

Index

- abdominal trachelectomy 346
- ablation,
 - for cervical intraepithelial neoplasia 349
 - for menorrhagia 360
- ACE inhibitors, *see* angiotensin converting enzyme inhibitors
- achondroplasia 441
- acitretin 336
- activated prothrombin C
 - resistance and recurrent pregnancy loss 234
- acute respiratory distress syndrome in hypothyroidism 80
- acute respiratory infections 211–12
- adenomyosis 360
- adoption,
 - by HIV-positive couples 201
 - in tocophobia 282
- adrenoreceptor antagonist
 - use in pregnancy 163
- adult polycystic kidney disease 106
 - hereditary considerations 384
- age,
 - number of follicles and 6
 - parental age and ethical issues 14
 - paternal 441
 - see also maternal age
- AIDS incidence 208
- Alagille syndrome 384
- albendazole 326
- albuminuria 64
- alcohol,
 - exposure of fetus to 441
 - fetal alcohol syndrome 26, 198, 441
 - intake in chronic hypertension 160
 - preconception 198
 - recurrent pregnancy loss 236
 - risk of stroke 139
 - use 25, 26
- algorithm,
 - for asthma treatment 51
 - for microprolactinoma treatment 78, 79
- alloimmune antiplatelet antibodies 244
- alloimmune disorders and recurrent pregnancy loss 231
- alloimmune factors and recurrent pregnancy loss 232
- alpha blockers in pregnancy 164
- alpha-1 antitrypsin deficiency 384
- alpha-glucosidase inhibitors 61
- Alport's syndrome 384
- amantadine 137
- amenorrhea,
 - in chronic kidney disease 381
 - in chronic liver disease 381
- amikacin 189
- aminoglycosides 327
- aminophylline 336
- 5-aminosalicylic acid (mesalazine/mesalamine) 126
- amiodarone 331
- amphetamine exposure
 - of fetus 441
- amyloidosis 325
- anal incontinence,
 - delivery method 272
 - endosonography 271
 - imaging of sphincter 270
 - investigation of 269
 - management of subsequent pregnancies 271
 - maternal age and 275
 - medicolegal problems 276
 - preconception counseling in 271
 - prediction of 275
 - pudendal nerve function 271
 - questionnaire on 268
 - risk of 274
- anal sphincter injury 267–76
- analgesics 324
 - opioid 325
- androgen use before and during pregnancy 333
- anemia,
 - in hypothyroidism 80
 - in transplant patients 393
 - in malaria 210
 - in menorrhagia 360
 - pernicious 310
- anesthesia 323–4
 - obesity and complications 425
- aneuploidy in recurrent pregnancy loss 230
- aneurysm,
 - arteriovenous malformation 145
 - risk of treatment 145
 - ruptured, management 144
 - unruptured 145–6
- angiotensin converting enzyme (ACE) inhibitors 22, 324, 332
 - exposure of fetus to 442
 - in chronic kidney disease 102
 - in diabetes 62
 - in transplant patients 389
 - use in pregnancy 62, 166
 - use in systemic lupus erythematosus 88
- angiotensin II receptor antagonists 102
 - in transplant patients 389
 - use in pregnancy 166
- anorectal manometry 269
- anovulation and exercise 26
- antabuse 324
- antenatal perineal massage 273
- antiamebics 328
- antiangina drugs 331
- antianxiolytics 335
- antiarrhythmic drugs 331

- antibacterials 327
- anticholinergics in asthma 56
- anticoagulants for thrombophilia
 - during pregnancy 115
- anticonvulsants 22, 326
 - exposure of fetus to 442
- antidepressants 25, 150
 - tricyclic 335
- antidiabetics 334
- antiepileptics 326
 - balance of dose and seizure frequency 149
 - cognitive function in children and 148
 - effect on fertility 147
 - effect on pregnancy outcome 150
 - teratogenic effects and type of drug 151
- antifibrinolytics 361
- antifilarials 326
- antifungals 328
- antihelminthics 326
- antihypertensives,
 - embryo safe 157–67
 - postnatal hypertension 167
 - types 163–6
 - use in pregnancy 162
- antimalarials 328
- antinuclear antibodies, recurrent pregnancy loss 232
- antiphospholipid antibodies,
 - choice of who to test/screen for thrombophilia 112
- antiphospholipid syndrome 90–3
 - effect of pregnancy on 91
 - effect on pregnancy 91
 - fetal death 242
 - HELLP syndrome in 91
 - management for pregnancy 93
 - preconceptional counseling in 91
 - recurrent pregnancy loss 231
- antiprotozoals 328
- antipsychotics 335
- antipyretics 324
- antiretrovirals,
 - during pregnancy 200
 - preconceptional use 208
- antishistosomals 326
- antithrombin deficiency 112
- antithrombin III deficiency 234
- antithrombotics 332
- antithyroid antibodies 231
- antitrematode drugs 326
- antituberculous drugs 329
- anxiety,
 - effect on pregnancy and labor 282
 - normal vs phobic levels 283
 - treatment during pregnancy 335
- aorta,
 - coarctation of 35
 - dilatation 32
 - disease 40
 - insufficiency 38
 - stenosis, supraventricular 38
 - valve lesions 38
 - valve stenosis 32
- Apert's syndrome 441
- appetite suppressants 429
- arrhythmia 40
- arrhythmogenic right ventricular dysplasia 452
- arterial thromboembolism 91
- arteriovenous malformation, unruptured 145
- aspirin 324
 - for pre-eclampsia prevention 161
 - after transplant 390
 - low-dose in antiphospholipid syndrome 91
 - use in stroke 141
- assisted reproduction 384
 - see also IVF
- asthma 47–57
 - beta blockers as triggers 164
 - co-morbidities 51, 52
 - diagnosis 47–8
 - drugs as triggers 53
 - effect of pregnancy on 48–50
 - effect on pregnancy of 50
 - emotional stress and 54
 - environmental allergens 53
 - epidemiology 48
 - exercise-induced 53
 - FDA recommendations for asthma therapy 56
 - infections and 52
 - management during pregnancy 50–2
 - management of labor and delivery in 52
 - medication for and pregnancy 54–7
 - occupational triggers 53
 - pathophysiology 49
 - preconceptional interventions 22
 - prevalence, epidemiology and pathophysiology 47
 - treatment algorithm 51
 - triggers 48, 52, 53
- asymptomatic bacteriuria 215
- atenolol 164
- atherosclerosis 139
- atresia, vaginal 355
- atrial fibrillation 40
- atrial septal defect 34
- atypical endometrial hyperplasia 403
- autoantibody screen after fetal death 244
- autoimmune disorders 23, 85–94
 - in pregnant transplant patients 390
 - recurrent pregnancy loss 231
- autoimmune thyroiditis 80
- autosomal dominant diseases 450
- autosomal dominant inheritance 443
- autosomal dominant polycystic kidney disease 450
- autosomal recessive inheritance 444
- azathioprine 87, 330, 385, 387
- baby blues 171, 172
- bacillus Calmette–Guérin (BCG) 338
 - avoidance in HIV-positive children 209
 - preconceptional use 186, 209
- baclofen 136
- bacterial vaginosis 257
- bacteriuria,
 - asymptomatic 215
 - in transplant patients 391
- bariatric surgery 411–16, 430–1
 - bone loss after 412
 - complications during pregnancy 415
 - contraception after 412
 - fertility after 412
 - fetal undernutrition after 430
 - gastric band revision and pregnancy 413
 - malabsorption and contraception failure after 412
 - nutritional supplements after 415
 - optimizing nutrition after 414
 - preoperative counseling for pregnancy 412
 - timing of conception after 412
- Barker hypothesis 457
- Bartholin's gland benign tumors 358
- BCG, *see* bacillus Calmette–Guérin

