

Index

• A •

- A (alpha) cells, 30, 359
- A1c at Home (FlexSite), 139
- A1c Now (Metrika, Inc.), 139
- Abbott Laboratories
 - blood glucose meters, 129–130
 - Web site, 353
- acanthosis nigricans, 99, 252
- acarbose, 201, 265, 359
- accelerated starvation, 112
- Accu-Chek blood glucose meters (Roche Diagnostics), 132
- AccuBase A1c Glycohemoglobin (Diabetes Technologies), 139
- ACE inhibitor, 76–78, 141, 359
- acesulfame, 166
- acetaminophen, 224
- acetoheamide, 197
- acetone, 63, 295, 359
- acidosis. *See* ketoacidosis
- acromegaly, 49
- Activa Brand Products (Web site), 354
- Actos, 203–204, 265, 354, 359
- ADA. *See* American Diabetes Association (ADA)
- adiposity, central, 91
- adolescents, diabetes in, 253–254
- adrenergic symptoms, of hypoglycemia, 56
- adult onset diabetes. *See* type 2 diabetes
- advanced glyated end products (AGEs), 71, 80, 359
- Advanta Jet (Activa Corporation), 218
- aerobic exercise, 180–182, 188, 194, 241
- AFB (American Foundation for the Blind), 83, 356
- African Americans
 - diabetic kidney disease in, 73
 - gestational diabetes in, 109, 115
 - peripheral vascular disease in, 95
 - retinopathy, 81
 - type 2 diabetes, 251–252
- AGEs (advanced glyated end products), 71, 80, 359
- AIDS medications, 293–294
- albumin, 71, 73–74, 76, 78
- alcohol, 59, 164–165, 167, 197, 255
- aldosterone, diabetes cause, 49
- algorithm, 359
- alopecia, 99
- alpha-blockers, 224
- alpha cells, 30, 359
- alpha-fetoprotein, 114
- alpha-glucosidase inhibitors, 201–202
- alpha lipoic acid, 87
- alprostadil, 104
- Alzheimer’s Disease, 262
- Amaryl, 354, 359
- American Diabetes Association (ADA)
 - carbohydrates, 155
 - cholesterol goal, 124
 - drug evaluations, 289
 - hemoglobin A1c, 137
 - membership in, 301
 - nutrition section of Web site, 358
 - standards, 22
 - Web site, 350, 358
- American Discovery Trail, 187
- American Foundation for the Blind (AFB)
 - Web site, 83, 356
- Americans with Disabilities Act (1990), 272–273

- amino acids, 359
 - amitriptylene, 87
 - amphetamine, 292
 - amputations, 95, 97–98, 142, 304
 - amyotrophy, 359
 - anaerobic exercise, 180–181, 188
 - androgens, 118
 - Anecdote icon, 6
 - anemia, 203
 - aneurysms, retinal, 76
 - anger, at diagnosis diagnosis, 12–13
 - angiography, 359
 - angioplasty, 92
 - angiotensin converting enzyme (ACE)
 - inhibitors, 76–78, 224
 - angiotensin II receptor blockers, 78
 - animals, diabetes in, 357
 - Animas (Web site), 353
 - ankle-brachial index (ABI), 95, 123, 143, 304
 - anorexia, 172–173
 - Antares Pharma (Web site), 354
 - antibodies, 34, 359
 - antidiuretic hormone, 22
 - antigens, 359
 - antipsychotics, 292–293
 - anxiety, 13, 16, 56
 - Aqua (restaurant), 319–323
 - Archives of Internal Medicine* (journal),
 - 156, 188, 199
 - artificial pancreas, 359
 - Asian Americans, 115
 - aspartame, 166, 291
 - aspirin, 59, 223–224, 263, 290
 - Association for the Accreditation of Human
 - Research, 289
 - atheromatous plaques, 96
 - atherosclerosis, 359
 - Atkins diet, 168–169
 - atorvastatin, 145, 282
 - attitude, positive, 302–303
 - autoimmune diseases, 34–35, 37, 42, 258
 - autoimmune thyroiditis, 258
 - automatic (autonomic) nerves, 88–89
 - Avandia, 354, 360
 - Aventis (Web site), 353, 354
 - Ayurvedic medicine, 291
 - azotemia, 73
- **B** ●
- B (beta) cells, 30, 34–35, 37, 47, 49, 360
 - background retinopathy, 81, 360
 - Bayer Healthcare LLC
 - blood glucose meters, 130
 - Indigent Patient program, 225
 - Web site, 353
 - Becton, Dickinson and Company
 - lancets, 126
 - Web site, 354
 - bent-over rowing (exercise), 190–191
 - beta blockers, 223, 263
 - beta cells, 30, 34–35, 37, 47, 49, 360
 - biceps curl (exercise), 189
 - Bioject Medical Technologies, Inc.
 - (Web site), 354
 - BioSafe A1c Hemoglobin Test Kit (BioSafe),
 - 139
 - bladder disorders, 88, 106, 266
 - blanket ban, employment, 271
 - Blind Net (Web site), 83
 - blindness, 82–83
 - Blindness Resource Center (Web site),
 - 82, 356
 - blood fats, 75, 77, 91–92
 - blood glucose
 - control and diabetic nephropathy, 76
 - determinants of level, 305–306
 - exercise effect on, 58–59
 - glycated products, 71
 - glycemic index of carbohydrates, effect
 - of, 156–158
 - in hyperosmolar syndrome, 54–62
 - insulin effect on, 30–31
 - in prediabetes, 19–21
 - testing for diabetes, 27
 - in type 1 diabetes, 33

