## Content

Introduction	11 19
Instructions for use Reversing physical aging: Scientific evidence	21
Reversing physical aging. Scientific evidence	21
Reversing the aging of the head	27
Chapter 1: Reversing scalp hair loss and other hair disorders	29
1.1 Reversing scalp hair loss and other hair disorders	31
Reversing hair quality disorders	32
Preventing hair damage	32
Dry hair: Hormone and nutritional treatments	33
Brittle hair: Hormone and nutritional treatments	35
Thin, flat hair: Hormone and nutritional treatments	39
Uncombable hair: Hormone and nutritional treatments	42
Reversing scalp hair loss	44
Types of scalp hair loss	44
Scalp hair loss: Associations with disease and mortality	44
Dietary changes to improve hair growth	48
Nutritional therapies to reverse hair loss	49
Iron deficiency: Diffuse, male & female pattern hair loss, hair loss in plaques	49
Zinc deficiency: Diffuse, hair loss in plaques	50
Silica deficits : Diffuse hair loss, thinner, brittle scalp hair	50
Selenium and manganese supplementation for hair regrowth	51
Biotin deficiency: Diffuse hair loss with uncombable hair	51
Severe vitamin A deficiency: Diffuse hair loss	51
Severe vitamin C deficiency: Diffuse hair loss	52
Vitamin D treatment for diffuse hair loss and hair loss in plaques	52
Vegetables oils rich omega-6 fatty acids for diffuse hair loss	52
Topical vegetable oils with saturated fat for hair regrowth	53
Herb extracts against male and female pattern hair loss	53
Amino acid supplements for diffuse hair loss	53
MSM to recover hair from diffuse hair loss	54
Nutritional treatment review tables for scalp hair loss	55
Nutritional deficiencies that cause hair loss in plaques	57
Hormone therapies to reverse hair loss	58
Hypothyroidism: diffuse, total, female pattern hair loss & hair loss in patches	59
Thyroid therapy potently reduces diffuse alopecia	60
Sex hormone therapy for androgenic alopecia	61
5-alpha-reductase inhibitors for male and female pattern hair loss	61
Female hormone therapy may reverse female pattern hair loss	63
Topical melatonin therapy for female pattern hair loss	64
Growth hormone and IGF-1 therapies for hair loss with atrophic hair	64
Cortisol and antifungal treatments to reverse alopecia areata	65
ACTH, thyroid, and other therapies to totally reverse alopecia universalis	65
Correcting dihydrotestosterone & cortisol excess in women for hair regrowth	66

Hormone treatment review tables for scalp hair loss and hair quality disorders	66
1.2 Reducing gray hair	73
Dietary changes that may recolor hair	74
Nutritional therapies that may recolor hair	75
Hormone therapies that may recolor hair	79
Chapter 2: Reversing the aging of the face and other facial disorders	85
2.1 Making the face younger again	87
Reversing face aging	92
Aging faces: The changes	92
Regressing faces	94
Sun-damaged faces	98
Skin-folded faces	103
Aging female faces	104
Aging male faces	106
Premature aging syndrome faces	108
Progeria	108
Werner's syndrome	110
Hormone therapies for aging faces: Practical tips	113
Hormone treatment review tables for aging faces	115
Reversing swollen faces	118
Puffy faces	118
Roundish, "full-moon" faces	122
Swollen faces	122
Fatty faces	125
Faces with thick features	126
Hormone treatment review tables for swollen faces	127
Resizing small and thin faces	130
Hollow faces	130
Thin, emaciated faces	132
Meager and tensed faces	133
Poorly muscled, thin faces	135
Small faces	137
Hormone treatment review tables for small and thin faces	139
Reversing abnormal colors of the face	141
Pale faces	141
Pale anemic or blood-poor faces	142
Pale, light-colored, low-pigmented faces	143
Pale, non-flushing faces	146
Pale, stiff faces	147
Reddish faces Transient red flushes	149
	149
Hot flashes	150
Permanently red faces Wolf-like red faces	150
Brownish faces	153 154
Yellowish faces	154
Abnormal facial colors: Therapies	155
Hormone treatment review tables for abnormal colors of the	
face	156

Reversing aging eyes	159
Thin eyebrows; Eyebrow hair loss	159
Dark circles around the eyes	161
Swollen lower eyelids	162
Swollen lower and upper eyelids	164
Swollen upper and lower eyelids caused by heart failure	165
Droopy upper and lower eyelids	166