- Beckwith-Weidemann syndrome 445
- Behcet's disease 325
- benign conditions of genital tract 355–67
- benign epithelial ovarian tumors 405
- benign ovarian cysts 365–6
- benign pelvic cysts 364–5
- benign tumors of Bartholin's gland 358
- benzodiazepines 137, 335
- beta2 agonists in asthma 54
- beta blockers in pregnancy 164
- beta-adrenergic antagonists 331
- betalactams 327
- betamethasone 329
- bicornuate uterus 356
- biochemical pregnancy loss 237
- biopanic 3–15
- bipolar affective disorder 25
- bipolar depression, postpartum psychosis in 174
- risk of admission after delivery 175
- risk of inheritance 176
- birth asphyxia and maternal age 11
- birth reflection service for tocophobia 284
- birth weight, adult onset disease and 457–62
- link to heart disease 457
- birthing position and perineal tears 273
- bisphosphonates 394
- bladder spasm in multiple sclerosis 137
- blood pressure, *see* hypertension, hypotension
- body mass index (BMI), cultural perceptions of obesity 197–8
- maternal mortality and 198
- preconceptional review 24
- recommendations for conception 427
- risk of stroke and high 139
- trends with maternal age 8
- Bowen's disease 358
- bradycardia, fetal 166
- breast cancer 369–78
- adjuvant therapy and pregnancy 372
- conception during treatment 373
- fertility after diagnosis 373
- fertility preservation strategies and treatment 376
- incidence 369
- management of pregnancy in 377
- menopause after chemotherapy 374
- pregnancy after 369
- pregnancy during treatment 373
- prognosis and pregnancy 370
- survival and pregnancy 371
- timing of conception after 370
- breastfeeding, after transplantation 387
- anticonvulsants and 326
- azathioprine and 387
- diarrheal disease and 212
- in diabetes 66
- in HIV-positive women 202
- in multiple sclerosis 138
- psychiatric treatment and 178
- sulfasalazine use 325
- tuberculosis treatment and 190
- bromocriptine use in prolactinomas 76
- Brugada syndrome 453
- bupropion 26
- cabergoline 76
- caffeine 126
- recurrent pregnancy loss 236
- calcineurin inhibitor 385
- calcium, pre-eclampsia protection and supplements 63
- calcium channel blockers 165
- cancer, breast 369–78
- cervical 345–51
- fertility preservation strategies and treatment 376
- gynecological 399–409
- increase with maternal age 12
- radical trachelectomy 346
- capreomycin 189
- carbamazepine 151, 326
- carbimazole 335
- exposure of fetus to 442
- cardiac defects and folate deficiency 299
- cardiac disease, *see* heart disease
- cardiac malformations and obesity 426
- cardiomyopathy, dilated 41, 452
- hypertrophic 41, 452
- in diabetes 69
- cardiovascular disease, in diabetes 65
- increase with maternal age 9
- maternal mortality 13
- medication during pregnancy 331
- Caroli syndrome 384
- CDC guidelines for tuberculosis treatment 190
- CDC recommendations for pertussis vaccination 212
- celiac disease 24
- centrally acting drugs 163
- cereals, folic acid fortification of 294–5
- cerebral infarction, *see* stroke
- cerebral venous thrombosis, management 146
- presentation 145
- cerebrospinal fluid assessment during pregnancy 134
- cervical cancer 399–401
- conization 349
- incidence 399
- previous surgery for 345–51
- trachelectomy 346
- treatment and pregnancy outcome 399
- ultraconservative surgery 351
- cervical conization 349–51, 400
- mode of delivery after 350
- pregnancy outcome after 350
- previous surgery for 345–51
- cervical incompetence 215, 401
- after radical trachelectomy 348
- recurrent pregnancy loss and 230
- cervical intraepithelial neoplasia 345, 349, 359, 399
- cervical stenosis 401
- cesarean section, after fibroid surgery 361
- after radical trachelectomy 349
- in asthma 50
- in diabetes 68
- in HIV-positive women 202
- in mothers with anal incontinence 272
- in obesity 411
- in rheumatoid arthritis 89
- in severe hip arthritis 89
- in tocophobia 283
- increase with maternal age 11, 12
- chemotherapy 324
- for ovarian cancer 406
- in germ cell ovarian tumors 407
- menopause after 374
- childlessness, voluntary 124

PRECONCEPTIONAL MEDICINE

- Chlamydia*,
 - antibiotic treatment 254
 - as cause of pelvic pain 364
 - genital warts and 357
 - pelvic inflammatory disease 252
 - recurrent pregnancy loss 236
- Chlamydia trachomatis* 218, 252–5
- chlorambucil 330
- chloramphenicol 327
- chloroquine 210, 329
- cholera vaccination 212
- cholestyramine 89
- chorioamnionitis 214
 - after radical trachelectomy 347
 - listeria and 214
- chromosomal abnormalities,
 - maternal age 4, 8, 21, 441
 - paternal age 441
 - recurrent pregnancy loss 230
- chromosomal tests after
 - fetal death 244
- chromosome inversions 447
- chromosome markers 448
- chromosome translocations 446
- chronic hypertension,
 - see hypertension
- chronic kidney disease 99–107
 - amenorrhea in 381
 - deterioration during pregnancy 103, 104
 - level of renal impairment and outcome 103, 104
 - medication adjustments in 101
 - new definition 99
 - preconceptional counseling for 99
 - pregnancy outcomes 102
 - stages of 100
 - timing of conception in 100
- Cincinnati Prehospital Stroke Scale 139, 140
- ciprofloxacin 327
- cleft palate 330
- clonidine use in pregnancy 163
- Clostridium tetani* 213
- co-morbidity,
 - in transplant patients 388–90
 - increase with maternal age 13
 - of chronic hypertension 157
 - preconceptional interventions 21
 - risk of stroke and 139
 - with epilepsy and pregnancy outcome 150
- coagulation profile 244
- coarctation of aorta 35
- cobalamin, see vitamin B12
- cocaine 25, 139
 - epilepsy and 150
 - exposure of fetus to 441
- Coffin-Lowry syndrome 445
- cognitive function and anti-epileptic drugs 148
- colchicine 325
- computed tomography
 - during pregnancy 134
- conception,
 - in HIV-positive couples 200, 201
 - psychiatric medication and 177
 - timing after breast cancer 370
 - timing in chronic kidney disease 100
- congenital abnormalities 25
 - anticonvulsants 326
 - antiepileptics 150, 326
 - cyclophosphamide 325, 330
 - opioid analgesics 325
 - systemic lupus erythematosus treatments 88
 - VACTERL and hormonal contraception 334
 - warfarin 333
- congenital adrenal hyperplasia 445
- congenital heart block in systemic lupus erythematosus 87
- congenital heart disease 34–40
- congenital hypothyroidism 329
- congenital infections 207, 215–18
- congenital malaria 210
- congenital rubella syndrome 216
- conization 349–51, 400
- conjunctivitis (neonatal) and *Chlamydia* 218
- connective tissue disorders 85–93
- consanguinity 439
 - genetic counseling and 443
- contraception,
 - counseling before bariatric surgery 412
 - during breast cancer treatment 373
 - during weight loss 431
 - hormonal contraceptives 333
 - in HIV-positive couples 209
 - in HIV-positive men 199
 - in HIV-positive women 196
 - VACTERL and 334
- coronary artery disease 41
- corticosteroids 329–30
 - in inflammatory bowel disease 127
 - in rheumatoid arthritis 89
- in systemic lupus erythematosus 87
- inhaled, in asthma 55
- systemic, in asthma 55
- use in multiple sclerosis relapse 137
- cotrimoxazole 211
- counseling,
 - before bariatric surgery 412
 - during pregnancy for tocophobia 285
 - for heart disease 43
 - for pregnancy during breast cancer treatment 373
 - genetic 439–55
 - in inflammatory bowel disease 121
 - in women with learning difficulties 455
 - see also, preconceptional counseling
- COX-1 inhibitors in asthma 53
- cretinism 80, 302
- Crohn's disease 121
 - perianal 128
 - see also inflammatory bowel disease
 - selenium deficiency in 306
- cromoglycates in asthma 56
- cryopreservation,
 - for fertility preservation in gynecological cancers 409
 - of ovarian tissue 375
- cyclophosphamide 87, 325, 330
- cyclosporin 87, 127, 330, 385
- cystic fibrosis 25, 444
 - genetic counseling in 384
 - maternal 453
- cysts,
 - ovarian 365
 - pelvic 364
 - salpingian 366
- cytokines and recurrent pregnancy loss 232
- cytomegalovirus 215, 217
 - fetal death 243
 - in HIV infection 198
 - in transplant patients 391
- cytotoxic drugs 330
- D-transposition of great vessels 37
- danazol 333
- decreased ovarian reserve 236
- delivery,
 - after cervical conization 350
 - after radical trachelectomy 349

- arteriovenous malformation
 - and management of 145
- birthing position and
 - perineal tears 273
- in asthma 52
- in HIV-positive women 202
- in inflammatory bowel
 - disease 128
- instrumental 274
- macrosomia and trauma 68
- obesity and 425
- timing after previous
 - fetal death 247
- depression, postpartum
 - 13, 25, 171
- dermoid cysts 364, 365
- developmental origins of
 - health and disease 457–62
- diabetes 59–70, 454
 - as model for preconceptional
 - care 465
 - association with nutrition/
 - malnutrition 460
 - birth weight and 457
 - breastfeeding in 66
 - chronic hypertension and 157
 - chronic kidney disease and 100
 - complications of 63
 - control and pregnancy
 - outcome 67
 - drug use and pregnancy 62
 - effect on pregnancy 65, 67–9
 - fetal death 241
 - fetal nutritional status and 457
 - in obesity 411
 - in pregnant transplant
 - patients 390
 - inherited risk of 70
 - maternal age and increase 9
 - maternal tests after
 - fetal death 243
 - medication during
 - pregnancy 61
 - nephropathy 64
 - NICE recommendations
 - on conception 60
 - obesity and gestational 424
 - pre-eclampsia risk in 63
 - pre-existing and
 - preconceptional
 - intervention 21
 - pregnancy after renal
 - transplant 382
 - recurrent pregnancy loss 235
 - retinopathy 64
 - risk of stroke and 139
 - therapy during pregnancy 60
- diabetic ketoacidosis 66
- dialysis and pregnancy 104
- diarrheal disease 212–13
- diazepam 335
- diet,
 - adequate intake 296
 - association of diabetes with
 - nutrition/malnutrition 460
 - definitions for intake 296
 - essential maternal/fetal
 - building blocks 298–313
 - functional foods 297–8
 - healthy eating in HIV-
 - positive women 197
 - how to supplement 295
 - improvement strategies 297
 - inadequate 294
 - maternal nutrition and
 - fetal programming 458
 - Mediterranean 298
 - optimizing nutrition after
 - bariatric surgery 414
 - preprepared food and
 - nutrient value 294
 - recommended dietary
 - allowance 296
 - recommended intakes 292
 - routine supplementation
 - 291–315
 - salt restriction in chronic
 - hypertension 160
 - social isolation 298
 - supplements after bariatric
 - surgery 414–15
 - supplements for pre-
 - eclampsia prevention 161
 - tolerable upper intake
 - levels 296
 - undernutrition and
 - diarrheal disease 213
 - weight loss in chronic
 - hypertension 160
 - what to supplement 296
 - who to supplement 295
- dietary evaluation 23
- dietary supplements 24
- DiGeorge syndrome 452
- digoxin 331
- 1,25-dihydroxyvitamin D3 use for
 - recurrent pregnancy loss 234
- dilated cardiomyopathy 41, 452
- diphtheria 212
 - vaccination 338
- directly observed therapy
 - for tuberculosis 209
- diuretics in pregnancy 166
- donor insemination 209
 - in HIV-positive couples 201
- dopamine agonists,
 - effect on fetus 75
 - effect on fetus and
 - therapeutic abortion 78
 - use in macroprolactinoma 77
- Down's syndrome, *see* trisomy 21
- doxycycline 324
- drugs,
 - asthma triggers 53
 - FDA medication classification
 - for pregnancy 54
 - intravenous drug use
 - and HIV 198
 - see also* medication
- Duchenne muscular
 - dystrophy 445
- dumping syndrome 415
- deep vein thrombosis 23
- dysmenorrhea 359
- dyspareunia in endometriosis 362
- eating disorders 65
- Ebstein's anomaly 36
- eclampsia 158
 - in poorly controlled
 - epilepsy 152
 - management of stroke in 143
- ectopic pregnancy 259–64
 - early diagnosis 260
 - in bicornuate uterus 356
 - increase with maternal age 10
 - intrauterine pregnancy
 - rates after 263
 - management protocol 261
 - risk 251, 259
- education, parental 20
- Edward's syndrome 441
- egg freezing 409
- Ehlers Danlos syndrome,
 - recurrent pregnancy
 - loss 230, 451, 453
- Eisenmenger's syndrome 32
- embolism, paradoxical 146
- embryo freezing 409
- emotional stress and asthma 54
- end-stage organ disease,
 - fertility impairment in 381
 - male fertility and 386
- endometrial cancer 401–4
 - incidence 401
 - management 402
 - risk factors for 402
- endometrial hyperplasia
 - management 403
- endometriosis 257–9, 361–3
 - incidence 257
 - IVF in 363
 - menorrhagia and 360
 - pregnancy in 361