- blood glucose meter
 - Abbott Laboratories, 129–130
 - Accu-Chek meters, 132
 - Bayer Healthcare LLC, 130
 - choosing, 128–129
 - downloading results from, 128
 - graphic presentation of data, 134–136
 - LifeScan, 131
 - noninvasive meters, 132–133
 - One Touch meters, 131
 - Precision meters, 130
 - Roche Diagnostics, 131–132
 - suppliers, 352–353
 - blood glucose monitoring
 - in children, 249–250
 - frequency of testing, 125–126
 - in gestational diabetes, 112–113
 - meters, 128–134
 - in pregnancy, 125
 - tips for testing, 127
 - variation in results, 124
 - when to test, 123, 125–126
 - blood pressure. *See also* hypertension
 - eye disease association, 79–83
 - heart disease and, 91–94
 - hyperosmolar syndrome, 65–68
 - kidney disease and, 73–78
 - meaning of, 148
 - measuring, 146–147
 - rise in weight lifting, 188
 - smoking and, 96
 - testing, 146–147
 - blood urea nitrogen (BUN), 75, 360
 - body mass index (BMI), 43, 147–148, 360
 - Border Grill Restaurant, 324–327
 - borderline diabetes, 306, 360
 - bracelet, medical alert, 57
 - Breastfeeding For Dummies* (Perkins and Vannai), 115
 - breathing, Kussmaul, 63
 - Bristol-Myers Squibb (Web site), 354
 - brittle diabetes, 89
 - bulimia, 172–173
 - BUN (blood urea nitrogen), 75, 360
 - bypass surgery, 92
- C •
- CAD (coronary artery disease)
 - aspirin and, 223
 - description of, 91–92
 - estrogen and, 116
 - fat and, 144
 - metabolic syndrome and, 92–94
 - calcium channel blockers, 223
 - calories
 - from alcohol, 164–165
 - from carbohydrate, 155–156
 - from fat, 160–162
 - intake during pregnancy, 114
 - from protein, 159–160
 - total, 152–162
 - very low calorie diets, 168
 - Canadian Diabetes Association (Web site), 352
 - cancer, 47
 - capitated payment, 274
 - capsacin, 87
 - carbohydrate counting, 213, 360
 - carbohydrates
 - description, 155–156
 - exercise and, 180
 - fiber, 158
 - glycemic index, 156–158
 - intake, 113, 220, 240
 - in pregnancy, 109–110
 - cardiomyopathy, 94
 - casual plasma glucose, 22
 - cataracts, 80, 360
 - CDE (Certified Diabetes Educator), 232
 - Centers for Disease Control (Web site), 355
 - cerebrovascular disease (CVD), 96–97
 - Certified Diabetes Educator (CDE), 232
 - Charcot's Joint, 86, 360
 - Charlie Trotter's (restaurant), 327–329
 - children with diabetes
 - adolescents, 253–254
 - becoming an educated caregiver, 247–248
 - college-age, 254–255
 - frequency of, 245, 248

- children with diabetes (*continued*)
 - honeymoon period, 243, 247, 249
 - infants, 246
 - obesity and, 255–257, 256
 - preschoolers, 246–247
 - primary school children, 248–253
 - school issues, 250–251
 - sick day solutions, 257–258
 - team care, value of, 259
 - thyroid disease, 258
 - type 2 diabetes, 251, 253
 - young adults, 254
- Children with Diabetes (Web site), 259, 351, 358
- Chlorpropamide, 197
- cholesterol
 - definition, 360
 - heart disease and, 91–94
 - kidney disease and, 73–78
 - metformin effect on, 198–200
 - peripheral vascular disease and, 95–96
 - tracking, 143–146
- chromium, 289
- chromosomes, 34, 81
- chylomicrons, 144
- cinnamon, 290
- clozapine, 292
- COBRA (Consolidated Omnibus Budget Reconciliation Act), 276
- cocaine, 291–292
- cognitive screening tests, 262
- cold virus, 35
- coma, 57, 66–67
- compliance, 302
- complications, long-term. *See also specific conditions*
 - cerebrovascular disease, 96–97
 - common characteristics, 69–70
 - eye disease, 79–83
 - foot disease, 97–98
 - gum disease, 99–100
 - heart disease, 91–94
 - how they develop, 70
 - kidney disease, 70–78
 - neuropathy, 83–90
 - peripheral vascular disease, 95–96
 - skin disease, 98–99
- complications, short-term. *See also specific conditions*
 - hyperosmolar syndrome, 65–68
 - hypoglycemia, 54–62
 - ketoacidosis, 62–65
 - solving, 53–54
- Condy, Charles (restaurateur), 319
- confusion, 56, 307
- congenital malformations, 110–111, 114
- Consolidated Omnibus Budget Reconciliation Act (COBRA), 276
- continuous subcutaneous insulin infusion (CSII), 360
- Controlling Cholesterol For Dummies* (Rinzler and Graf), 222
- conventional diabetes treatment, 360
- convulsions, as hypoglycemia symptom, 57
- cookbook. *See* recipes
- cornstarch, 249
- coronary artery disease (CAD)
 - aspirin and, 223
 - description of, 91–92
 - estrogen and, 116
 - fat and, 144
 - metabolic syndrome and, 92–94
- corticosteroids, 223
- C-reactive protein, 92–93, 149
- creatinine, 361
- cross-training, 184
- CSII (continuous subcutaneous insulin infusion), 360
- Cushing's Syndrome, 49
- CVD (cerebrovascular disease), 96–97
- Cybermedicine: How Computing Empowers Doctors and Patients for Better Health Care* (Slack), 288
- cyclamate, 166
- cyclosporine, 223
- Cygnus, Inc. (GlucoWatch G2 Biographer), 133–134
- cytotoxic drugs, 37

• **D** •

- D cells, 30
- DANA Diabecare USA (Web site), 353
- dawn phenomenon, 361
- DCCT (Diabetes Control and Complications Trial), 38, 76, 283
- dealing with diabetes
- depression, 13–14, 16
 - quality of life maintenance, 15–18
 - reacting to diagnosis, 11–14
 - realizing you are not alone, 10–11
 - realizing your potential, 11
- dementia, 262
- denial, of diabetes diagnosis, 12
- depression, 13, 16
- dexamethasone, 48
- Diabetes Action Network (Web site), 357
- Diabetes Care* (journal)
- estrogen and diabetes, 116
 - quality of life, 15
- Diabetes Control and Complications Trial (DCCT), 38, 76, 283
- Diabetes Cookbook For Dummies* (Rubin), 232, 252, 314, 319
- Diabetes Education Act (1991), 250
- Diabetes Exercise and Sports Association, 183, 354
- Diabetes Forecast* (magazine), 222
- diabetes insipidus, 22
- diabetes mellitus, origin of term, 19
- Diabetes Monitor (Web site), 351
- Diabetes Technologies (AccuBase A1c Glycohemoglobin), 139
- diabetic blood vessel disease
- cerebrovascular disease, 96–97
 - peripheral vascular disease, 95–96
- Diabetic Care Services, feet examination, 143
- Diabetic Gourmet Magazine*, 358
- diabetic ketoacidosis. *See* ketoacidosis
- diabetic nephropathy. *See* kidney disease
- diabetic nerve disease, 76
- diabetic neuropathy. *See* neuropathy
- diabetic retinopathy. *See* retinopathy
- diabetologist, 229–230, 361
- Dialogue* magazine, 83
- dialysis, 70, 77–78, 361
- diarrhea, diabetic, 89
- diastolic blood pressure, 146, 148
- diet
- alcohol, 164–165
 - carbohydrates, 155–158
 - eating disorders, 172–173
 - in the elderly, 263–264
 - fats, 160–162
 - following, 240–241
 - ketoacidosis and, 62–65
 - minerals, 162–164
 - in pregnancy, 113–114
 - proteins, 159–160
 - role in hypoglycemia, 58
 - substitutions, 157
 - sugar substitutes, 165–166
 - total calories, 152–155
 - for type 1 diabetes, 166–167
 - for type 2 diabetes, 167–168
 - vitamins, 162–164
 - water, 164
 - for weight reduction, 168–170
- dietitian, 231–232, 259
- diets
- that don't work, 294–295
 - very low calorie, 168
 - for weight loss, 168–170
- digestive enzymes, 30
- diphenylhydantoin, 223
- discrimination, 269, 273
- distal polyneuropathy, 85–87
- diuretics, 78
- doctors
- diabetologist, 229–230, 361
 - endocrinologist, 229–230, 361
 - ophthalmologist, 230, 264
 - pediatrician, 259
 - podiatrist, 230–231, 365
 - primary physician, 228–229