Tiny, sharp skin folds on eyelids	168
Sunken eyes in the orbits	169
Dry eyes	170
Red eyes	172
Abnormal gazes in the eyes	173
Evasive, indifferent eyes	174
Dull, lifeless looks	174
Absent-minded looks	175
Sudden, transient nervous looks	176
Persistently nervous looks	177
Eye aging: Hormone therapies	178
Hormone treatment review tables for aging eyes	178
Reversing nose aging	184
Rhinitis	184
Skin rashes around the nostrils	185
Flat noses	185
Thin noses	187
Enlarged noses	188
Nose aging: Therapies	190
Hormone treatment review tables for nose aging	190
Reversing mouth aging	192
Reversing mouth aging Lips	192 192
Lips	192
Lips Thin lips over the whole surface of the lips Thin lips in the middle part Swollen lips	192 192
Lips Thin lips over the whole surface of the lips Thin lips in the middle part Swollen lips Swollen lips in the middle part	192 192 194 194 194 194
Lips Thin lips over the whole surface of the lips Thin lips in the middle part Swollen lips Swollen lips in the middle part Swollen lips over the whole surface of the lips	192 192 194 194 194 195
Lips Thin lips over the whole surface of the lips Thin lips in the middle part Swollen lips Swollen lips in the middle part Swollen lips over the whole surface of the lips Persistently dry lips	192 192 194 194 194 195 195
Lips Thin lips over the whole surface of the lips Thin lips in the middle part Swollen lips Swollen lips in the middle part Swollen lips over the whole surface of the lips Persistently dry lips Pigment spots on lips and gums	192 192 194 194 194 195 197 197
Lips Thin lips over the whole surface of the lips Thin lips in the middle part Swollen lips Swollen lips in the middle part Swollen lips over the whole surface of the lips Persistently dry lips Pigment spots on lips and gums Gum retraction	192 192 194 194 194 195 197 197 198
Lips Thin lips over the whole surface of the lips Thin lips in the middle part Swollen lips Swollen lips in the middle part Swollen lips over the whole surface of the lips Persistently dry lips Pigment spots on lips and gums Gum retraction Gum inflammation	192 192 194 194 194 195 197 197 198 199
Lips Thin lips over the whole surface of the lips Thin lips in the middle part Swollen lips Swollen lips in the middle part Swollen lips over the whole surface of the lips Persistently dry lips Pigment spots on lips and gums Gum retraction Gum inflammation Indented tongue borders	192 192 194 194 194 195 197 197 198 199 200
Lips Thin lips over the whole surface of the lips Thin lips in the middle part Swollen lips Swollen lips in the middle part Swollen lips over the whole surface of the lips Persistently dry lips Pigment spots on lips and gums Gum retraction Gum inflammation Indented tongue borders Enlarged tongue	192 194 194 194 195 197 197 198 199 200 201
Lips Thin lips over the whole surface of the lips Thin lips in the middle part Swollen lips Swollen lips in the middle part Swollen lips over the whole surface of the lips Persistently dry lips Pigment spots on lips and gums Gum retraction Gum inflammation Indented tongue borders Enlarged tongue Mouth aging: Hormone therapies	192 194 194 194 195 197 197 198 199 200 201 204
Lips Thin lips over the whole surface of the lips Thin lips in the middle part Swollen lips Swollen lips in the middle part Swollen lips over the whole surface of the lips Persistently dry lips Pigment spots on lips and gums Gum retraction Gum inflammation Indented tongue borders Enlarged tongue	192 194 194 194 195 197 197 198 199 200 201
Lips Thin lips over the whole surface of the lips Thin lips in the middle part Swollen lips Swollen lips in the middle part Swollen lips over the whole surface of the lips Persistently dry lips Pigment spots on lips and gums Gum retraction Gum inflammation Indented tongue borders Enlarged tongue Mouth aging: Hormone therapies	192 194 194 194 195 197 197 198 199 200 201 204
Lips Thin lips over the whole surface of the lips Thin lips in the middle part Swollen lips Swollen lips in the middle part Swollen lips over the whole surface of the lips Persistently dry lips Pigment spots on lips and gums Gum retraction Gum inflammation Indented tongue borders Enlarged tongue Mouth aging: Hormone therapies Hormone treatment review tables for aging mouth	192 194 194 194 195 197 197 198 199 200 201 204 204