PRECONCEPTIONAL MEDICINE

- treatment 258
- endosonography for anal incontinence 271
- environment,
 - allergens in asthma 53
 - exposure 27
- epidural anesthesia in multiple sclerosis 138
- epigenetic factors in inheritance 445
- epigenetic processes in fetus 459
- epilepsy 25, 146–52
 - choice of anti-epileptic during pregnancy 151
 - effect of pregnancy on 147
 - effect of seizures during pregnancy 148–9
 - fertility in 147
 - incidence 146, 147
 - poorly controlled 152
 - preconceptional considerations 146
 - preconceptional interventions 22
 - seizure risk during 147, 148
 - type and pregnancy 149
- episiotomy 273
- epithelial ovarian tumors 405
- erectile dysfunction 128
- erythrocytosis in transplant patients 393
- ethambutol 190, 329
- ethics for older parents 14
- ethnicity 25
 - birth weight and 458
 - genetic syndromes and 444
 - inflammatory bowel disease 121
 - perceptions of obesity and 198
 - risk of stroke and 139
 - uterine fibroids 360
- exercise 26
 - asthma triggers 53
 - hormone levels and 26
 - role in weight loss 160, 429
 - extensively drug-resistant tuberculosis 183
- factor V Leiden,
 - choice of who to test/screen for thrombophilia 112
 - incidence 111
 - recurrent pregnancy loss 234
- factor VIII deficiency, recurrent pregnancy loss 230
- factor VIIIc elevated 112
- familial Mediterranean fever 325
- family history and genetic counseling 439
- farm animal hazards 27
- FDA medication classification for pregnancy 54
- FDA pregnancy category definitions for medications 322
- FDA recommendations for asthma therapy 56
- fear management in tocophobia 281–7
- fecundity, definition 124
- fertility,
 - advanced maternal age 4
 - after bariatric surgery 412
 - after breast cancer 373
 - after endometrial cancer treatment 403
 - after radical trachelectomy 347
 - after transplantation 381
 - after uterine sparing cervical cancer surgery 345
 - anti-epileptic drugs and 147
 - change with maternal age 5
 - decline 5
 - definition 124
 - dopamine agonists 76
 - genetic causes of infertility 449
 - immunosuppression and male fertility 386
 - impaired in end-stage organ disease 381
 - in breast cancer survivors 369–78
 - in epilepsy 147
 - in HIV-positive men 199
 - in HIV-positive women 196
 - in pelvic inflammatory disease 251
 - in polycystic ovarian syndrome 366
 - in systemic lupus erythematosus 85
 - in uterine malformations 356
 - infectious disease and 207
 - maternal age and 3–15
 - obesity and 424
 - preservation,
 - after vulvar cancer 409
 - in benign epithelial ovarian tumors 405
 - in germ cell ovarian tumors 407
 - in granulosa cell tumors 408
 - in gynecological cancers 409
 - in invasive epithelial ovarian tumors 406
 - in ovarian cancer 405, 406
 - in Sertoli-Leydig tumors 408
 - strategies and cancer therapy 376
 - tuberculosis and 186
 - untreated hyperthyroidism and 82
- fetal abnormality,
 - in HIV-positive women 202
 - quinagolide and 76
- fetal alcohol syndrome 26, 198, 441
- fetal death,
 - causes 241
 - in systemic lupus erythematosus 86
 - management 242
 - previous 241–7
 - see also stillbirth
- fetal heart rate and tonic-clonic seizures 148
- fetal hydantoin syndrome 326
- fetal loss, *see* miscarriage; stillbirth
- fetal malpresentation 9
- fetal programming 458
- fetal undernutrition after bariatric surgery 430
- fetomaternal hemorrhage 242
- fiber 297
 - dietary requirements and deficiency effect 292
- fibrinolytic factors in recurrent pregnancy loss 234
- fibroids 360, 361
- financial issues and preconceptional care 20
- fish oils for pre-eclampsia prevention 161
- Fitz-Hugh-Curtis syndrome 253
- fluoroquinolones 209
 - use in tuberculosis 189
- fluoxetine 335
- folate 298–301
 - deficiency 299
 - dietary requirements and deficiency effect 292
 - fortification 300
 - requirements 298
 - supplementation 300
- folic acid 24, 449
 - addition to foods 294
 - anticonvulsants and 22
 - deficiency after bariatric surgery 414
 - epilepsy and 150
 - role in epigenetic processes 459
 - supplements in diabetes 62
- Fontan procedure 37

- fragile X syndrome 445
 free fetal DNA 445
 furosemide 332
- gait changes in pregnancy 134
 ganciclovir 391
 gastric banding, *see*
 bariatric surgery
 gastroparesis 64
 general anesthetics 323
 genetic counseling 230, 439–55
 after exposure to
 teratogens 441
 after kidney
 transplantation 384
 after liver transplant 384
 considerations in 448
 for consanguinity 443
 for known genetic
 syndromes 443–6
 for parental age 441
 for unexplained syndromes 446
 pedigree diagrams 440
 reasons for 439
 screening 25
 genetic disease,
 affected by pregnancy 453
 maternal health and 450
 genetic screening 25
 genetic syndromes,
 autosomal dominant
 inheritance 443
 autosomal recessive
 inheritance 444
 causing infertility 449
 counseling family for 443–6
 inheritance patterns 444
 non-Mendelian inheritance 445
 X-linked 444
 genital warts 356
 diagnosis 357
 incidence 356
 treatment 357
 germ cell ovarian tumors 407
 gestational diabetes 424
 gestational hypertension 158
 progression to pre-
 eclampsia 158
 gestational trophoblastic
 disease 81
 glatiramer acetate 136
 Glenn procedure 36
 gliptins 61
 glitazones 61
 glomerular filtration rate in
 chronic kidney disease 99
 glomerulonephritis 157
 GLP-1 analogues 61
- glucocorticoids 329
 glycemic control in
 diabetes mellitus 59
 Goldenhar's syndrome 372
 gonorrhea 218
 as cause of pelvic pain 364
 pelvic inflammatory
 disease 255–6
 gout treatment during
 pregnancy 325
 granulosa cell tumors 408
 Graves' disease 81, 82
 griseofulvin 328
 group B streptococci 214
 premature rupture of
 membranes 364
 gynecological cancers 399–409
 fertility preservation in 409
- HAART,
 mother to child transmission
 prevention 200
 preterm delivery risk and 202
Haemophilus influenzae
 type b (Hib) 211
 health checks preconception 20
 health-care team for
 management of inflammatory
 bowel disease 122
 heart disease,
 aortic 40
 arrhythmias 40
 birthweight and 457
 congenital 34–40
 contraindications to
 pregnancy 32
 coronary artery disease 41
 dilated cardiomyopathy 41
 effect of pregnancy on 452
 hemodynamic changes
 during pregnancy 33
 hypertrophic
 cardiomyopathy 41
 medication for and
 pregnancy 33, 34
 myocardial disease 40
 preconceptional counseling 43
 preconceptional
 evaluation of 31–43
 risk of stroke and pre-
 existing 139
 risks to fetus of 41–3
 heart transplant,
 baseline assessment
 preconception 384
 genetic counseling in 385
 HELLP syndrome 424
- in antiphospholipid
 syndrome 91
 hematomolpos 355
 hemochromatosis, liver
 transplant after 384
 hemodynamic changes
 during pregnancy 32, 33
 hemoglobinopathies 23
 hemophilia 25
 hemorrhage,
 fetomaternal 242
 intracranial 143–5
 heparin (low molecular
 weight) 333
 for recurrent pregnancy
 loss 234
 for systemic lupus
 erythematosus 88
 for thrombophilia 115
 heparin-induced
 thrombocytopenia 116
 hepatitis and drug abuse 25
 hepatitis A virus vaccination 337
 hepatitis B virus 27, 219
 in transplant patients 392
 vaccination 337
 hepatitis C virus 219
 in transplant patients 392
 herbal preparations 24
 herceptin 372
 hereditary non-polyposis coli 402
 heroin 25
 herpes simplex virus 215
 fetal death 243
 in transplant patients 392
 meningitis 214
 vertical transmission
 at birth 217
 history,
 family 25
 IBD 123
 thrombophilia testing 112
 medical 25
 preconceptional review 24
 review in fetal death 242
 sexual history and HIV risk 194
 HIV, *see* human
 immunodeficiency virus
 homocysteinuria, recurrent
 pregnancy loss 230
 human immunodeficiency
 virus (HIV),
 antiretrovirals during
 pregnancy 200
 avoidance of BCG in HIV-
 positive children 209
 conception in HIV-positive
 couples 200, 201

