

Index

- Abdominal Crunches (exercise)
 for ecto-apples, 103
 for ecto-pears, 76
 for endo-apples, 119
 for meso-apples, 110
- activities of daily living (ADLs), 166
- advertising, 16
- aerobic activity
 cardiovascular exercise for, 55
 defined, 209
 importance of, 34–35
 See also cardiovascular exercise
- after-burn, 56
- aging, body image and, 17–18
- Alternating Butt-Kickers (exercise), 127
- Alternating Side-to-Side Knees with
 Bow and Arrow Arms (exercise),
 127
- American Heart Association, 161, 178
- American Journal of Epidemiology*, 160
- amino acids, 164
- anabolic steroids, 64
- anaerobic activities, defined, 209
- anandamide, 153
- android (male-patterned) obesity, 41
- Ankle Circles (exercise), 134
- anorexia, 5–6, 19
- appearance, 200
 cardiovascular exercise and, 54–55
 male/female perception of, 19–20
 self-image and, 11–18, 198–199
- apple body types, 41, 44–45
 See also ecto-apples; endo-apples;
 meso-apples
- Ashtanga yoga, defined, 213
- Ball Squeezes (exercise)
 for ecto-apples, 99
 for endo-pears, 91
- “Barbie Body,” 12–14
- bare-minimum workout
 defined, 69
 for ecto-apples, 96
 for ecto-pears, 71
 for endo-apples, 113
 for endo-pears, 88
 for meso-apples, 105
 for meso-pears, 78, 79
 See also individual names of body types
- basal metabolic rate (BMR), 171–173
- beverages
 calories in, 176–177, 190–191
 for endos, 182
 See also water

- Bicep Curls (exercise)
 - for ecto-apples, 102
 - for ecto-pears, 75
 - for endo-apples, 117
 - for endo-pears, 93
 - for meso-apples, 109
 - for meso-pears, 83
- Bicycles (exercise)
 - for endo-apples, 118
 - for endo-pears, 95
 - for meso-apples, 110
 - for meso-pears, 86
- "Big Three," 163–164
- binge eating, 3, 152–156
 - disorders, 154
 - overindulgence after exercise, 146–147
- bioelectrical impedance analysis (BIA), 26
- blood flow
 - cool-down exercises and, 135–136
 - warm-up exercises and, 123
- blood pressure
 - cardiovascular exercise and, 55
 - defined, 209
- blood sugar, 150, 154
- bodybuilding, 64
- body fat
 - caloric equivalent to, 173–175
 - cellulite, 21–22
 - defined, 209
 - essential *vs.* storage, 20–21
 - lean *vs.* skinny, 28–29
 - in lower regions *vs.* abdomen, 42
 - measurement of, 23–27
 - need for, 22–23
- body frame size, weight and, 170–171
 - See also* body types
- body image, 19–20, 195–201
 - celebrities, fashion models and, 14–18, 40, 41, 199–200
 - self-hatred and, 11–18, 198–199
- body mass index (BMI), 27
- body types, 9
 - apples *vs.* pears, 41–46
 - "Barbie Body" and, 12–14
 - combination, 46
 - customizing workout plans for, 69–70
 - Fit + Female Body Type Questionnaire, 47–52
 - Somatype Theory, 39–41
 - See also* ecto-apples; ecto-pears; endo-apples; endo-pears; meso-apples; meso-pears
- bomb calorimeters, 175
- bras, for exercise, 203
- breastfeeding, 20
- bulimia, 3, 154
- "bulkiness," from training, 59, 63–66
- Butterfly (exercise), 139
- Calf Stretch on the Wall (exercise), 137
- calipers, 25–26, 170
- calories
 - in beverages, 176–177, 190–191
 - burning, for weight loss, 29, 56, 57, 173–175
 - defined, 175, 210
 - Harris Benedict equation and, 171–173
 - need for, 151
 - in popular foods, 147
 - weight gain from, 24
- carbohydrates, 163, 179–180, 186–187
 - complex, 163, 179–180, 186–187
 - defined, 209–210
 - glycogen and, 150
 - mood and, 153–154
- cardiovascular exercise, 34–35, 54
 - benefits from, 54–56
 - for ecto-apples, 96–97
 - for ecto-pears, 70–71
 - for endo-apples, 112–113
 - for endo-pears, 88
 - intensity of, 56–57, 61–63, 69, 122–123