driving
 employment bans, 271–272
 license, 54
 drowsiness, in ketoacidosis, 63
 drugs. *See also* medications; *specific drugs*
 avoiding illegal, 291–292
 as diabetes cause, 58
 discoveries, 279–281
 interactions, 223–224
 Duet Glucose Control Monitoring System,
 140
 Dymelor, 197

● E ●

eating
 behavior, 171–172
 disorders, 172–183, 174
 ED (erectile dysfunction)
 causes of, 102–103
 definition, 101
 treatment, 103–105
 edema, 76
 educator, diabetes, 232, 240,
 242, 259, 314–315
 EEOC (Equal Employment Opportunity
 Commission), 273
 ejaculation, 102
 elderly, diabetes in the
 diagnosis, 261–262
 diet, 263–264
 elderly defined, 261
 eye problems, 266
 heart disease and, 262–263
 hypoglycemia, 264
 intellectual function evaluation, 262
 Medicare, 268
 medication use, 264–266
 sexual problems, 266–267
 treatment approaches, 267–268
 urinary problems, 266–267
 Eli Lilly and Company (Web site),
 225, 353, 354

employment
 blanket bans, 271
 discrimination, 269, 273
 insurance coverage and, 277
 workplace law, 272–273
 end stage renal disease, 75
 endocrinologist, 229–230, 361
 epinephrine, 49
 Equal Employment Opportunity
 Commission (EEOC), 273
 erectile dysfunction (ED)
 causes of, 102–103
 definition, 101
 treatment, 103–105
 essential fatty acids, 161
 estrogens, 116
 ethanol, 224
 euglycemia, 361
 exchange plan, 361
 exercise
 aerobic, 180–182, 188
 amount, 180–182
 anaerobic, 180–181, 188
 benefits of, 178
 calories burned, 184–185
 checking with doctor prior to, 178
 checking value of, 181
 choice of activity, 183–186
 cross-training, 184
 heart rate, 181
 importance of, 15, 176
 moderate, 182
 myths about diabetes and, 308–309
 partner, 312–313
 Perceived Exertion Scale, 181
 quality of life and, 14–17
 role in hypoglycemia, 56
 stretching, 182
 taking charge of health, 176–177
 timing of, 182
 with type 1 diabetes, 179–180
 with type 2 diabetes, 180
 walking, 186–188
 weight reduction and, 168
 weight training, 186–189

eye
 anatomy and function, 79–80
 care, importance of, 304
 doctor, 218, 290, 363
 examination, 123, 142, 239

eye disease
 cataracts, 79–80, 266
 description, 79
 in the elderly, 266
 glaucoma, 79–80, 266
 kidney disease and, 75
 pupil abnormalities, 89
 resources for the blind and visually impaired, 82–83
 retinopathy, 80–82, 266

● **F** ●

FAA (Federal Aviation Administration), 272

family support, 17, 233–234

famous people with diabetes, 10–11

fasting hyperglycemia, 200

fasting lipid panel, 144

fasting plasma glucose (FPG), 22

fasts, 169

fat, body
 central distribution of, 44–45
 exercise effect on, 183

Fat Burner, 290

fat, dietary
 calories from, 162
 forms of, 160–161
 intake during pregnancy, 114
 in protein sources, 159–160
 recommended amount, 160

fatigue
 cause of, 177
 as diabetes symptom, 24
 as hypoglycemia symptom, 56
 in ketoacidosis, 63
 in type 2 diabetes, 39

Federal Aviation Administration (FAA), 272

Federal Bureau of Investigation (FBI), 271

Federal Rehabilitation Act (1973), 273

felinediabetes.com (Web site), 357

female sexual problems, 105–107

Feniger, Susan, 324

fertility enhancement, 203

fiber, 158, 361

fibric acid derivatives, 224

Field of Greens: New Vegetarian Recipes from the Celebrated Greens Restaurant (Somerville), 337

fish oil, 161

Fitness For Dummies (Schlosberg), 182

FlexSite (A1c at Home), 139

fluids, for hyperosmolar syndrome
 treatment, 67–68

flys (exercise), 192–193

food. *See also* diet; recipes
 intake during pregnancy, 113
 partner, help from, 313–314

Food and Wine (magazine), 330

foot
 disease, 97–98
 doctors, 313
 examination of, 142–143
 importance of care, 303–304, 310