- contraception in HIV-positive men 199
- contraception in HIV-positive women 196
- diagnosis 193
- drug abuse 25
- epidemiology 193
- fertility in HIV-positive men 199
- fertility in HIV-positive women 196
- HAART for mother to child transmission prevention 200
- health before conception 197
- incidence 195, 208
- intravenous drug use and 198
- multidrug resistant tuberculosis and 190
- preconceptional advice for HIV infected couples 193–203
- preconceptional care 208–9
- pregnancy in HIV positive women 199
- pregnancy problems in 201–3
- preterm delivery risk and HAART 202
- prevalence 193
- prevention of transmission at conception 209
- psychological well-being 198
- reproductive health in 194
- risk groups 194
- screening for 208
- screening for tuberculosis and 186
- selenium deficiency in infection 306
- sexual history and risk 194
- testing of infants for 202
- timing of pregnancy in HIV-positive women 199
- transmission risk by route 196
- human papillomavirus 215
 - genital warts and 357
 - vaccination 337
- Huntington's chorea 443
- hydralazine use in pregnancy 165
- hydrosalpinges 254, 364
- hydroxychloroquine 87, 89
- hymen, intact 355
- hyperandrogenemia 367
- hyperbilirubinemia 69
- hypercholesterolemia 453
- hypercoagulability, and risk of stroke 139
- tests for 111
- hyperemesis in HIV-positive women 202
- vitamin B6 and hyperemesis gravidarum 309
- hyperglycemia, after diuretic use 166
- monitoring for postprandial 60
- hyperhomocysteinemia 112
- hyperlipidemia in transplant patients 393
- hyperparathyroidism 394
- hyperprolactinemia and recurrent pregnancy loss 235
- hypersensitivity to environmental allergens 53
- hypertension 157–67
 - advanced maternal age 4
 - chronic 157–8
 - classification of 157
 - pre-existing and preconceptional intervention 22
 - preconceptional counseling in 159
 - with pre-eclampsia 159
- gestational 158
- in chronic kidney disease 105
- in diabetes 62
- in systemic sclerosis during pregnancy 90
- in transplant patients 388
- increase with maternal age 9
- maternal mortality 13
- medication during pregnancy 331, 389
- obesity and 411, 424
- postnatal 167
- pulmonary 32
- risk of stroke and pre-existing 139
- see also eclampsia; pre-eclampsia
- threshold for treatment 162
- types of antihypertensives 163–6
- use of antihypertensives during pregnancy 162
- hyperthyroidism 81–2
- hypertrophic cardiomyopathy 41, 452
- hyperuricemia after diuretic use 166
- hypocalcemia 394
- hypocomplementemia 86
- hypoglycemia 60
 - after bariatric surgery 415
 - effect of pregnancy 65
 - neonatal 69
 - treatments for 65
- hypomagnesemia 69
- hypothyroidism 22, 79–81
 - effect on pregnancy 80
 - treatment 80, 81
- hypoxia during magnetic resonance imaging 134
- IBD, *see* inflammatory bowel disease
- ileal pouch–anal anastomosis 125
- delivery after 128
- imaging,
 - computed tomography 134
 - contrast agents 135
 - for intracranial hemorrhage 144
 - for stroke investigation 139
 - magnetic resonance imaging 134
 - neuroimaging 134
 - of anal sphincter 270
- immune hemolytic disease 243
- immune mechanisms in recurrent pregnancy loss 231
- immune system and selenium 306
- immunosuppression, adjustments in chronic kidney disease 101
- breastfeeding and 387
- immunosuppressants 324, 330
- infections after transplants 391
- male fertility and 386
- optimization of 385
- pregnancy and 382
- implantable drug delivery systems 136
- incontinence 267–76
- incontinentia pigmenti 445
- infections,
 - anti-infectives during pregnancy 326–9
 - asthma trigger 52
 - congenital 207, 215–18
 - HIV 193–203
 - immunosuppression after transplant and 391
 - low birth weight and 214–15
 - maternal tests after fetal death 243
 - neonatal 214
 - preconceptional care 207–20
 - preconceptional counseling 27
 - preterm delivery and 214–15
 - recurrent pregnancy loss 236
 - see also specific infections
 - tuberculosis 183–91
 - urinary tract in chronic kidney disease 105
- infertility, *see* fertility

- inflammatory bowel disease,
 effect of pregnancy on 126
 effects on pregnancy
 outcome 125
 fecundity and surgery 125
 fecundity in active 125
 fecundity in inactive 124
 in father 128
 medication and conception 126
 medication and fetus 126
 mode of delivery and 128
 preconceptional
 counseling 121–9
 worries linked to 122
 infliximab 127
 influenza 27
 incidence 212
 vaccination 212, 337
 inhaled corticosteroids
 in asthma 55
 inheritance,
 non-Mendelian 445
 of diabetes 70
 of mental illness 175
 of multiple sclerosis 136
 patterns of 444
 inherited thrombophilia 111–17
 insemination,
 donor 209
 intrauterine after radical
 trachelectomy 347
 use for conception in HIV-
 positive couples 200, 201
 insulin,
 analogues in diabetes 61
 changing requirement for 66
 insulin aspart 61
 insulin detemir 61
 insulin glargine 61
 insulin lispro 61
 resistance,
 in adulthood and IUGR 461
 in polycystic ovarian
 syndrome 366–7
 therapy preconception 60
 use during pregnancy 334
 interferons 136
 intracranial hemorrhage
 presentation and
 management 143–5
 intrauterine death in diabetes 68
 intrauterine growth
 restriction (IUGR),
 atenolol 164
 betamethasone 330
 in antiphospholipid
 syndrome 91
 in chronic hypertension 160
 in diabetes 460
 in hypertension treatment 163
 in hyperthyroidism 82
 in malaria 210
 in rheumatoid arthritis 89
 in systemic lupus
 erythematosus 86
 increase with maternal age 11
 insulin resistance in
 adulthood and 461
 smoking and 441
 intravenous drug abuse 25, 198
 intravenous immunoglobulin
 137, 138
 use for recurrent
 pregnancy loss 234
 invasive epithelial
 ovarian tumors 406
in vitro fertilization (IVF),
 after pelvic inflammatory
 disease 254
 after transplantation 384
 age trends 4
 in endometriosis 259
 maternal age and 3
 success rate and maternal age 7
 success rate and obesity 424
 use after radical
 trachelectomy 347
 use in endometriosis 363
 iodine 301–2
 deficiency 301
 dietary requirements and
 deficiency effect 292
 excess 302
 radioactive 324, 336
 requirements 301
 severe deficiency 80
 iron 302–4
 deficiency after bariatric
 surgery 414
 dietary requirements and
 deficiency effect 292
 requirements 302
 supplementation 303
 supplements and
 hypothyroidism 80
 isoniazid 189, 210
 isotretinoin 336
 IUGR, *see* intrauterine
 growth restriction
 IVF, *see* *in vitro* fertilization

 Japanese encephalitis
 virus vaccination 339
 Jatene procedure 37
 juvenile myoclonic epilepsy 149

 kanamycin 189
 karyotyping 450
 Kashin-Beck disease 306
 Keshan disease 306
 ketoacidosis, diabetic 66
 ketoconazole 328
 kidney disease, *see* renal disease
 kidney transplants, hypertension
 in pregnancy and 388
 Kleihauer test 243
 Klinefelter syndrome 449

 L-transposition of
 great vessels 37
 labetalol 164
 labor
 arteriovenous malformation
 and management of 145
 duration and maternal age 12
 dysfunctional 9
 epidural anesthesia in
 multiple sclerosis 138
 management in asthma 52
 obesity and 425
 laboratory tests preconception 20
 laparoscopic gastric
 banding 411–16
 laparoscopic pelvic
 lymphadenectomy,
 pregnancy after 401
 laser conization 349–51
 latent tuberculosis infection 210
 lead paint or solder 27
 learning difficulties and
 counseling 455
 learning disability, epilepsy
 and pregnancy in 149
 leflunomide 89
 leukotriene inhibitors
 in asthma 57
 lifestyle issues in inflammatory
 bowel disease 123
 lipase inhibitors 429
 Listeria monocytogenes 214
 listeriosis and fetal death 244
 lithium 25, 335
 litigation in anal
 incontinence 276
 liver function testing during
 treatment of tuberculosis 189
 liver transplant 384
 long QT syndrome 453
 loop diuretics 332
 loop excisions 350
 pregnancy after 399
 low birth weight,
 infection-related 214–15
 measles and 213