- for meso-apples, 104–105
- for meso-pears, 78–79
- myths about, 56–60
- warm-up, cool-down for, 121, 135–136
- Cat/Cow (exercise), 138
- celebrities
 - body type examples, 40, 41
 - fashion models, 14–18
 - realistic expectations and, 199–200
- cellulite
 - compression *vs.* consistent feature, 21–22
 - defined, 210
- central nervous system, 55
- Chest Stretch on the Door (exercise), 137
- childbirth, 20
- children, self-image of, 17–18
- chocolate, 153
- circuit training, defined, 210
- “clean plate club,” 162
- clothing
 - average sizes of, 14, 15
 - for exercise, 123, 203–207
- commandments of weight loss
 - for ectos, 189–193
 - for endos, 175–182
 - for mesos, 182–187
 - See also* weight loss
- competitiveness, among women, 200–201
- complete protein, 164
- complex carbohydrates, 163, 179–180, 186–187. *See also* carbohydrates
- compression cellulite, 21–22
- conscious eating strategy, 157–158
- consistent feature cellulite, 21–22
- cool-down exercises
 - importance of, 135–136
 - individual exercises, 137–143
- Coopersmith, Gerilyn, 1–10
- Coopersmith, Jerry, 3, 6
- Coopersmith, Lee, 3, 6
- Corpse Pose (exercise), 141–142
- crash dieting, 29, 150. *See also* dieting
- cravings, 152–156, 166–167
- cross training
 - defined, 210
 - shoes for, 204
- Curl-Ups (exercise), for endo-pears, 95
- curves
 - body fat and, 20
 - pear body type and, 41
- dairy, 161
- Dancing Pony Back (exercise), 132
- dehydration, 150, 161. *See also* water
- densitometry, 25
- depression, 153–154
- diastolic blood pressure, defined, 209
- diet, 7, 143
 - activities of daily living (ADLs) and, 166
 - beverages, 176–177, 182, 190–191
 - “Big Three” classes of nutrients, 163–164
 - conscious eating for, 157–158
 - dieting *vs.* healthful eating, 156–157
 - food journals, 158–161
 - lifestyle changes to, 36
 - natural foods in, 164–166, 183–184
 - occasional treats, 155–156, 166–167
 - portion size and, 162–163
 - See also* dieting; eating plans; eating strategies
- diet industry, 12, 145, 201
- dieting, 145–146
 - average starting age for, 17
 - crash, 29
 - healthful eating *vs.*, 156–157
 - lean body tissue lost during, 29, 150, 173
 - traps of, 146–156
 - See also* diet

- Dips (exercise)
 - for ecto-apples, 101
 - for ecto-pears, 74
 - for endo-pears, 93
 - for meso-apples, 108
 - for meso-pears, 83
- Down and Neutral (exercise), 128
- dynamic stretching, 67
- “eating amnesia,” 176
- eating disorders, 3, 5–6, 19, 154
- eating plans, 169–170
 - for ectos, 189–193
 - for endos, 170–182
 - for mesos, 182–188
- See also diet; eating strategies
- eating strategies, 156–157
- “Big Three” (carbohydrates, fats, protein), 163–164
- conscious eating, 157–158
- food journals, 158–161
- indulgence, 166–167
- natural foods, 164–166
- physical activity, 166 (*See also* exercise)
- portion size, 162–163
- See also diet; eating plans; weight loss
- ecto-apples, 41, 44
 - eating plan for, 189–192
 - exercises for, 96–103
 - suggested meal choices for, 192–193
 - workout intensity for, 96
- ectomorphs, 39, 40
- ecto-pears, 41–42
 - eating plan for, 189–192
 - exercises for, 70–76
 - suggested meal choices for, 192–193
 - workout intensity for, 71
- elderly women, self-image of, 17–18
- electrolytes, 150
- endo-apples, 41, 44, 45
 - eating plan/commandments of weight loss for, 175–182
 - eating plan for, 170–175
 - exercises for, 112–120
 - suggested meal choices for, 181–182
 - workout intensity for, 113
- endomorphs, 39–40
- endo-pears, 41–43
 - eating plan/commandments of weight loss for, 175–182
 - eating plan for, 170–175
 - exercises for, 87–95
 - suggested meal choices for, 181–182
 - workout intensity for, 88
- endorphins, 60
- energy balance, 170. *See also* calories
- energy bars, defined, 210
- epidermis layer, cellulite and, 21–22
- Equinox Fitness, 9
- essential body fat, 20–21
- excessive post oxygen consumption (EPOC), 56
- exercise
 - accessories for, 206–207
 - activities of daily living (ADLs), 166
 - calories burned by, 29, 56, 57, 173–175
 - for cardiovascular, 54–63
 - clothing for, 123, 203–206
 - cool-down, importance of, 135–136
 - cool-down, individual exercises for, 137–143
 - daily routine of, 33–34
 - for ecto-apples, 98–103
 - for endo-apples, 114–120
 - for endo-pears, 89–95
 - enjoyment of, 5, 7, 9, 32–33, 60
 - for flexibility, 67–68
 - frequency of, 57–58 (*See also individual workout plans*)
 - intensity of, 56–57, 61–63, 122–123