FPG (fasting plasma glucose), 22

friends, help from, 242

Fringale (restaurant), 330–333

fructosamine, 139–140

fructose, 165, 361

fungal infections, 99

● **G** ●

gabapentin, 87

gallstones, 89

gastric banding, 170–171

gastric bypass, 170

gastroparesis, 361

Gaylord India Restaurant, 334–336

genetic influence on diabetes, 309

Georgetown University Health Policy Institute, 275

gestational diabetes
 description, 47, 361
 diagnosing, 108–110
 frequency of, 47
 GFR (glomerular filtration rate), 72
 glaucoma, 80
 GlaxoSmithKline (Web site), 354
 glimepiride, 198
 glipizide, 198
 glitazones, 93, 202–204
 glomerular basement membrane, 72
 glomerular filtration rate (GFR), 72
 glomeruli, 72, 78
 glucagon
 definition, 12, 361
 exercise effect on, 177
 for hypoglycemia treatment, 61–62
 production by the pancreas, 30
 Glucagon for Emergencies (kit), 61–62
 glucagon-like peptide-1 (GLP-1), 205
 Glucagon Secreting Tumor of the
 Pancreas, 49
 Glucophage, 354, 362
 glucose
 definition, 155, 362
 diabetes symptoms and, 24–25
 intravenous, 60
 metabolism by Polyol Pathway, 71
 role in the body, 21–22
 for treatment of hypoglycemia, 60–62
 glucose intolerance, 48, 49
 glucose tablets, 57, 61
 glucose tolerance, 49, 109, 115
 GlucoWatch G2 Biographer (Cygnus, Inc.),
 133–134
 glyburide, 198
 glycated products, 71
 glycemic index, 156–158, 158, 362
 glycemic load, 158
 glycogen, 23, 31, 362
 glycohemoglobin, 137, 138
 glycosuria, 362
 Glyset, 201, 362
 goiters, 164

golf, 183, 185
 good morning (exercise), 190, 192
 Goodman, Joel (The HUMOR Project), 310
Gourmet Cooking For Dummies (Trotter),
 327
Gourmet Magazine, 341
 government Web sites, 355–356
 Graf, Martin W., 222
 Greens (restaurant), 336–340
 growth hormone, 49
 Guidedogs for the Blind, 83
 gum disease, 99–100, 155
 Gymnema silvestre, 291

• H •

Harbor Village (restaurant), 341–344
 HDL (high density lipoprotein), 144, 362
 headache, as hypoglycemia symptom, 56
 Health Care Financing Administration, 268
 health insurance, 275–277, 309
 Health Maintenance Organization (HMO),
 274
 Health on the Net Foundation, 235–236
 Healthfinder (Web site), 355
 heart attack, 45, 82, 91–93, 145, 262–263
 heart disease
 autonomic neuropathy, 88–89
 cardiomyopathy, 94
 in the elderly, 262–263
 metabolic syndrome, 92–94
 in type 2 diabetes, 40
 heart rate
 in cardiac autonomic neuropathy, 89
 exercise and, 181
 rapid as hypoglycemia symptom, 56
 hemochromatosis, 48
 hemodialysis, 77
 hemoglobin A1c
 correlation with blood glucose, 138
 definition, 137, 362
 diagnosing diabetes in the elderly,
 261–262
 formation of, 71

- frequency of testing, 125
 goal for, 264
 home testing, 129
 how it works, 138
 as indicator of miscarriage risk, 111
 lowering with oral agents, 201
 reduction with careful diet, 151–152
 reduction by exercise, 176
 testing schedule, 122–124
 value of test, 129
- hemorrhages, retinal, 81–82
 hepatic glucose output, 41
 heroin, 291, 292
High Blood Pressure For Dummies (Rubin), 222
 high density lipoprotein (HDL), 144, 362
 Hirigoyen, Gerald (restaurateur/chef), 330
 history of diabetes treatment, 25–27
 HMO (Health Maintenance Organization), 274
 Home Diagnostics, Inc. (Web site), 353
 honeymoon period, 249, 362
 hormones, change and hypoglycemia, 55
 Humalog insulin. *See* lispro insulin
 humor, sense of, 310
 hunger
 - as hypoglycemia symptom, 56
 - in type 1 diabetes, 32
- hydrochlorothiazide, 48
 hydrocortisone, 48, 49
 hyperbillrubinemia, 117
 hypercholesterolemia, 95
 hyperglycemia, 362
 hyperinsulinemia, 362
 hyperlipidemia, 362
 hyperosmolar syndrome, 42, 65–68, 362
 hypertension
 - ACE inhibitors for, 78
 - epidemic of, 146
 - heart disease and, 91
 - kidney disease and, 75, 76
 - measuring blood pressure, 146
 - in metabolic syndrome, 92
 - in pregnancy, 108
- hyperthyroidism, 49, 258
 hypnosis, 294
 hypoglycemia
 - as barrier to treatment, 55
 - causes, 57–59
 - in children, 247, 249–250
 - definition, 31, 53, 54, 362
 - frequency of, 55
 - myths concerning, 307
 - prevention, 60
 - symptoms of, 55–57
 - treatment, 60–62
- hypoglycemia, causes of
 - diet, 58
 - exercise, 58
 - hormonal changes, 59
 - insulin, 58
 - non-diabetic medications, 59
 - sulfonylurea medications, 58
- hypoglycemia unawareness, 59
 hypothyroidism, 258
- **I** ●
- ibuprofen, 87
 icons, used in book, 6
 identification, medical, 57
 Il Fornaio (restaurant), 344–348
 imipramine, 87
 impaired glucose tolerance (IGT), 41, 362
 implanted penile prostheses, 105
 impotence, 102, 308, 362. *See also* erectile dysfunction (ED)
 incontinence, 262, 266
 infants, diabetes in, 246
 infection
 - as cause of ketoacidosis, 62, 64
 - in type 2 diabetes, 39–40
- influenza, 222
 Institute of Medicine, 182
 insulin
 - adjusting when traveling, 215–216
 - as builder hormone, 23, 24
 - definition, 23, 363