PRECONCEPTIONAL MEDICINE

- see also IUGR; preterm delivery
- low-molecular-weight heparin
 - 88, 115, 116, 141, 234, 333
- low-dose aspirin for pre-eclampsia prevention 161
- lumbar puncture during pregnancy 134
- lung transplant,
 - baseline assessment
 - preconception 384
 - genetic counseling after 384
- lupus nephritis 100, 105
- luteal phase defect and recurrent pregnancy loss 235
- Lynch syndrome 402
- macrophage inhibitory cytokine-1 232
- macroprolactinoma treatment during pregnancy 77
- macrosomia 425, 426
 - fetal 67
- magnesium for pre-eclampsia prevention 161
- magnetic resonance imaging during pregnancy 134
- malaria,
 - description 210
 - mortality 210
 - preconceptional care 210–11
 - risk factors 210
 - tests for after fetal death 244
- malnutrition, diabetes and fetal nutritional status 457–62
- malpresentation increase with maternal age 11
- Marfan's syndrome 32, 40, 451
- recurrent pregnancy loss 230
- massage, antenatal perineal 273
- maternal age,
 - advanced 4–13
 - biopanic and 3–15
 - BMI trends 8
 - chromosomal abnormality risk 8
 - diabetes and 9
 - disorders associated with 9
 - ectopic pregnancy risk 10
 - ethical issues 14
 - fertility decline and 4, 5
 - fetal death 242
 - genetic counseling 439
 - hypertension and 9
 - in chronic kidney disease 101
 - in diabetes 67
 - incontinence 275
 - labor duration 12
 - preconceptional interventions 21
 - pregnancy success rate and 7
 - recurrent pregnancy loss 229
 - risks linked to 441
 - social change and 3
 - spontaneous miscarriage risk 9, 10
 - stillbirth risk 10, 11
 - stroke risk 139
 - timing of conception and 412
 - trends in IVF requests 4
- maternal mortality,
 - after bariatric surgery 415
 - BMI and 198
 - ectopic pregnancy 259
 - from HIV 209
 - from neurological disorders 133
 - in epilepsy 152
 - in malaria 210
 - in systemic lupus erythematosus with pulmonary hypertension 87
 - increase with maternal age 11, 13
 - obesity and 426
 - seizures and 149
 - measles 211, 213
 - MMR vaccination 212, 213, 338
- mebendazole 326
- medications,
 - adjustments in chronic kidney disease 101
 - anesthetics 323–4
 - anticoagulants for thrombophilia during pregnancy 115
 - antihypertensives during pregnancy 162, 163–6
 - antiretrovirals during pregnancy 200
 - cardiac 33, 34
 - contraindicated drugs 324
 - for tuberculosis during pregnancy 189
 - directly observed therapy for tuberculosis 188
 - exposure of fetus to 442
 - FDA pregnancy category definitions 322
 - fetal toxicity of breast cancer treatment 372
 - for chlamydial pelvic inflammatory disease 254
 - for diabetes and pregnancy 60–1
 - for gonorrhea 256
 - for hepatitis B virus infection 219
 - for hypertension during pregnancy 389
 - for malaria during pregnancy 211
 - for multiple sclerosis 135, 136
 - for multiple sclerosis relapse during pregnancy 137
 - for postnatal hypertension 167
 - for rheumatoid arthritis during pregnancy 89
 - for systemic lupus erythematosus during pregnancy 87
 - for syphilis 256
 - for weight loss 429
 - HAART for mother to child HIV transmission prevention 200
 - immunosuppression, and male fertility 386
 - during pregnancy 385
 - safety in pregnancy 394
 - implantable drug delivery systems 136
 - inflammatory bowel disease drugs, and conception 126
 - and fetus 126
 - in systemic sclerosis and pregnancy 90
 - pharmacokinetics 323
 - preconceptional review 23
 - prescribing during pregnancy 322
 - psychiatric treatment during pregnancy 175
 - safety information data 322
 - teratogenic 323
 - threshold for hypertension treatment 162
 - to avoid preconception 321–39
 - use for stroke in pregnancy 141
- medicolegal problems in anal incontinence 276
- Mediterranean diet 298
- mefenamic acid 361
- megavitamins 24
- meglitinidine analogues 61
- melanoma, vulval 358
- menarche, age at 4
- meningitis, neonatal 214
- menopause after chemotherapy 374
- menorrhagia 359
- mental illness 25, 171–9
 - definition of 'severe' 173

- development in children 175
 - explaining risk and benefit 178–9
 - implications for pregnancy and childbirth 173
 - preconceptional issues 173
 - psychotherapeutic use 335–6
 - recurrence if medication is discontinued 176
 - reduction of risk of becoming unwell 177
 - risk of postpartum illness 178
 - metabolic disorders 25
 - maternal 454
 - metformin 334, 366
 - use in pregnancy 60, 61
 - methimazole 335
 - methotrexate 87, 89, 324, 331
 - in inflammatory bowel disease 127
 - methyldopa,
 - for hypertension in transplant patients 389
 - use in pregnancy 163
 - methylxanthines 56
 - metronidazole 328
 - microdeletion syndromes 452
 - micronutrients,
 - dietary supplementation 291–315
 - supplements after bariatric surgery 414
 - microprolactinoma treatment during pregnancy 76, 78
 - migraine 141
 - auras 142
 - risk of stroke and 139
 - mineralocorticoids 329
 - minerals, dietary supplementation 291–315
 - miscarriage,
 - advanced maternal age 4
 - after radical trachelectomy 347
 - bacterial vaginosis 257
 - betamethasone 329
 - biochemical pregnancy loss 237
 - cornual blockage after 364
 - epilepsy and 148
 - in antiphospholipid syndrome 91
 - in chromosome translocations 447
 - in diabetes 67
 - in epilepsy 152
 - in HIV-positive women 202
 - in hyperthyroidism 82
 - in hypothyroidism 80
 - in malaria 210
 - in systemic lupus erythematosus 86
 - increase with maternal age 6, 9, 10
 - infectious disease and 207
 - iodine deficiency 302
 - karyotyping in multiple 450
 - management after radical trachelectomy 348
 - measles and 213
 - moderate renal impairment and 103
 - obesity and 424
 - recurrent pregnancy loss 229–37
 - seizures and 149
 - selenium 305
 - severe renal impairment and 104
 - smoking and 441
 - unicornuate uterus and 356
 - misoprostol 348
 - mitochondrial inheritance 445
 - mitoxantrone 137
 - mitral insufficiency 39
 - mitral valve stenosis 32, 39
 - MMR (measles/mumps/rubella) vaccination 213, 338
 - modafinil 137
 - mood disorder, lifetime risks in children of bipolar parents 176
 - mood stabilizing anti-epileptics 25
 - mortality,
 - fetal,
 - in antiphospholipid syndrome 91
 - in diabetes 68
 - outcome form for 245
 - previous fetal death 241–7
 - from diarrheal disease and breastfeeding 212
 - maternal, *see* maternal mortality
 - perinatal and iodine deficiency 302
 - multidrug resistant tuberculosis 183, 185 and HIV 190
 - multiparity, maternal mortality and age 13
 - multiple gestation and risk of stroke 139
 - multiple sclerosis 135–8
 - breastfeeding in 138
 - delivery in 137
 - epidural anesthesia in 138
 - genetics of 136
 - incidence 135
 - management of relapse 137
 - management of symptoms 137
 - medication during pregnancy 135–6
 - postpartum considerations 138
 - preconceptional counseling 135
 - relapse postpartum 138
 - relapse rate in pregnancy 136
- multivitamins 24, 414
- mumps, MMR vaccination 338
- Mustard/Senning procedure 37
- myasthenic crisis 329
- Mycobacterium tuberculosis* 183
- mycophenolate mofetil 87, 385
 - in chronic kidney disease 101
- Mycoplasma* and recurrent pregnancy loss 236
- myocardial disease 40–1
- myocardial infarction
 - in diabetes 65
- myotonic dystrophy 443, 450
 - recurrent pregnancy loss 230
- natalizumab 137
- natural killer cells and recurrent pregnancy loss 232–4
- Neisseria gonorrhoeae* 255–6
- Neisseria meningitidis* 214
- neonatal hypoglycemia 69
- neonatal infections 214
- neonatal lupus 87
- neonatal tetanus 213
- nephropathy 64
- neural tube defects,
 - after maternal diarrheal disease 213
 - anticonvulsants 326
 - folate deficiency 299
 - follic acid fortification of cereals 294–5
 - obesity and 426
- neuroblastoma 166
- neurodevelopment in fetal and maternal hypothyroidism 80
- neurofibromatosis 149
- neuroimaging 134
 - for cerebral venous thrombosis 146
 - for intracranial hemorrhage 144
 - for stroke investigation 139
- neurological assessment 133
- neurological disorders 133–52
- neuromuscular blocking agents 324
- niacin, *see* vitamin B3
- nicardipine 165
- NICE guidelines,

