllerian anomalies 136, 137 muscle damage and fistula 236 musculoskeletal pain 63 myomectomy, adverse events 220 anatomy for 219 definition 220 surgical technique for 221 vaginal 222 Naegele's rule 22 nausea, chemotherapy and 398 hyperemesis gravidarum 40-50 Neisseria gonorrhoeae 189 nephrolithiasis 62 nerve damage and fistula 236 neurinoma, clitoral 279 neurotoxicity 399 nipple discharge 305, 307 non-Hodgkin lymphoma 205 breast 369 non-steroidal anti-inflammatory drugs (NSAIDs), for dysfunctional abnormal uterine bleeding 230 for dysmenorrhea 82 for endometriosis 72 norethisterone enanthate 161 obstructed labor, after female genital mutilation 278 obstructed labor injury complex 235-7 obstruction, acute intestinal 62 ophthalmia neonatorum 190, 197 oral contraception 163-5 ovarian cancer 344-52 adjuvant treatment 348 advanced stage 349 chemotherapy landmark studies 348, 349

classification 346

epithelial 347-51

FIGO staging 345

germ cell 351, 352

granulosa cell 351

chemotherapy 401

diagnosis 346

incidence 344 management of epithelial 347-51 pain in 412 palliative care in 412 prevention 346 radiotherapy in 393 risk factors 345 survival rates 344 ultrasound features of 346 ovarian cyst, minimum care/treatment 38 signs and symptoms 36 ovarian cysts, simple 109 ovarian tumors benign 106, 108 borderline 108 common benign tumors 106 differential diagnosis of malignant and benign 105 ovary, complications and pain 60 polycystic ovary syndrome 89 premature ovarian failure 86 ovulation pain 60 paclitaxel 404

pain, acute pelvic 53-64 analgesic ladder 409, 410 assessment by visual analog scale 411 bladder pain syndrome 75-6 chronic pelvic 66-77 description 408 in breast cancer 413 in cervical cancer 412 in ovarian cancer 412 lower abdominal, flow chart for 186 lower abdominal in first trimester pregnancy 35-9 musculoskeletal 63 neuropathic 411 on ovulation 60 psychological aspects of management 76 round ligament 39 somatic and neuropathic pathways 409treatment in low-resource setting 409 palliative care 407-21 analgesic ladder 409, 410 ascites drainage 413 collaboration between hospital and community 420 for breast cancer 387 for cervical cancer 333 general principles 418 hospital services 417-21 in community 417-21 in HIV/AIDS 414 oral morphine 411 principles of 408

psychological issues 416 social issues 416 vs invasive therapy 407 WHO definition 408 palpation abdominal 4 bimanual vaginal 6 breast 9 lymph node 8 papilloma of milk duct 311 paracervical block 127 partner notification 196 patient flow 442 tracking 444 patient interviews 447 peau d'orange 303 pelvic examination 57 pelvic floor, pathophysiology of dysfunction 286 pelvic floor muscle dysfunction 76 pelvic inflammatory disease 58, 189-90 cervical cancer identification and 326 HIV and 203 non-patent tubes after 172 tubo-ovarian masses in 109 pelvic organ prolapse, and incontinence 285-94 examples of 290 history taking for 290 non-surgical treatment 291 POP-Q schedule 291 simplified POP-Q 291 surgical treatment 292-3 pelvic pain, acute. algorithm 53 causes of 54, 55 classification 53 diagnosis and treatment 58-64 symptoms associated with 56 chronic 66-77 adhesions 76 after female genital mutilation 278 bladder pain syndrome 75-6 dysmenorrhea 79-83 endometriosis 71-3 history taking 66-9 irritable bowel syndrome 73-5 management algorithm 67 physical examination 69 unexplained 76 performance, measurements 445 persistent gestational trophoblastic disease, surgery for 342 persistent gestational trophoblastic neoplasm 339 personal data for history taking 1 pessary for pelvic organ prolapse 291 pharaonic circumcision 276 phyllodes tumor 311, 313, 369, 388 physiology of female cycle 171