- insulin (*continued*)
 - elderly population and, 265–266
 - forms of, 209–210
 - hypoglycemia from, 57–58
 - intensive treatment, 214–215
 - for ketoacidosis treatment, 64
 - myths about use of, 307–308
 - oral agents combined with, 211
 - for prevention of diabetes
 - development, 37
 - quality of life, impact of treatment on, 17
 - reaction, 363
 - requirements in pregnancy, 107–108
 - storage and handling, 211
 - strength, 209
 - suppliers, 353–354
 - use in pregnancy, 107–108
- insulin aspart, 209
- insulin delivery
 - aids, 221–222
 - with a jet injection device, 217–218
 - with a pen, 216–217
 - pump, 218–221, 353, 363
 - with a syringe and needle, 212–214
- insulin-dependent diabetes, 32. *See also*
 - type 1 diabetes
- insulin glargine, 363
- insulin hypertrophy, of skin, 99
- insulin pump, 218–221, 353, 363
- insulin resistance
 - definition, 363
 - syndrome description, 92
 - in type 2 diabetes, 41
- insulin sensitivity, 46
- insurance
 - health, 275–277, 309
 - life, 278, 309
 - long-term care, 277–278
 - myths about diabetes, 309
- intellectual function, evaluation of, 262
- intensive diabetes treatment, 363
- International Diabetes Federation (Web site), 352
- International Journal of Obesity*, 152–153
- Internet resources
 - Abbott Laboratories, 353
 - Activa Brand Products, 354
 - Alan L. Rubin, 349
 - American Diabetes Association (ADA), 250, 350, 358
 - American Discovery Trail, 187
 - American Foundation for the Blind (AFB), 83, 356
 - animals with diabetes, 357
 - Blind Net, 83
 - Blindness Resource Center, 82, 356
 - Canadian Diabetes Association, 352
 - Children with Diabetes, 259, 351
 - Diabetes Exercise and Sports Association, 183
 - Diabetes Monitor, 351
 - diabetes products, 352–354
 - Dialogue* magazine, 83
 - diet and weight loss, 234–235
 - exercise programs, 235
 - exercise and sports associations, 354
 - foreign language information, 356
 - Georgetown University Health Policy Institute, 275
 - glucose meters, 352–353
 - government, 355–356
 - Guidedogs for the Blind, 83
 - Il Fornaio (restaurant), 345
 - insulin, 353
 - insulin jet injection devices, 354
 - insulin pumps, 353
 - insulin syringes, 354
 - International Diabetes Federation, 352
 - Joslin Diabetes Center, 351
 - Juvenile Diabetes Research Foundation, 351
 - lancing devices, 353
 - Medicalert Foundation, 57
 - Medscape Diabetes and Endocrinology Home Page, 351

National Diabetes Education Initiative, 350
 National Diabetes Education Program, 350
 National Eating Disorders Association, 174
 New York Institute for Special Education, 83
 New York Online Access to Health, 352
 oral medications, 354
 overview, 234
 President's Challenge, 187
 recipes, 357–358
 reputable, 235–236
 Rick Mendosa, 350
 Transportation Security Administration (TSA), 270
 visually impaired sites, 356–357
 interstitial fluid, 133
 intestinal abnormalities, 89
 intravenous pyelogram (IVP), 77
 iodine, 164
 iron, 48, 163
 islet cell antibodies, 34
 islet cells, 363. *See also* A (alpha) cells; B (beta) cells
 Islets of Langerhans, 30
 isosorbide dinitrate, 87
 IVP (intravenous pyelogram), 77

• J •

Jargon Alert icon, 6
 Jenny Craig (weight-loss system), 169
 jet injection device, 217–218
 Joslin Diabetes Center (Web site), 351, 358
Journal of the American Medical Association, 169, 281
 juvenile diabetes mellitus, 363. *See also* type 1 diabetes
 Juvenile Diabetes Research Foundation (JDRF), 351

• K •

Kaler, Santok (chef), 334
 kcalories (kilocalories), 154
 ketoacidosis, 33, 62–65, 361
 ketones
 definition, 111, 149
 link to congenital malformations, 111
 monitoring in pregnancy, 112–113
 testing for, 149
 urine (ketonuria), 247, 251, 363
 kidney disease. *See also* nephropathy
 description, 69–72
 early indications of, 73–74
 prevention, 72–73
 treatment, 76–78
 urinary tract infections and, 77
 kidney, progressive changes, 75–76
 kidney transplant, 78
 kilocalories, 154
 Kimmelstiel-Wilson nodules, 75
 Ki-Sweet, 291
 Kussmaul breathing, 63

• L •

lactic acidosis, 199
 lancet, 126–127, 353, 363
Lancet, The, 282
 Lantus, 363
 laser treatment, 363
 lateral raise (exercise), 190–191
 law, workplace, 272–273
 lazy left colon, 117
 LDL (low density lipoprotein), 144, 363
 learning, lifelong, 301–302
 leg cramps, in hyperosmolar syndrome, 66
 lente insulin, 210, 363
 libido, 266
 life insurance, 278, 309
 LifeScan
 One Touch blood glucose meters, 131
 Web site, 353

light touch testing, for neuropathy, 85
 lipid panel, 123, 144
 lipoatrophy, 363
 lipohypertrophy, 363
 lipoproteins, 143–144
 lispro insulin, 209, 362, 363
 liver, release of glucose from, 31
 long-term care insurance, 277–278
 Lorda, J. B. (restaurateur), 330
 low density lipoprotein (LDL), 144, 363
 lubricants, 106

● M ●

macroalbuminuria, 74
 macrosomia, 110, 112, 364
 macrovascular disease, 176, 364
 macula, 79
 macular degeneration, 266
 macular edema, 81
 magnesium, 93, 117, 163
 mannitol, 165
 marijuana, 291–292
 MedFetch (Web site), 356
 medical care
 capitation method, 274
 fee-for-service method, 274
 medical care providers
 diabetes educator, 232
 diabetologist/endocrinologist, 229–230
 dietitian, 231–232
 family and friends, 233–234
 Internet, 234–236
 mental health worker, 233
 ophthalmologist/optometrist, 230
 pharmacist, 232–233
 podiatrist, 230–231
 primary physician, 228–229
 medical nutrition therapy, 264
 medical underwriting, 275
 Medicalert Foundation, 57
 Medicare, 264, 268, 276, 277
 medications. *See also specific agents*
 compliance, 302
 drug interactions, 223–224
 insulin, 209–222
 knowledge concerning, 239–240
 oral agents, 196–207
 pharmacist help with, 316
 suppliers, 354
 that don't work, 288–291
 use in the elderly, 264–266
 Medi-Jector Vision jet injection devices, 218
 Medscape Diabetes and Endocrinology Home Page (Web site), 351
 Medtronic MiniMed Paradigm 512, 221
 Web site, 353
 meglitinides, 204–205
 Mendosa, Rick (Web site creator), 350
 menopause, 106, 116
 menstrual function, 105–106, 117
 mental health worker, 233, 259
 mesangial tissue, 75
 metabolic syndrome, 19–20, 92–94, 364
 metformin, 46, 198–200, 265
 metoclopramide, 89
 Metrika, Inc. (A1c Now), 139
 Mexican Americans
 diabetic kidney disease in, 73
 diabetic retinopathy in, 81
 gestational diabetes in, 115
Mexican Cooking For Dummies (Milliken and Feniger), 324
 microalbuminuria, 73, 74, 92, 141, 364
 microvascular complications, 364
 Miglitol, 201
 milk, 36, 61
 Milliken, Mary Sue, 324
 Mina, Michael (chef), 319–320
 minerals, 163–164
 minoxidil, 223
 miscarriage, 111

mononeuropathy, 88
 monounsaturated fat, 364
 morbid obesity, 44
 morbidity rate, 364
 mortality rate, 364
 multiculturalhealth.org (Web site), 356
 muscular endurance, exercise for, 184