- intensity of, for individual body types, 69, 71, 78, 79, 88, 96, 105, 113
- journals for, 158–161
- for meso-apples, 106–111
- for meso-pears, 80–86
- for muscular fitness, 63–66
- myths about, 56–60, 63–66, 67
- overindulged eating after, 146–147
- realistic expectations of, 38
- specificity in, 68
- warm-up, importance of, 121–124
- warm-up, individual exercises for, 125–134
- workout customization, 53–54
- See also* cardiovascular exercise; flexibility training; muscular fitness; *individual names of body types*
- exertion. *See* target zone, for exercise
- fashion models, 14–18
- fat
- defined, 210
 - in diet, 161, 162, 163
 - requirements, 177–178
- “fat-burning zone,” on exercise machines, 56–57
- FEMALES (Seven Keys to fitness), 32–38
- fiber, 160, 179
- Figure-Four Stretch (exercise), 141
- Fine Living Channel, 9
- fit appearance, 200
- Fit + Female Body Type Questionnaire, 47–52
- fitness programs. *See* exercise
- flexibility training, 67–68
- cool-down and, 136–137
 - warm-up exercise and range of movement, 123–124
- Flys (exercise), for endo-apples, 116
- food. *See* eating plans
- footwear, 203–204
- “French Paradox,” 162
- Frog presses (exercise), for meso-pears, 85
- fruits, 160. *See also* eating plans
- functional exercises, 65
- genetics
- flexibility and, 67
 - weight and, 37–38
- Gentle Can-Cans (exercise), 133
- glossary of terms, 209–213
- glycemic index, defined, 211
- glycogen, 150. *See also* carbohydrates
- grains, 160, 186–187
- gung-ho workout
- defined, 69
 - for ecto-apples, 96
 - for ecto-pears, 71
 - for endo-apples, 113
 - for endo-pears, 88
 - for meso-apples, 105
 - for meso-pears, 78, 79
- See also individual names of body types*
- gynoid (female-pattern) obesity, 41
- hair accessories, 207
- Hamstring Stretch in Hook-Lying Position (exercise), 141
- Hand Claps (exercise), 130
- Harris Benedict equation, 171–173
- Hatha yoga, defined, 213
- hats, 206
- HDL (high-density lipoproteins), defined, 211
- health problems
- of “apples” vs. “pears,” 41
 - cardiovascular exercise for, 54–56
- See also* eating disorders
- heart disease, 55

heart rate
 defined, 211
 reserve, 62–63
 target range, 61–63

heredity. *See* genetics

hunger, 184–186

hydrostatic weighing, 25

ideal workout
 defined, 69
 for ecto-apples, 96
 for ecto-pears, 71
 for endo-apples, 113
 for endo-pears, 88
 for meso-apples, 105
 for meso-pears, 78, 79
See also individual names of body types

image. *See* body image

incomplete protein, 164

injury. *See* safety

interval training, defined, 211

Iyengar yoga, defined, 213

joints
 flexibility of, 67–68
 warm-up exercises and, 123

journals, 158–161

kickboxing, defined, 211

kilocalories, 175

Kundalini yoga, defined, 213

lanugo, 19

Lateral Flexion (exercise)
 for endo-apples, 119
 for meso-apples, 111

LDL (low-density lipoproteins)
 defined, 211

lean body weight, “skinny” *vs.*, 28–29

“learned selfishness,” 32, 35–36

left ventricle, 55

liposuction, 22. *See also* plastic surgery

Looky Looky (exercise), 128

Lower-Back lifts (exercise)
 for ecto-apples, 103
 for ecto-pears, 76
 for endo-apples, 120
 for endo-pears, 94
 for meso-apples, 111
 for meso-pears, 84