pituitary gland disorders and amenorrhea 89 Poland's syndrome 312 polycystic ovary syndrome 89, 177 polyploidy 136 polyps, cervical 31 endometrial 140 post-coital test 174 posterior wall speculum 4, 5 postmenopausal uterine bleeding 96-9 pre-pubertal vaginal bleeding 300 precocious puberty 300 pregnancy, acute pelvic pain in 53 bleeding in first-trimester 21-33, 34 breast cancer in 387 cervical cancer treatment in 326 checklist for diagnosis 151 ectopic 59 115-22 HIV and 207-9 hyperemesis gravidarum 40-50 interstitial 120 lower abdominal pain in first trimester 35-9 management after recurrent miscarriage 141 molar 29-30, 29, 337-43 twin 339 use of drugs in 460 premature ovarian failure 86 premenopausal abnormal uterine bleeding 91-5 prescribing, good prescribing practice 457 in lactation 462 in pregnancy 461 prevention and epidemiology 429 primary amenorrhea 84 primary dysmenorrhea 80 privacy, required for gynecological examination 3 progesterone deficiency 138, 140 progestogen for dysfunctional abnormal uterine bleeding 230 progestogen-only pills 165 promotion of health 471 psychological aspects of pain management 76 psychological issues in palliative care 416 puberty, delayed 89 early pubertal development 296 late pubertal development 296 pyelography, intravenous 18 pyelonephritis 62 pyometra 107 pyomyositis 63

quality,

audits and improvements 435-54

clinical audit as tool for improvement 452 definition 435 dimensions of 438 factors enabling improvement 437 obstacles to improvement 439 patient interviews 447 staff interviews 447 quality improvement circle 441 quality-adjusted life years 430

radiotherapy, combined chemo-radiation 392 for breast cancer 387 for cervical cancer 333 for endometrial adenocarcinoma 362 for metastatic molar disease 343 in breast cancer 393 in cervical cancer 392 in endometrial cancer 392 in gestational trophoblastic disease 393 in low-resource setting 391-5 in ovarian cancer 393 in vulval cancer 393 side-effects 394 recto-vaginal fistula 235 rectocele 290 recto-vaginal examination 8 recurrent miscarriage 134-44 reproductive health and HIV 206, 209 reproductive tract infections 183-98 risk of malignancy index 105

sacropexy 293 sacrospinous fixation 293 safety, safe handling of cytotoxic drugs 462 - 4saline contrast hysterosonography 14, 216 sarcoma breast 369, 388 undifferentiated 366 uterine 363-6 schistosomiasis. subfertility and 176 urogenital 30 screening, for breast cancer 389 for cervical cancer 323, 324 for endometrial adenocarcinoma 358 for sexually transmitted infection 195 for syphilis 196 ovarian cancer 346 secondary amenorrhea 85 secondary dysmenorrhea 80 selective prostaglandin receptor modulators 227 self-assessment 451 septic abortion 197

sex cord stromal tumors 402 sexual abuse in children and adolescents 299 trauma after 301 sexual development stages of Tanner 295 sexually transmitted infections (STI), 183-98 common 183, 184 complications 184 management 195 management and treatment 184 prevention 196 transmission and HIV 203 Sheehan's syndrome 89 sickle-cell disease 63 side-effects adverse drug reactions 458 chemotherapy 396-401 depot medroxyprogesterone acetate 162 drug interactions 458, 459-60 genitourinary of chemotherapy 399 norethisterone enanthate 163 of radiotherapy 394 oral contraception 164 tubal occlusion 161 Sino-implant® 154 social issues in palliative care 416 speculum, for chronic pelvic pain examination 69 insertion technique 5 use of 4 use of nasal in children and adolescents 295, 296 sperm quality 173, 175 spinal anesthesia 243, 245 spiritual care 417 spontaneous miscarriage 27, 130 staff interviews 447 statistics 432 sterilization, female 158 sub-Saharan Africa case study of cervical cancer 320 subchorionic bleeding 32 subfertility 170-80 causes of 172-3 definition 170 examinations for 174 history taking for 173 incidence 170 male 179 prevention 180 treatment 177 sunna circumcision 276 surgery. anal sphincter injury repair 260-3 breast-conserving surgery 385 challenges in low-resource setting 347 clitoral restoration after female genital mutilation 281-3