• N •

nateglinide, 205, 265
 National Diabetes Education Initiative (Web site), 350
 National Diabetes Education Program (Web site), 350
 National Eating Disorders Association, 174
 National Federation of the Blind (Web site), 357
 National Institute of Diabetes and Digestive and Kidney Disease (Web site), 355
 National Library of Medicine (Web site), 355, 356
 National Weight Control Registry (NWCR), 169–170
 Native Americans
 diabetic kidney disease in, 73
 gestational diabetes in, 109
 nausea, in ketoacidosis, 63
 NCV (nerve conduction velocity), 84
 necrobiosis lipoidica, 99
 needle guides, 222
 neotame, 166
 neovascularization, 364
 nephropathy, 70, 364. *See also* kidney disease
 exercise and, 178
 in pregnancy, 108
 nerve conduction velocity (NCV), 84
 neuroarthropathy, 86
 neurogenic bladder, 77, 106
 neuroglycopenic symptoms, of
 hypoglycemia, 56
 neuropathic ulcer, 364

neuropathy
 description, 83–85
 diffuse and focal, 65
 disorders of automatic nerves, 88–89
 disorders of movement, 88
 disorders of sensation, 85–88
 exercise and, 185–186
 eye disease and, 80
 kidney disease and, 76
 risk factors, 84
New England Journal of Medicine, 15, 46, 74, 145, 171, 222, 280, 283
 New York Institute For Special Education, 83
 New York Online Access to Health (NOAH), 352, 358
 niacin, 224
 nicotinamide, 37
 nicotinic acid, 224
 no fat, in diet, 295
 noninsulin dependent diabetes, 38, 364.
 See also type 2 diabetes
 Novo Nordisk, 225, 353
 NPH insulin, 364
 numbness, in type 2 diabetes, 40
Nutrition For Dummies (Rinzler), 114
 NWCR (National Weight Control Registry), 169–170

• O •

obesity
 body mass index (BMI), 43, 148
 in children, 255–257
 defined, 26
 as diabetes risk factors, 26
 factors affecting, 152–153
 heart disease and, 91
 incidence of, 152–153
 morbid, 44
 peripheral vascular disease and, 95–96
 in pregnancy, 115
 surgery for, 170–171
 type 2 diabetes and, 39–42, 106

- olanzapine, 292
 - One Touch blood glucose meters (LifeScan), 131
 - ophthalmologist, 230, 364
 - optic nerve, 79, 80
 - optometrist, 230
 - oral agents. *See also specific agents*
 - alpha-glucosidase inhibitors, 201–202
 - combining agents, 206–207
 - meglitinides, 204–205
 - metformin, 198–200
 - sulfonylureas, 196–198
 - thiazolidinediones, 202–204
 - oral contraceptives, 224
 - Oral Glucose Tolerance Test, 22
 - orange juice, for hypoglycemia treatment, 61
 - orgasm, 102
 - Ortho-McNeil (Regranex Gel), 98
 - ovaries, polycystic, 117–118
 - Owen Mumford (Web site), 353
- p ●**
- pallor, as hypoglycemia symptom, 56
 - pancreas
 - anatomy and function, 30
 - artificial, 359
 - definition, 365
 - insulin, 30–31
 - removal of, 47–48
 - pancreas formula, 290
 - papaverine, 104
 - parasympathetic nervous system, 102
 - patient stories, 27–28
 - PCOS (polycystic ovarian syndrome), 117–118
 - pediatrician, 259
 - pedometer, 186
 - pen, insulin, 216–217
 - penis, 104, 266
 - Perceived Exertion Scale, 181
 - periodontal disease, 365
 - peripheral neuropathy, 365
 - peripheral vascular disease (PVD), 95–96
 - peritoneal dialysis, 77–78
 - Perkins, Sharon, 115
 - petdiabetes.org (Web site), 357
 - Pfizer Inc.
 - Prescription Assistance program, 225
 - Web site, 354
 - pharmacist, 232–233, 316
 - phenformin, 199
 - phenothiazines, 224
 - phentolamine, 104
 - pheochromocytoma, 49
 - pilot's license, 54, 272
 - pioglitazone, 203–204, 206–207, 365
 - plasma glucose, 127
 - plasminogen activator inhibitor-1, 93
 - platelets, 96
 - pneumonia, 223
 - podiatrist, 230–231, 365
 - polycystic ovarian syndrome (PCOS), 117–118
 - polycythemia, 117
 - polydipsia, 365
 - Polyol Pathway, 71
 - polyradiculopathy-diabetic amyotrophy, 87
 - polyunsaturated fat, 365
 - polyuria, 365
 - positive thinking, 238
 - postprandial, 365
 - potassium
 - effect of ACE inhibitors on, 78
 - in hyperosmolar syndrome, 66, 68
 - loss with ketoacidosis, 63–64
 - pramlintide, 208
 - Prandin, 204–205, 365
 - Precision blood glucose meters (Abbott Laboratories), 130
 - prediabetes, 19–21
 - prednisone, 37, 48
 - pregestational diabetes, 47, 107
 - pregnancy
 - baby's health, 116–117
 - body's reaction to, 107–108

congenital malformations, 110–111, 114
 delivery, 115
 gestational diabetes, 108–110
 health maintenance after, 115–116
 insulin use, 107–108
 macrosomia, 110–112, 114–116, 364
 miscarriage, 111
 pregestational diabetes, 47, 111–112, 114
 proactive measures, 108
 testing for fetal defects, 114
 treatment of diabetes during, 112–115
 preschoolers, diabetes in, 246–248
 President's Challenge, 187
 prevention, 36–38, 43–45, 60, 237–238,
 299–304
 priapism, 104
 primary hyperaldosteronism, 49
 progesterone, 116
 prolactin, 49, 102
 Prolactin Secreting Tumor of the Pituitary
 Gland, 49
 proliferative retinopathy, 81, 365
 propranolol, 78
 prostheses, 105
 protease inhibitors, 293
 protein, 159–160, 365. *See also* albumin
 choice of sources, 159–160
 definition, 365
 intake during pregnancy, 113
 proteinuria, 365
 psychiatrist, 233
 psychogenic impotence, 102
 psychologist, 233
 puberty, 254
 pullovers (exercise), 192–193
 pump, insulin, 218–221, 353, 363
 pupil abnormalities, 89
 PVD (peripheral vascular disease), 95–96