PRECONCEPTIONAL MEDICINE

- on sexually transmitted disease screening 252
 - on toxoplasmosis 216
- NICE recommendations,
 - for preconceptional care 467
 - glycemic control in diabetes 60
 - on weight and assisted reproduction 427
- nicotine replacement therapy 26
- nifedipine 165
- nimodipine 165
- nitrofurantoin 327
- nitroglycerin 331
- non-Mendelian inheritance 445
- non-steroidal anti-inflammatory drugs (NSAIDs) 324, 324, 361
 - in asthma 48, 53
 - use in systemic lupus erythematosus 88
- nulliparity and obesity 423–32
- nutraceuticals 297
- nutrition, *see* diet
- OASIS 267–76
- obesity,
 - anesthetic complications and 425
 - bariatric surgery 430–1
 - and pregnancy 411–16
 - childhood 461
 - definition 423
 - epidemiology 423
 - fertility and 424
 - fetal death 242
 - fetal well-being 426
 - gestational diabetes and 424
 - hypertension in pregnancy 424
 - in nulliparas 423–32
 - IVF outcome and 424
 - labor and delivery in 425
 - macrosomia and shoulder dystocia 425, 426
 - management of pregnancy in 411
 - maternal mortality and 426
 - miscarriage and 424
 - postpartum hemorrhage in 426
 - recommended weight gains during pregnancy 428
 - see also* body mass index
 - stillbirth and 427
 - venous thromboembolism and 425
 - weight loss
 - recommendations 427
 - weight loss strategies 428–31
- obstetric anal sphincter injuries (OASIS) 267–76
- occupation,
 - asthma triggers 53
 - preconceptional counseling 27
- occupational exposure 27
- oligohydramnios and analgesic use 324, 325
- omega 3 fatty acids 304–5
 - dietary requirements and deficiency effect 292
 - for pre-eclampsia prevention 161
 - requirements 304
 - supplementation 305
- opioids 325
- ornithine carbamoyltransferase deficiency 454
- ovarian cancer 404–8
 - epithelial ovarian tumors of low malignant potential 405
 - fertility preservation in 405, 406
 - germ cell ovarian tumors 407
 - incidence 404
 - invasive 406
- ovarian conservation in endometrial cancer 403
- ovarian cryopreservation 375, 409
- ovarian cysts 365–6
- ovarian stromal tumors 407
- ovarian transplantation 409
- oxprenolol 164
- Paget's disease 359
- pain, pelvic 363–4
- pancreatitis after diuretic use 166
- paradoxical embolism 146
- parasites, treatment during pregnancy 326
- parental age and ethical issues 14
 - see also* maternal age
- parity,
 - in diabetes 67
 - obese nulliparas 423–32
 - recurrent pregnancy loss 229
 - risk of stroke and 139
- parvovirus 215, 216
 - parvovirus B19 and fetal death 243
- Patau's syndrome 441
- patent ductus arteriosus 35
- patent foramen ovale 146
- paternal age, risks linked to 441
- pedigree diagrams 440
- pellagra 308
- pelvic cysts 364–5
- pelvic inflammatory disease 251–7
 - antibiotic treatment 254
 - as cause of pelvic pain 364
- bacterial vaginosis 257
- chlamydial and 218, 252–5
- definition and incidence 251
- gonorrhea 255–6
- IVF after 254
- menorrhagia and 360
- peritubular adhesions 254
- syphilis 256
- pelvic pain 363–4
- pergolide use in prolactinomas 76
- perianal Crohn's disease 128
- perineal tears 267–76
 - birthing position and 273
 - classification 267
 - prediction of 275
 - prevention 273
 - risk of recurrence 274
- peripartum cardiomyopathy 385
- peritoneal dialysis 104
- pernicious anemia 310
- pertussis 211
 - vaccination 338
- pharmacokinetics of drugs during pregnancy 323
- phenobarbital 151
- phenylketonuria 24
 - maternal 454
- phenytoin 151
- pheochromocytoma and chronic hypertension 157
- phobias, tocophobia 281–7
- pituitary gland prolactinoma 75–8
- placenta, complications and fetal death 242
- placental abruption, hypertension and 9
 - in chronic hypertension 160
 - in hypothyroidism 80
 - uterine fibroids and 9
- Plasmodium*, preconceptional care 210–11
- pneumococcus 211
 - vaccination 338
- pneumonia 211
 - neonatal and Chlamydia 218
 - pneumococcal 211
- podophyllotoxin 357
- point mutations and paternal age 441
- poliovirus vaccination 338
- polycystic kidney disease (adult) 106
- polycystic ovarian syndrome 366–7
 - endometrial cancer and 402
 - recurrent pregnancy loss 235
- polycythemia 69

- postnatal depression
 25, 171, 172, 174
 maternal mortality and age 13
 psychosis in bipolar disorder 174
- postpartum hemorrhage,
 in hypothyroidism 80
 in obesity 426
- praziquantel 327
- prazosin 164
- pre-eclampsia,
 classification 159
 diagnosis 158
 fetal death 241
 in antiphospholipid syndrome 91
 in asthma 50
 in chronic hypertension 159
 in hyperthyroidism 82
 in hypothyroidism 80
 in systemic lupus erythematosus 86
 in transplant patients 388
 increase with maternal age 9
 management of stroke in 143
 moderate renal impairment and 103
 non-selective beta-blockers in 164
 preconceptional counseling for women with previous pre-eclampsia 160
 prediction 161
 prevention 161
 reducing risk after transplant 390
 risk after transplants 384
 risk in diabetes 63
 risk of stroke and 139
 selenium 305
 severe renal impairment and 104
- prebiotics 298
- preconceptional care,
 acute respiratory infections 211–12
 adverse influences on 19
 HIV 208–9
 in diabetes mellitus 59
 in women with heart disease 31–43
 infectious disease and 207–20
 malaria 210–11
 provision of 465–8
 role of NICE in 467
 role of primary care in 466
 secondary care in 466
 tuberculosis 209–10
- vaccination against infections 211
- preconceptional counseling 19–28
 after perineal tears 267–76
 after previous fetal death 246
 after radical trachelectomy 347
 after transplants 383
 aneurysm management 145
 baseline assessment after transplantation 384
 cf antenatal care 19
 components of 20
 considerations in genetic counseling 448
 definition 19
 effects of diabetes on neonate 69
 for anal incontinence 271
 for chronic kidney disease 99
 for dietary supplements 294
 for genetic abnormalities 439–55
 for heart disease 43
 for multiple sclerosis 135
 for recurrent pregnancy loss 230
 for thrombophilia 114
 genetic counseling of transplant patients 384
 how to supplement 295
 in antiphospholipid syndrome 91
 in chronic hypertension 159
 in diabetes mellitus 59
 in hepatitis 219
 in HIV-positive women 197
 in inflammatory bowel disease 121–9
 in rheumatoid arthritis 89
 in systemic lupus erythematosus 87
 in systemic sclerosis 90
 in women with previous pre-eclampsia 160
 issues in inflammatory bowel disease 123
 litigation and anal incontinence 276
 on medications 321–39
 use in diabetes 62
 on psychiatric medication 177
 pelvic inflammatory disease 251
 recommendations for 27
 strategies to improve diet 297
 suppliers of 19
 who to supplement 295
- preconceptional evaluation of cardiac lesions 42
- prednisolone 87, 329, 385
 in chronic kidney disease 101
 use for recurrent pregnancy loss 234
- pregnancy,
 after bariatric surgery 411–16
 after breast cancer 370
 after conization 359
 after loop excision 359
 after trachelectomy 346
 antihypertensives during 162
 cardiac contraindications 32
 choice of anti-epileptic during 151
 contraindicated drugs 324
 counseling on medication use 321
 denial 285, 286
 during breast cancer treatment 373
 ectopic 251, 259–64
 effect on asthma 48–50
 effect on diabetes 65
 effect on epilepsy 147
 effect on inflammatory bowel disease 126
 effect on multiple sclerosis relapse rate 136
 effect on prolactinoma growth 75
 effect on rheumatoid arthritis 88
 effect on thyroid disease 79
 effect on tuberculosis 185–6
 effects of asthma on 50
 FDA medication classification for 54
 fetal nutritional status and adult disease 457
 HAART for mother to child HIV transmission prevention 200
 imaging during 133–5
 immunosuppression during 385
 implications of mental illness for 173
 in breast cancer survivors 369–78
 in chronic kidney disease 381
 in HIV-positive women 199
 IVF success rate and maternal age 7
 management after previous fetal death 247