Low-Impact Side Jacks (exercise), 126

Lunge-backs (exercise), for meso-pears, 81

Lying Down Double Knees to Chest (exercise), 140

Lying Down Single Knee to Chest (exercise), 140

Lying Leg Circles (exercise), for endo-pears, 90

machines, for exercise, 56–57

Marching in Place with Arm Pump (exercise), 125

marketing, 16

meals, frequency of, 160, 191. *See also* eating plans

measurement, of weight, 23–27, 170–171, 198

“meat and potatoes” diet, 147–148

media, images in, 17–18, 43

meditation, 142–143, 158

men
 body mass index (BMI) ranges for, 27
 “meat and potatoes” diet and, 147–148
 muscular training by, 66
 perception of female body image of, 19–20
 self-image of, 201
 waist-to-hip ratio for, 28

meso-apples, 41, 44, 45
 eating plan for, 182–187
 exercises for, 104–111

- suggested meal choices for, 187–188
- workout intensity for, 105
- mesomorphs, 39, 40
- meso-pears, 41–43
 - eating plan for, 182–187
 - exercises for, 77–86
 - suggested meal choices for, 187–188
 - workout intensity for, 78, 79
- metabolism
 - basal metabolic rate (BMR), 171–173
 - body type and, 169
 - hydration and, 161
 - meal frequency and, 160
- Met Life Ideal Height and Weight Tables, 14, 15
- mittens, 206
- Modified Morning Star (exercise), 140
- monounsaturated fats, 161
- mood, 153–156. *See also* stress-reduction techniques
- morning, exercise during, 33–34
- muscular fitness, 122
 - cardiovascular exercise and, 58–59
 - for ecto-apples, 97
 - for ecto-pears, 71
 - for endo-apples, 113
 - for endo-pears, 88
 - for meso-apples, 105
 - for meso-pears, 79
 - muscular endurance, defined, 211
 - muscular hypertrophy (“bulkiness”), 59, 63–66
 - muscular strength, defined, 211–212
 - myths about, 63–66
 - toning, 34
 - warm-up and cool-down for, 121
- See also* exercise
- music, for exercise, 206
- National Institutes of Health (NIH), 27
- natural foods, 164–166, 183–184
- negative energy balance, 170
- New York* (magazine), 8
- New York University, 162
- nutrition
 - “Big Three” classes of nutrients, 163–164
 - from natural foods, 164–166, 183–184
- obesity, android *vs.* gynoid, 41
- Obesity Research*, 162
- one repetition maximum (1RM), defined, 211–212
- overeating. *See* binge eating
- overload, defined, 66
- overweight
 - defined, 27
 - endo plan for, 170–175
 - reasons for, 31–38
 - statistics, 169–170
- See also* weight; weight loss
- pants, for exercise, 205
- parasympathetic nervous system, 55
- pear body types, 41–43. *See also* ecto-pears; endo-pears; meso-pears
- Pelvic Bridges (exercise), for meso-pears, 85
- perspiration, 58
- photographic images, 16
- physical activity. *See* exercise
- phytochemicals, 165
- pilates, defined, 212
- Pilates, Joseph, 212
- plastic surgery, 12, 22, 196
- Plies (exercise)
 - for endo-apples, 114
 - for endo-pears, 89
 - for meso-apples, 106
 - for meso-pears, 80
- Point and Flex (exercise), 134
- polyunsaturated fats, 161

- portion size, 162–163, 177, 179–180, 191
- power yoga, defined, 213
- “preemptive eating,” 185
- pregnancy, 20, 123
- premenstrual syndrome (PMS), 153–154
- Prevention Magazine’s BodySense*, 8
- protein
 - defined, 212
 - sources of, 163–164
- Psychological Sciences*, 162
- Pullovers (exercise)
 - for ecto-apples, 101
 - for ecto-pears, 74
 - for endo-apples, 116
 - for endo-pears, 92
 - for meso-apples, 108
 - for meso-pears, 82
- Push-Ups (exercise)
 - for ecto-apples, 100
 - for ecto-pears, 73
 - for endo-apples, 115
 - for endo-pears, 91
 - for meso-apples, 107
 - for meso-pears, 81
- Quimby, Sean, 9
- reading, during exercise, 206
- repetitions, of exercises, 65–66
- reserve, heart rate, 62–63
- resistance training, 34, 58, 64–66. *See also* muscular fitness
- restaurant meals, 162–163, 179–180
- Reverse Flys (exercise)
 - for ecto-apples, 102
 - for ecto-pears, 75
 - for endo-apples, 118
 - for endo-pears, 94
 - for meso-apples, 109
 - for meso-pears, 84
- R.I.C.E. (Rest, Ice, Compression, Elevation), 212
- Rows (exercise)
 - for ecto-apples, 100
 - for ecto-pears, 73
 - for endo-apples, 115
 - for endo-pears, 92
 - for meso-apples, 107
 - for meso-pears, 82
- safety, 5, 60, 68, 123. *See also* individual names of exercises
- saturated fats, 161, 162, 163
- self-esteem exercise, 197. *See also* body image
- self talk, 197–198. *See also* body image
- serotonin, 153–154
- Seven Keys to fitness (FEMALES), 32–38
- Sex and the City*, 200
- Sheldon, William, 39, 40
- shirts, for exercise, 205
- Shoulder Rolls (exercise), 129
- Side-Lying Hip Flexor/Quad Stretch (exercise), 139
- Side Stretch Standing (exercise), 138
- Side-to-Side Knee-Up with Pull-In (exercise), 132
- Simplify Your Life* (Fine Living Channel), 9
- Sinetar, Marsha, 7–8
- skin, cellulite and, 21–22
- skinfold measurements, 25–26, 170
- sleep, 37
- Slo-Mo “Karate Kicks” (exercise), 133
- sneakers, 203–204
- socks, for exercise, 205–206
- Somatype Theory, 39–41
- specificity, 68
- Spinks, Evan, 4–5
- spot reduction, 66