Lips Thin lips over the whole surface of the lips Thin lips in the middle part Swollen lips Swollen lips in the middle part Swollen lips over the whole surface of the lips Persistently dry lips Pigment spots on lips and gums Gum retraction Gum inflammation Indented tongue borders Enlarged tongue Mouth aging: Hormone therapies Hormone treatment review tables for aging mouth Reversing cheek aging	192 192 194 194 194 195 197 197 198 199 200 201 204 204
Lips Thin lips over the whole surface of the lips Thin lips in the middle part Swollen lips Swollen lips in the middle part Swollen lips over the whole surface of the lips Persistently dry lips Pigment spots on lips and gums Gum retraction Gum inflammation Indented tongue borders Enlarged tongue Mouth aging: Hormone therapies Hormone treatment review tables for aging mouth Reversing cheek aging Sagging cheeks	192 192 194 194 194 195 197 197 198 199 200 201 204 204 204 204
Lips Thin lips over the whole surface of the lips Thin lips in the middle part Swollen lips Swollen lips over the whole surface of the lips Persistently dry lips Persistently dry lips Pigment spots on lips and gums Gum retraction Gum inflammation Indented tongue borders Enlarged tongue Mouth aging: Hormone therapies Hormone treatment review tables for aging mouth <b>Reversing cheek aging</b> Sagging cheeks Puffy cheeks Swollen cheeks Fatty cheeks	192 192 194 194 194 195 197 197 198 199 200 201 204 204 204 204
Lips Thin lips over the whole surface of the lips Thin lips in the middle part Swollen lips Swollen lips over the whole surface of the lips Persistently dry lips Pigment spots on lips and gums Gum retraction Gum inflammation Indented tongue borders Enlarged tongue Mouth aging: Hormone therapies Hormone treatment review tables for aging mouth <b>Reversing cheek aging</b> Sagging cheeks Puffy cheeks Swollen cheeks Fatty cheeks Hollow cheeks	192 194 194 194 195 197 197 198 199 200 201 204 204 204 204 207 207 210 212
Lips Thin lips over the whole surface of the lips Thin lips in the middle part Swollen lips Swollen lips in the middle part Swollen lips over the whole surface of the lips Persistently dry lips Pigment spots on lips and gums Gum retraction Gum inflammation Indented tongue borders Enlarged tongue Mouth aging: Hormone therapies Hormone treatment review tables for aging mouth <b>Reversing cheek aging</b> Sagging cheeks Puffy cheeks Swollen cheeks Fatty cheeks Hollow cheeks Skinny, emaciated cheeks	192 192 194 194 194 195 197 197 198 199 200 201 204 204 204 207 207 207 207 210 212 212 213 215
Lips Thin lips over the whole surface of the lips Thin lips in the middle part Swollen lips Swollen lips in the middle part Swollen lips over the whole surface of the lips Persistently dry lips Pigment spots on lips and gums Gum retraction Gum inflammation Indented tongue borders Enlarged tongue Mouth aging: Hormone therapies Hormone treatment review tables for aging mouth <b>Reversing cheek aging</b> Sagging cheeks Puffy cheeks Swollen cheeks Fatty cheeks Hollow cheeks Skinny, emaciated cheeks Thin jawbones	192 192 194 194 194 195 197 197 198 199 200 201 204 204 204 204 207 207 207 210 212 212 213 215 216
Lips Thin lips over the whole surface of the lips Thin lips in the middle part Swollen lips Swollen lips over the whole surface of the lips Persistently dry lips Pigment spots on lips and gums Gum retraction Gum inflammation Indented tongue borders Enlarged tongue Mouth aging: Hormone therapies Hormone treatment review tables for aging mouth <b>Reversing cheek aging</b> Sagging cheeks Puffy cheeks Swollen cheeks Fatty cheeks Hollow cheeks Skinny, emaciated cheeks Thin jawbones Pigment spots on the cheeks	192 192 194 194 194 195 197 197 198 199 200 201 204 204 204 204 204 204 207 207 210 212 213 215 216 217