PRECONCEPTIONAL MEDICINE

- management of stroke
 - during 139–45
- neurological symptoms
 - during 133
- pharmacokinetics of
 - drugs during 323
- planning after bariatric surgery 413
- prescribing during 322
- problems in HIV-positive women 201
- psychiatric treatment
 - during 175
- recommended weight gains 428
- renal outcomes in chronic
 - kidney disease 102
- risk of transplant rejection 387
- safe immunosuppressants 394
- seizure risk 147
- success rate and maternal age 7
- timing of after
 - transplantation 381
- travel and malaria 211
- tuberculosis in 183–91
- unplanned 19
- vaccination during 211, 212
- pregnancy outcome,
 - adverse and maternal age 11
 - after breast cancer 372
 - after cervical cancer 399
 - after cervical conization 350, 400–1
 - after radical trachelectomy 347, 400–1
 - after uterine sparing cervical cancer surgery 345
 - diabetes and 67
 - effect of anti-epileptic drugs on 150
 - epilepsy co-morbidities 150
 - hyperthyroidism and 82
 - in epilepsy 152
 - in mild renal impairment 103
 - in moderate renal impairment 103
 - in severe renal impairment 104
 - inflammatory bowel disease and 125, 126
 - preconceptional care and 20
 - previous adverse outcome and choice of who to test/screen for thrombophilia 112
- preimplantation genetic screening (PGS),
 - for aneuploidy 8
 - maternal age and 8
- premature rupture of membranes,
 - after radical trachelectomy 347
- group B streptococci 364
- preterm delivery,
 - after laser conization 350
 - in antiphospholipid syndrome 91
 - in asthma 50
 - in epilepsy 152
 - in HIV-positive women 202
 - in hyperthyroidism 82
 - in hypothyroidism 80
 - in malaria 210
 - in obesity 425
 - in rheumatoid arthritis 89
 - in systemic lupus erythematosus 86
 - in systemic sclerosis 90
 - infection-related 214–15
 - listeria and 214
 - measles and 213
 - renal impairment and 103
 - smoking and 441
 - unicornuate uterus and 356
- previous fetal death 241–7
- primdone 326
- probiotics 298
- ProC Global assay 115
- progesterone,
 - progesterone receptor polymorphism 230
 - use for recurrent pregnancy loss 233
- progestogens 334
- prolactinoma 75–8
 - effect of pregnancy on 75
 - incidence 75
 - management during pregnancy 75, 76
- prophylaxis,
 - for history of venous thromboembolism 116
 - for malaria 211
- propranolol use in
 - hyperthyroidism 82
- propylthiouracil 82, 334
- prosthetic heart valve 32
- protein C deficiency 111
 - recurrent pregnancy loss 234
- protein S deficiency 112
 - recurrent pregnancy loss 234
- proteinuria 158
 - in chronic kidney disease 105
- prothrombin gene mutation 111, 112
- psychosis, postpartum 172
- psychosocial problems 25
- psychotherapeutics 335–6
- pudendal nerve, terminal motor latency measurement 271
- pulmonary embolism 23
- pulmonary hypertension 32
- pulmonic insufficiency 39
- pulmonic valve 39
- Pune Maternal Nutrition Study 458
- purpura fulminans 112
- pyelonephritis in transplant patients 391
- pyrazinamide 189, 209
- pyridoxine with isoniazid for tuberculosis 189
- questionnaire on
 - incontinence 268
- quinagolide use in
 - prolactinomas 76
- quinine 329
- quinolones 324, 327
- rabies vaccination 339
- radiation,
 - risk to fetus during scanning 134
 - surgical management of intracranial hemorrhage and risk to fetus 144
- radical trachelectomy 346, 400
- radioactive substances,
 - iodine-131 324, 336
 - occupational exposure 27
- radiotherapy 372
- rapamycin 386
- reciprocal translocations 446
- recommendations,
 - ACCP guidelines for thrombophilia testing 113
 - CDC guidelines for treatment of tuberculosis 190
 - for conception timing in chronic kidney disease 100
 - for pertussis vaccination 212
 - for targeted tuberculin testing 187
 - for weight loss in obesity 427
 - NICE guidelines on sexually transmitted disease screening 252
 - NICE guidelines on toxoplasmosis 216
 - NICE recommendations for glycemic control in diabetes 60
 - NICE recommendations for preconceptional care 467
 - on weight and assisted reproduction 427

- on timing of pregnancy after transplantation 382
 - recommended dietary allowance 296
 - recreational drugs, exposure of fetus to 441
 - recurrent pregnancy loss 229–37
 - anatomic causes 230
 - aneuploidy 230
 - antiphospholipid syndrome 91, 231
 - antithyroid antibodies 231
 - biochemical pregnancy loss 237
 - chemical causes 236
 - chromosomal abnormalities
 - in parent 230
 - early pregnancy loss in antiphospholipid syndrome 91
 - endocrine factors 235–6
 - etiology 229
 - fibrinolytic factors 234
 - genetic factors 229
 - immune mechanisms 231–4
 - in systemic lupus erythematosus 390
 - incidence 229
 - natural killer cells 232–4
 - progesterone receptor polymorphism 230
 - risk factors 229
 - thrombophilia 234
 - unexplained 236
 - reflux nephropathy 106
 - renal disease,
 - chronic 99–107
 - preconceptional interventions 22
 - chronic hypertension and 157
 - in systemic lupus erythematosus 86
 - risk of stroke and pre-existing 139
 - renal transplants 23
 - respiratory infections 52
 - restless lower limbs 137
 - retin-A derivatives 324
 - retinoic acid analogues, exposure of fetus to 442
 - retinoids 336
 - retinopathy 63
 - retrograde ejaculation, after inflammatory bowel disease surgery 128
 - Rett syndrome 445
 - reversible cerebral vasoconstriction syndrome 143
 - rheumatic disorders, treatment during pregnancy 325
 - rheumatic heart disease 31
 - rheumatoid arthritis 88–9
 - effect on pregnancy 89
 - management for pregnancy 93
 - medications for and pregnancy 89
 - preconceptional counseling in 89
 - response to pregnancy 88
 - rhinovirus 53
 - ribavirin 220
 - rifampicin 190, 329
 - rifamycin 190
 - risk identification 20
 - Robertsonian translocations 446
 - Rokitansky syndrome 355
 - rotavirus vaccine 212
 - rubella 27, 215, 216
 - fetal death 243
 - MMR vaccination 338
 - salpingectomy for ectopic pregnancy 262
 - salpingian cysts 366
 - salpingotomy for ectopic pregnancy 263
 - schizophrenia 25
 - risk of admission after delivery 175
 - scleroderma,
 - chronic hypertension and 157
 - see also systemic sclerosis
 - screening,
 - ACCP guidelines for thrombophilia 113
 - for HIV 208
 - for sexually transmitted diseases 252
 - for toxoplasmosis 216
 - for trisomies 441
 - for tuberculosis 186
 - for venous thromboembolism 111
 - free fetal DNA testing 445
 - genetic 25
 - in neonates of diabetic mothers 69
 - methods for thrombophilia 115
 - preconception 20
 - who to test for thrombophilia 112
 - why screen for thrombophilia 114
- seizures,
 - balance of anti-epileptics and frequency 149
 - effect during pregnancy 148
 - effect on menstrual cycle 147
- prolonged 148
- risk during pregnancy 147
- see also epilepsy
- selenium 305–6
 - deficiency 305
 - dietary requirements and deficiency effect 293
 - requirements 305
 - supplementation 306
- sepsis,
 - fetal death 241
 - neonatal 214
- septal defect,
 - atrial 34
 - ventricular 35
- septum, vaginal 355
- Sertoli-Leydig tumors 408
- sex, safe 198
- sex-cord stromal tumors 407
- sexual abuse and tocophobia 282
- sexually transmitted diseases 25
 - Chlamydia 252–5
 - NICE guidelines on screening 252
 - see also specific diseases
- shoulder dystocia 425, 426
 - in diabetes 68
- shunt lesions 34–5
- sickle cell anemia 444
 - recurrent pregnancy loss 230
- sickle cell disease 23, 25
- sildenafil use for recurrent pregnancy loss 234
- simvastatin 333
- single ventricle 36
- sirolimus 386, 387
- skeletal dysplasia 454
- skin necrosis, warfarin and inherited thrombophilia 112
- sleep disorders,
 - advice in multiple sclerosis 137
 - treatment during pregnancy 335
- small-for-gestational age (SGA) infants,
 - asthma and 50
 - atenolol and 389
 - in systemic sclerosis 90
 - renal impairment and 103
- smoking 26
 - asthma and 50
 - exposure of fetus to 441
 - in chronic hypertension 160
 - in diabetes 67
 - in inflammatory bowel disease 123
 - recurrent pregnancy loss 236
 - risk of stroke and 139

PRECONCEPTIONAL MEDICINE

- social change and maternal age 3
 - social isolation 298
 - socioeconomic status and
 - epilepsy 147, 150
 - sodium valproate 326
 - solvents, occupational
 - exposure to 27
 - sperm washing 209
 - use for conception in HIV-positive couples 201
 - spironolactone 332
 - spontaneous abortion,
 - see miscarriage
 - spontaneous miscarriage,
 - see miscarriage
 - statins 333
 - in diabetes 62
 - status epilepticus 148, 149
 - stenosis,
 - aortic valve stenosis 32
 - cervical 401
 - mitral valve stenosis 32, 39
 - supraventricular aortic stenosis 38
 - tricuspid valve stenosis 39
 - steroids,
 - adrenocortical 329–30
 - in asthma 22
 - stillbirth 241–7
 - advanced maternal age 4
 - causes 241–2
 - emotional support after 246
 - external examination of stillborn fetus 243
 - fetal death outcome form 245
 - in hyperthyroidism 82
 - in obesity 411
 - increase with maternal age 10
 - iodine deficiency 302
 - Listeria and 214
 - maternal tests after 243
 - obesity and 427
 - postmortem examination of stillborn fetus 243
 - postnatal follow-up 246
 - selective tests after 244
 - Strassman's operation 356
 - streptococcus (group B) 214
 - premature rupture of membranes 364
 - streptomycin 189, 209, 324
 - stress and asthma 54
 - stroke 138–46
 - acute 140, 141
 - Cincinnati Prehospital Stroke Scale 139, 140
 - contraindications to thrombolytic therapy 142
 - differential diagnosis
 - in pregnancy 141
 - in eclampsia 143
 - in pre-eclampsia 143
 - incidence 138
 - intracranial hemorrhage 143
 - investigations for 141
 - management 139
 - medication for 141
 - patent foramen ovale 146
 - presentation 139
 - previous and risk during pregnancy 139
 - reversible cerebral vasoconstriction syndrome 143
 - risk factors for 139
 - symptoms to consider 140
 - unruptured aneurysm 145–6
- subependymal heterotopia 149
- subfertility 5
- sulfapyridine 325
- sulfasalazine 89, 325
- sulfonylureas 61
- supraventricular tachycardia 40
- supplements, routine dietary
 - supplements 291–315
- supraventricular aortic stenosis 38
- surgery,
 - bariatric 411–16
 - conization 349–51
 - for ectopic pregnancy 262
 - for endometriosis 258
 - for inflammatory bowel disease in fathers 128
 - for intracranial hemorrhage 144
 - for macroprolactinoma 77
 - for microprolactinoma 77
 - for ovarian cancer 405
 - for uterine malformations 356
 - previous cervical conization and cervical cancer surgery 345–51
 - radical trachelectomy 346
- surrogacy,
 - after endometrial cancer treatment with ovarian conservation 403
 - in vaginal atresia 355
- synbiotics 298
- sypphilis 215, 216
 - genital warts and 357
 - pelvic inflammatory disease 256
- systemic corticosteroids,
 - in asthma 55
- systemic lupus erythematosus 23, 85–8, 454
 - chronic hypertension and 157
 - congenital malformations and treatments 88
 - effect of pregnancy on 85
 - effect on neonate 87
 - in pregnant transplant patients 390
 - incidence 85
 - lupus flare and conception 87
 - management for pregnancy 92
 - medication during pregnancy 87
 - mycophenolate mofetil for 386
 - pregnancy outcome and 86
- systemic sclerosis 89–90
 - effect of pregnancy on 89
 - effect on pregnancy of 90
 - management for pregnancy 93
- systemic ventricular dysfunction 32
- tachycardia 40
 - maternal 453
- tacrolimus 385
- tamoxifen 372
- Tay Sachs disease 25
- teratogenesis 323
- teratogens 441
- tetanus,
 - incidence 213
 - neonatal 213
 - vaccination 338
- tetracycline 324, 327
- tetralogy of Fallot 36, 329
- thalassemia 23, 25
- thalidomide 324
 - in IBD 127
- 'the blues' 171
- theophyllines 336
- thiazide diuretics 332
- thiazolidinediones 61
- thiopurines in inflammatory bowel disease 127
- thrifty phenotype theory 457
- thrombocytopenia, fetal 166
- thromboembolism,
 - obesity and 425
 - risk in multiple sclerosis 137
- thrombolytic therapy,
 - contraindications to 142
 - in stroke 140
- thrombophilia 23, 25
 - antithrombotic therapy during pregnancy 115
 - inherited 111–17
 - and fetal death 242