- Squats (exercise)
 - for ecto-pears, 72
 - for endo-pears, 89
- Squat-Side Leg Lifts (exercise)
 - for ecto-apples, 99
 - for endo-apples, 114
 - for meso-apples, 106
 - for meso-pears, 80
- Standing Cat Stretches (exercise), 130
- Standing Hip Circles (exercise), 134
- starches, 179–180. *See also* complex carbohydrates
- starvation diet, 149–150
- static stretching, 67, 122
- Stationary Lunges (exercise), for endo-pears, 90
- Step Together Step Touch (exercise), 126
- Step-Ups (exercise)
 - for ecto-apples, 98
 - for ecto-pears, 72
- stomach, 184–185
- storage body fat, 20–21
- stress-reduction techniques
 - cardiovascular exercise, 55
 - Corpse Pose exercise, 142–143
 - eating for pleasure and, 150–151
- stretching
 - for cool-down, 136–137
 - dynamic, 67
 - static, 67, 122
- Subotovsky, Johanna, 9
- sun salutation (yoga), defined, 213
- sunscreen, 206–207
- sweating, 58
- systolic blood pressure, 209

- “talk test,” 61
- target zone, for exercise, 61–63
- taste, of food, 152
- Taylor, Allison, 2–3, 5
- teenagers, body image of, 17–18

- Teen People*, 17
- testosterone, 64
- “Three L’s,” 112–113
- Three Steps Forward with a Knee/Three Steps Back (exercise), 125
- tights, for exercise, 205
- time
 - eating slowly and, 185–186
 - “learned selfishness,” 32, 34–35
 - for nutritious diet, 148–149
 - for workouts, 33–34, 57–58 (*See also individual workout plans*)
- tops, for exercise, 205
- Touch-Downs (exercise), for ecto-apples, 98
- towels, for exercise, 207
- trans fatty acids, defined, 213
- treats, in diet, 155–156, 166–167
- Tricep Kickbacks (exercise), for endo-apples, 117
- Twist and Reach (exercise), 131
- Twist and Reach with Rotation (exercise), 131

- undergarments, for exercise, 203
- University of Washington, 161
- Up and Down (exercise), 129
- U.S. Department of Health and Human Services, 166

- Vague, Jean, 41
- vegetables, 160. *See also* eating plans
- Vinyasa yoga, defined, 213
- vomiting. *See* bulimia

- waist-to-hip ratio, 27–28
- warm-down. *See* cool-down exercises
- warm-up exercises
 - importance of, 121–124
 - individual exercises for, 125–134

water
 consuming during exercise, 207
 dehydration and, 150, 161
 weight gain and, 24–25
 See also beverages

weight
 average, 14, 15
 FEMALES (Seven Keys to fitness),
 32–38
 gain, calories needed for, 24 (*See also*
 calories)
 genetics and, 37–38
 measurement of, 23–27, 170–171, 198

weight loss
 for ectos, 189–193
 for endos, 175–182
 Harris Benedict equation, 171–173
 for mesos, 182–187
 pacing of, 29
 See also eating plans; eating strategies

weights, 64. *See also* muscular fitness

whole grains, 160

women, 19–20
 body mass index (BMI) ranges for, 27
 competitiveness among, 200–201
 muscularity in, 64–65
 waist-to-hip ratio for, 28
 See also body image; body types

workout plans. *See* cardiovascular
 exercise; exercise; flexibility training;
 muscular fitness; *individual names of*
 body types

yoga, defined, 213