cold knife conization 329-30 cryotherapy 327-8 debulking of ovarian cancer 347 defibulation after female genital mutilation 280 easy fistula repair step-by-step 249-57 failed fistula repair 269 for breast cancer 378, 382 for dysfunctional abnormal uterine bleeding 230 for endometrial adenocarcinoma 361 for endometriosis 73 for fibroadenoma of breast 309-10 for fibroids 219-26 for fistulae 242-71 for pelvic organ prolapse 292-3 for persistent gestational trophoblastic disease 342 for phyllodes tumor 313 for recto-vaginal fistula 263-5 for urinary incontinence 289 interval cytoreductive in advanced ovarian cancer 350 landmark studies in ovarian cancer debulking 350 loop electrosurgical excision procedure 327-8 postoperative care after fistula 265-70 surgeon experience and 246 technique for abdominal hysterectomy 223-6 technique for myomectomy 221 termination of pregnancy 126 vaginal hysterectomy 231 syphilis 190 breast disease 307 congenital 191 screening 196 teratogenicity 461 teratoma 301 termination of pregnancy, in hyperemesis gravidarum 49 techniques 125-7 B-thalassemia 63 threadworm 297, 298 thrombophilia and recurrent miscarriage 138, 140 thyroid disease and recurrent miscarriage 137 traditional healer, fistula treatment by 236 traditional healers, chronic pelvic pain 77 trauma. in children and adolescents 301

vaginal and perigenital lacerations 32

Trichomonas vaginalis 189 trichomoniasis 189 tubal occlusion. incisions for 162 side-effects 161 technique 159 tuberculosis, HIV and 204 of breast 307, 308 urogenital 31 tubo-ovarian masses 109 Turner syndrome 86 typhoid perforation 62 ulipristil acetate, emergency contraception 166 ultrasound. breast 14 for abdominal mass 105 for acute pelvic pain 57 for bleeding in first-trimester pregnancy 24 for breast cancer 374 for breast examination 304 for chronic pelvic pain 70 for dysmenorrhea 81 for uterine fibroids 215 in subfertility 175 introduction to 10-16 of endometrial adenocarcinoma 359 ovarian cancer 346 saline contrast hysterosonography 14 transabdominal 11 transvaginal 11 unexplained chronic pelvic pain 76 ureteric fistula 236, 241, 260 urinary incontinence 286-90 fistula and 237 history taking for 287 pathophysiology of 287 treatments 289 types of 286 urinary retention, acute 36 after female genital mutilation 277 urinary tract infection 31, 61 after female genital mutilation 278 urine dermatitis 236 urogenital schistosomiasis 30 urogenital tuberculosis 31 uterine bleeding, abnormal premenopausal 91-5 postmenopausal 96-9 uterine carcinosarcoma, chemotherapy 402 uterine fibroids 212-8 uterine sarcoma 363-6 uterus. absence of 87

cancers of 356-66 congenital uterine malformations 136 examination by bimanual vaginal palpation 7 incarcerated 38 rupture and vault fistula 257 vaccines, against HPV 321 vacuum aspiration, manual 130-2 vagina, normal flora 186 vaginal bleeding, prepubertal 300 vaginal examination for chronic pelvic pain 69 vaginal hysterectomy procedure 231 vaginal myomectomy 222 vaginitis 187 vaginosis bacterial 187 vasectomy 161 vault fistula 257 venous thromboembolism, in hyperemesis gravidarum 49 vesico-vaginal fistula, cause and nature 235 vinblastine 405 vincristine 405 visual analog scale, for pain assessment 411 vitamin deficiency, in hyperemesis gravidarum 47 vomiting, chemotherapy and 398 hyperemesis gravidarum 40-50 vulva, inspection of 4 vulval cancer, radiotherapy in 393 vulvovaginal candidiasis 188 vulvovaginitis, in children and adolescents 296 Waaldijk's system of fistula classification 273 wart, genital 192 warts, genital, in children and adolescents 299 Wernicke's encephalopathy 47 wet mount 5 WHO classification. of endometrial adenocarcinoma 358 X-ray, abdominal for acute pelvic pain 58 chest 375

young patients, gynecology in 295-301

Zingiber officinale 46