• Q •

quality of life, 15–18
 quetiapine (Seroquel), 293

• R •

radiculopathy-nerve root involvement,
 87–88
 reacting to diabetes diagnosis
 anger, 12–13
 bargaining for more time, 13
 denial, 12
 moving on, 14
 receptors, 365
 recipes
 Baked Apples, 326–327
 Bavarese Bianca Con Frutta (White
 Gelatin with Fruit), 348
 Chicken Soup with Watercress and Tofu,
 342
 Chicken Tikka Kabab (Barbecued Chicken
 Kebab), 335
 Cinnamon-Brandy Chicken, 324–325
 Green Rice Pilaf, 325
 Grilled Swordfish with Worcestershire
 Vinaigrette and Roasted Vegetables,
 322
 internet resources, 357–358
 Lemon Braised Sea Bass with Star Anise
 and Baby Spinach, 333
 Maniche Al Pollo (Elbow Pasta with
 Chicken), 346
 Marinated Chicken in Red Wine with
 Braising Greens, Parsnips, and
 Cippolini Onions, 330–331
 Marinated Grilled Duck Breast, 321
 Miso Marinated Sea Bass, 323
 Onion Pie with Roquefort and Walnuts,
 332
 Red Roasted Root Vegetables, 326
 Rhubarb-Strawberry Cobbler, 340
 Risotto Ai Vegetali (Italian Rice with
 Vegetables), 347
 Romaine Hearts with Sourdough
 Croutons and Parmesan Cheese, 337
 Saag (spinach), 336
 Scallopine Al Funghi (Veal with
 Mushrooms), 345

recipes (*continued*)

Scallops with Barley, Wild Mushroom Ragout, and Chicken Stock reduction, 328

Seekh Kabab (Barbecued Lamb on Skewer), 334–335

Shiitake Mushrooms with Baby Bok Choy, 343

Steamed Rock Cod, 344

Steamed Whitefish with Haricotes Verts and Potato-Apple-Celery Puree, 329

Summer Minestrone, 338

Sweet Pepper and Basil Frittata, 339

Warm Asparagus and Morel Salad, 320–321

Regranex Gel (Ortho-McNeil), 98

regular insulin, 365

Rehabilitation Act (1973), 250

Remember icon, 6

repaglinide, 204–205

resources. *See* Internet resources

respiratory distress syndrome, 117

restaurants

- Aqua, 319–323
- Border Grill, 324–327
- Charlie Trotter's, 327–329
- Fringale, 330–333
- Gaylord India Restaurant, 334–336
- Greens, 336–340
- Harbor Village, 341–344
- Il Fornaio, 344–348

retina, 365

retinal aneurysms, 81

retinal detachment, 81, 82

retinal hemorrhages, 81

retinopathy. *See also* eye disease

- associated conditions, 81–82
- background, 81, 360
- definition, 365
- description, 80
- exercise and, 177
- in pregnancy, 107
- proliferative, 81, 365

reversing diabetes, 299–304

Rezulin, 202, 365

Rinzler, Carol Ann, *Controlling Cholesterol For Dummies*, 222

risperadone, 293

Roche Diagnostics

- Accu-Chek blood glucose meters, 131–132
- Web site, 353

rosiglitazone, 202–203

roughage, 158

Rubin, Alan L.

- Diabetes Cookbook For Dummies*, 232, 252, 314, 319
- High Blood Pressure For Dummies*, 222
- Thyroid For Dummies*, 258
- Type 1 Diabetes For Dummies*, 221, 245
- Web site, 349

● S ●

saccharin, 165

salicylates, 59, 224

salindac, 87

Sanofi-Aventis Patient Assistance program, 225

Sarti, Edmondo (chef), 345

saturated fat, 161, 366

Schlosberg, Suzanne, 182

school issues, 250–251

secondary diabetes, 366

Section 504 plan, 250–251

See Your Doctor icon, 6

seizures, 117

sensation, loss of, 85–88

sexual problems

- in the elderly, 266–267
- female, 105–107
- male, 101–105

sharps container, 127

shoulder press (exercise), 189–190

sick days, for children, 257–258

signs and symptoms, recognizing in children, 247

sildenafil (Viagra), 103–104

skin disease, 98–99

- Slack, Warner V., *Cybermedicine: How Computing Empowers Doctors and Patients for Better Health Care*, 288
- smoking and diabetes, 96, 263
- sodium, 66–68, 163
- SoftClix Lancet Device, 126
- somatostatin, 30, 49
- Somatostatin Secreting Tumor of the Pancreas, 49
- Somerville, Annie (chef), 336
- somogyi effect, 366
- sorbitol, 71, 165
- South Beach Diet, 169
- standards of care, 312
- Starlix, 205, 366
- starvation, 173
- statins, 77, 93, 282–283
- steroid drugs, 37
- stories, real patient, 27–28
- stress management, 17
- stretching, 182
- stroke, 94
- sucralose, 166
- sucrose, 21
- sugar substitutes, 165–166
- sulfonylureas. *See also specific drugs*
- acetohexamide, 197
 - characteristics of, 196
 - chlorpropamide, 197
 - definition, 366
 - discovery of, 27
 - first-generation, 196–197
 - glimepiride, 198
 - glipizide, 198
 - glyburide, 198
 - hypoglycemia from, 58
 - second-generation, 197–198
 - tolazamide, 197
 - tolbutamide, 196–197
- summer camp, diabetes, 259
- surgery, for weight loss, 170–171, 257
- sweating problems, 56, 89, 97
- sweeteners, 165–166
- sympathetic nervous system, 102
- symptoms
- diabetes, 24–25
 - hyperosmolar syndrome, 66
 - hypoglycemia, 55–57
 - ketoacidosis, 63
 - type 1 diabetes, 32–33
 - type 2 diabetes, 39–40
- synthetic, 366
- syringes
- air bubbles in, 212
 - markings, 212
 - size of, 211
 - suppliers, 354
- systolic blood pressure, 146, 148
- T •
- tadalafil, 104
- Tamales World Tour* (TV program), 324
- teenagers, with diabetes, 17, 253–254
- temperature testing, for neuropathy, 85
- testing. *See also* blood glucose monitoring;
- specific tests*
 - blood pressure, 146–147
 - C-reactive protein, 149
 - for diabetes, 22–23
 - for eye problems, 142
 - for fetal defects, 114
 - for foot problems, 142–143
 - hemoglobin A1c, 137–140
 - ketones, 149
 - weight and BMI, 148–149
- thiazide diuretics, 223
- thiazolidinediones, 93, 202–204
- thirst, 24
- 3 Fat Chicks on a Diet Web site, 358
- thyroid disease, 258
- Thyroid For Dummies* (Rubin), 258
- thyroid hormone, 224
- Tip icon, 6
- toddler, with diabetes, 246–247
- tolazamide, 197
- tolbutamide, 196–197
- trans fatty acid, 161