- recurrent pregnancy loss 234
- screening 112, 114, 115
- testing 112, 113
- thrombophlebitis, superficial 112
- thromboprophylaxis 140
- thrombosis in systemic
 - lupus erythematosus 86
- thyroid disease,
 - preconceptional
 - interventions 22
 - recurrent pregnancy loss 235
 - see also hyperthyroidism; hypothyroidism
- thyroid hormone 334
- thyroiditis,
 - autoimmune 80
 - viral 81
- thyrotoxicosis 22
- thyroxine use in
 - hypothyroidism 81
- tobacco use, *see* smoking
- tocophobia 281–7
 - birth reflection 284
 - case study 284
 - implications of anxiety on pregnancy 282
 - incidence 282
 - primary 281
 - secondary 282
 - symptoms 282
- Todd's palsy 141
- tolerable upper intake levels 296
- TORCH 215
 - recurrent pregnancy loss 236
- toxic exposure 27
- toxic multi/uni-nodular goiter 81
- toxicity of breast cancer
 - treatments for fetus 372
- toxoplasmosis 27, 215, 216
 - fetal death 243
 - in HIV infection 198
- trachelectomy,
 - abdominal 346
 - radical 346, 400
- training for preconceptional care 20
- tranexamic acid 361
- transient ischemic attacks 141
- translocations,
 - reciprocal 446
 - Robertsonian 446
- transplantation 381–95
 - anemia after 393
 - baseline assessment preconception 384
 - breastfeeding after 387
 - erythrocytosis after 393
 - fertility after 381
 - hyperlipidemia after 393
 - hypertension and 388
 - immunosuppressants safe
 - in pregnancy 394
 - kidney 106
 - optimization of
 - immunosuppression 385
 - preconceptional
 - counseling after 383
 - reducing risk of pre-eclampsia after 390
 - risk of rejection and pregnancy 387
 - skeletal problems after 394
 - timing of pregnancy after 381
 - vaccination after 385
- transplants,
 - immunosuppression and
 - infections after 391
 - medication adjustments in
 - chronic kidney disease 101
 - renal 23
- travel, malaria risk and pregnancy 211
- Treponema pallidum* 256
- trichomoniasis 328
- tricuspid valve stenosis 39
- tricyclic antidepressants 335
- trimethoprim 328
- trisomy 18 13
- trisomy 21 439, 441
 - advanced maternal age 4
 - risk and age 7, 8
- tuberculin testing,
 - recommendations for targeted 187
- tuberculosis 183–91
 - active 189–90
 - breastfeeding and
 - treatment 190
 - CDC guidelines for
 - treatment 190
 - contraindicated medications
 - during pregnancy 189
 - description 183
 - diagnosis 188
 - diagnosis in pregnancy 185
 - effects in pregnancy 185–6
 - incidence 183, 209
 - latent infection 184, 187, 188–9
 - management 209
 - multidrug resistant
 - and HIV 190
 - preconceptional care 209–10
 - recommendations for
 - targeted testing 187
 - screening for 186
 - tests for 184, 185
 - treatment 188
 - during pregnancy 189
- tuberous sclerosis 149, 451
- tumor necrosis factor- α inhibitors 234
- Turner's syndrome 449
- typhoid, vaccination 339
- ulcerative colitis 121
 - see also inflammatory bowel disease
- ultraconservative fertility sparing surgery 351
- unicornuate uterus 356
- unilocular cysts 365
- unipolar depression, risk of admission after delivery 175
- unplanned pregnancy 19
- urinary retention in
 - multiple sclerosis 138
- urinary symptoms in
 - multiple sclerosis 137
- urinary tract infection in
 - chronic kidney disease 105
- uterine anomalies and recurrent pregnancy loss 230
- uterine fibroids 360–1
 - increase with maternal age 9
- uterine sparing cervical cancer surgery 345
- uterus,
 - bicornuate 356
 - malformations 356
 - rupture 356
 - unicornuate 356
- vaccination,
 - after transplantation 385
 - cholera 212
 - diarrheal disease 212
 - diphtheria 212
 - during pregnancy 211
 - genital warts and 357
 - hepatitis B virus 219
 - human papillomavirus 215
 - influenza 212
 - measles 212
 - measles/mumps/rubella 213
 - pertussis 212
 - pneumococcal 211
 - preconceptional 211
 - rotavirus 212
 - rubella 217
 - use before and during pregnancy 337
 - varicella zoster virus 217
- VACTERL 334
- vagina,

PRECONCEPTIONAL MEDICINE

- atresia 355
- benign conditions 355
- malformation of 355
- septum 355
- vaginal trachelectomy 346
- vaginosis, bacterial 257
- valaciclovir 391
- valganciclovir 391
- valproate 147, 151
- valvular lesions 38
- vancomycin 328
- varicella virus 27
 - vaccination 338, 339
- varicella zoster virus 215, 217
 - vaccination 339
- vasculitis, risk of stroke and pre-existing 139
- vasodilators, use in pregnancy 165
- vegetarian diet 23
 - zinc deficiency 313
- velocardiofacial syndrome 452
- venous stasis and risk of stroke 139
- venous thromboembolism 23
 - clinical approach 111
 - history of and prophylaxis 116
 - prevention of recurrent in pregnancy 116
 - who to test/screen 112
- ventricle, single ventricle variants 36
- ventricular septal defect 35
- vesico-ureteric reflux, heredity considerations 384
- vitamin A 24, 306–8
 - deficiency 307
 - dietary requirements and deficiency effect 293
 - requirements 306
 - supplementation 308
 - toxicity 307
- vitamin B3 308–9
 - deficiency 308
 - dietary requirements and deficiency effect 293
 - requirements 308
 - supplementation 308
- vitamin B6 309–10
 - deficiency 309
 - dietary requirements and deficiency effect 293
 - recommendations 309
 - supplementation 310
 - teratogenic effects 309, 307
- vitamin B12 310–11
 - deficiency 310, 458
 - deficiency after bariatric surgery 414
 - dietary requirements and deficiency effect 293
 - requirements 310
 - role in epigenetic processes 459
 - supplementation 311
 - teratogenic effects 311
- vitamin D,
 - deficiency 312
 - deficiency after bariatric surgery 414
 - deficiency and obesity 431
 - dietary requirements and deficiency effect 293
 - requirements 311
 - supplementation 312
- vitamins 336–7
 - antioxidant for pre-eclampsia prevention 161
 - 1,25-dihydroxyvitamin D3 234
 - megavitamins 24
 - pre-eclampsia protection and 63
 - supplementation 291–315
 - supplements after bariatric surgery 414
- vulval cysts 358
- vulval intraepithelial neoplasia 358
- vulval melanoma 358
- vulvar cancer 408–9
 - delivery options after 408
- warfarin 23, 324, 332
 - exposure of fetus to 442
 - skin necrosis and inherited thrombophilia 112
 - use in antiphospholipid syndrome 91
 - use in stroke 141
- warts, genital 356
- weight gain, recommendations for 428
- weight loss 427
 - conservative strategies 428
 - in chronic hypertension 160
 - medical strategies 429
 - surgical strategies 430
- weight loss surgery 411–16
- well-being,
 - assessment of fetal and obesity 426
 - in HIV-positive women 198
- Wolff-Parkinson White syndrome 40
- X-linked genetic syndromes 444
- X-rays, occupational exposure 27
- yellow fever, vaccination 339
- zidovudine 200
- zinc 313
 - dietary requirements and deficiency effect 294
- zostavax 339