- transient ischemic attack (TIA), 96
- transplant, kidney, 78
- Transportation Security Administration (TSA), 269–270
- traveling, with diabetes, 269–271
- treatment. *See also specific agents; specific methods*
- history of, 25–27
 - that does not work, 287–295
- triglycerides
- definition of, 366
 - kidney disease and, 73–74, 77
 - in metabolic syndrome, 92
 - rise from dietary carbohydrates, 158
- troglitazone, 202
- Trotter, Charlie (chef), 327
- TSA (Transportation Security Administration), 269–270
- Two Hot Tamales* (TV program), 324
- type 1 diabetes
- age at diagnosis, 33
 - blood glucose monitoring, 127
 - causes, 34
 - description, 32–33
 - diet, 231
 - exercise with, 179–180
 - frequency of eye examinations in, 86
 - heart disease and, 91
 - hypoglycemia in, 57
 - ketoacidosis, 63
 - in pregnancy, 107–108
 - prevention, 36–38
 - in primary school children, 248–251
 - school issues, 250–251
 - type 2 symptoms compared, 251–252
- Type 1 Diabetes For Dummies* (Rubin), 221, 245
- type 2 diabetes
- blood glucose monitoring, 127
 - causes, 40–42
 - in children, 245, 248, 251–253
 - combining oral agents and insulin, 211
 - description, 38–39
 - diet, 231
 - exercise with, 180
 - eye examination in, 80
 - frequency of, 39
 - heart disease and, 92
 - hypoglycemia in, 57
 - ketoacidosis, 63
 - misconceptions of, 41–42
 - obesity and, 256–257
 - prevention, 43–45
 - symptoms, 39–40
 - testing, 125–126
 - type 1 symptoms compared, 251–252
- U •
- ulcer, foot, 83, 86, 98
- ultralente insulin, 366
- ultrasound, 114–115
- United Kingdom Prospective Diabetes Study, 147
- unsaturated fat, 161
- uremia, 75
- urethra, 102
- urinary problems
- in the elderly, 266–267
 - frequent urination, 24
 - urinary tract infections, 77, 88, 262
- urine
- albumin, 71, 73–74, 76, 78
 - glucose, 305
 - ketones, 247, 251, 363
- V •
- vaccinations, 36, 222–223
- vagina
- dryness, 105–107
 - infection, 25
- Vannais, Carol, 115
- vardenafil, 104
- Vegetarian Resource Group (Web site), 358
- vertical banded gastroplasty, 170
- Very Low Density Lipoprotein (VLDL), 144, 366

Viagra (sildenafil), 103–104
vibration testing, for neuropathy, 85
viruses, link to diabetes, 33–36
visceral fat, 44, 366
vision, blurred, in type 2 diabetes, 24
visual disorders, as hypoglycemia
 symptom, 56
vitamins, 162–163
vitiligo, 98
vitrectomy, 82, 366
vitreous body, 79
VLDL (Very Low Density Lipoprotein),
 144, 366
vomiting, in ketoacidosis, 63

• W •

Wai, Andy (chef), 341
walking, 186–188
Warning! icon, 6
water, 164
water pills, 78, 172–173
weakness
 in hyperosmolar syndrome, 66
 in ketoacidosis, 63
 in type 1 diabetes, 32
Web sites. *See also* Internet resources
 Abbott Laboratories, 353
 Activa Brand Products, 354
 Alan L. Rubin, 349
 American Diabetes Association (ADA),
 250, 350, 358
 American Discovery Trail, 187
 American Foundation for the Blind (AFB),
 83, 356
 Animas, 353
 Antares Pharma, 354
 Aventis, 353, 354
 Bayer Healthcare LLC, 353
 Becton, Dickinson and Company, 354
 Bioject Medical Technologies, Inc., 354
 Blind Net, 83
 Blindness Resource Center, 82, 356
 Bristol-Myers Squibb, 354

Canadian Diabetes Association, 352
Centers for Disease Control, 355
Children with diabetes, 259, 351
DANA Diabecare USA, 353
Diabetes Action Network, 357
Diabetes Exercise and Sports Association,
 183
Diabetes Monitor, 351
Dialogue magazine, 83
Eli Lilly and Company, 225, 353, 354
felinediabetes.com, 357
Georgetown University Health Policy
 Institute, 275
GlaxoSmithKline, 354
government, 355–356
Guidedogs for the Blind, 83
Healthfinder, 355
Home Diagnostics, Inc., 353
Il Fornaio (restaurant), 345
International Diabetes Federation, 352
Joslin Diabetes Center, 351, 358
LifeScan, 353
MedFetch, 356
Medicalert Foundation, 57
Medscape Diabetes and Endocrinology
 Home Page, 351
Medtronic MiniMed, 353
multiculturalhealth.org, 356
National Diabetes Education Initiative,
 350
National Diabetes Education Program,
 350
National Eating Disorders Association,
 174
National Federation of the Blind, 357
National Institute of Diabetes and
 Digestive and Kidney Disease, 355
National Library of Medicine, 355, 356
New York Institute For Special
 Education, 83
Owen Mumford, 353
petdiabetes.org, 357
Pfizer Inc., 354
President's Challenge, 187

Web sites (*continued*)

Roche Diagnostics, 353

3 Fat Chicks on a Diet, 358

Transportation Security Administration
(TSA), 270

Vegetarian Resource Group, 358

weight

body mass index (BMI), 43, 147–148, 360

checking, 147–148

loss, as diabetes symptom, 24, 32

in pregnancy, 115

weight reduction

behavior modification, 171–172

benefits of, 152

diets, 168–170

exercise and, 168

help from food partners, 313–314

surgery for, 170–171

weight training

benefits, 188

bent-over rowing, 190–191

biceps curl, 189

flies, 192–193

good morning, 190–191

lateral raise, 190

pullovers, 192–193

shoulder press, 189–190

weight lifting compared, 188

Weight Watchers, 169

• X •

xanthelasma, 99

xylitol, 165

• Y •

yeast infections, 40, 105

• Z •

ziprasidone, 293