Lips Thin lips over the whole surface of the lips Thin lips in the middle part Swollen lips Swollen lips in the middle part Swollen lips over the whole surface of the lips Persistently dry lips Pigment spots on lips and gums Gum retraction Gum inflammation Indented tongue borders Enlarged tongue Mouth aging: Hormone therapies Hormone treatment review tables for aging mouth <b>Reversing cheek aging</b> Sagging cheeks Puffy cheeks Swollen cheeks Fatty cheeks Hollow cheeks Skinny, emaciated cheeks Thin jawbones	192 192 194 194 194 195 197 197 198 199 200 201 204 204 204 204 207 207 207 210 212 212 213 215 216

Reversing chin aging	222
Small and regressing chins	222
Enlarged chins	224
Fatty chins	225
Reversing chin aging: Hormone therapies	226
Hormone treatment review tables for aging chin	226
Reversing skin aging in the face	228
Dry skin	229
Dehydrated skin	233
Oily skin	235
Acne	236
Acne scars	238
Thin skin	239
Loose skin	240
Stiff skin	242
Facial hair	244
Insufficient beards and mustaches in men Hormone treatment review tables for facial skin aging	245 247
2.2 Preventing face aging with nutritional therapies	253
Reversing face aging with the diet	254
Attenuating face aging with nutritional supplements	258
Aging faces	258
Tense-looking face	259
Stiff faces	259
Small, atrophied faces	260
Restoring the natural color of the face	261
Pale faces	261
Poorly tanned or pigmented faces	262
Low tanned faces	262
Yellowish faces	263
Brownish faces	264
Improving the eyes	265
Eyebrow loss	265
Droopy eyelids	266
Sunken eyes	266
Swollen lower eyelids	267
Dry eyes	267
Red eyes	268
Pale eyes	268
Cataracts Reversing lip aging	269 270
Lip fissures	270
Reversing skin aging and disorders	270
Age spots	271
Vitiligo spots	273
Dry skin	275
Acne	277
Improve the look of your face with nutritional therapies	280
Nutritional treatment review tables for aging face	280
2.3 Wrinkles	289
Weinkless Courses and the strengt	005
Wrinkles: Causes, prevention and treatment Lifestyle precautions to prevent wrinkles	295 295
	235

	296
Forehead, frown and nasion lines	299
Droopy eyebrows and eyelids	300
Crow's feet wrinkles	300
Miniature wrinkles	301
Pre-jowl sulci and marionette lines	302
Nasolabial folds, chin wrinkle and loose skin folds under the	
chin	302
Reversing wrinkles: Hormone therapies, the most potent	305
Forehead wrinkles	305
Frown lines	306
Nasion wrinkles	307
Droopy eyebrows	308
Droopy upper and lower eyelids	308
Crow's feet wrinkles	310
Perioral wrinkles	311
Marionette lines	312
Pre-jowl sulci	313
Nasolabial grooves	313
Chin wrinkle	314
Small wrinkles	314
Miniature wrinkles	316
Sharp and deep wrinkles	316
Loose skin folds under the chin	317
Hormone treatment review tables for wrinkles	323
Attenuating wrinkles: Nutritional therapies, light to moderate efficacy	327
Personalized amino acid supplements	327
Nutritional treatment review tables for attenuating wrinkles	331
Reversing the aging of the senses	335
Reversing the aging of the senses Chapter 3: Reversing vision loss	335 337
Chapter 3: Reversing vision loss 3.1 Reversing presbyopia	337 341
Chapter 3: Reversing vision loss 3.1 Reversing presbyopia Presbyopia: Causes or facilitating factors	337 341 348
Chapter 3: Reversing vision loss 3.1 Reversing presbyopia Presbyopia: Causes or facilitating factors Lifestyle errors and conditions that accelerate presbyopia	337 341 348 348
Chapter 3: Reversing vision loss 3.1 Reversing presbyopia Presbyopia: Causes or facilitating factors Lifestyle errors and conditions that accelerate presbyopia Dietary deficits that may increase the risk of presbyopia or hypermetropia	337 341 348 348 350
Chapter 3: Reversing vision loss 3.1 Reversing presbyopia Presbyopia: Causes or facilitating factors Lifestyle errors and conditions that accelerate presbyopia Dietary deficits that may increase the risk of presbyopia or hypermetropia Nutritional deficits that may increase the risk of presbyopia or hypermetropia	337 341 348 348 350 350
Chapter 3: Reversing vision loss 3.1 Reversing presbyopia Presbyopia: Causes or facilitating factors Lifestyle errors and conditions that accelerate presbyopia Dietary deficits that may increase the risk of presbyopia or hypermetropia	337 341 348 348 350 350
Chapter 3: Reversing vision loss 3.1 Reversing presbyopia Presbyopia: Causes or facilitating factors Lifestyle errors and conditions that accelerate presbyopia Dietary deficits that may increase the risk of presbyopia or hypermetropia Nutritional deficits that may increase the risk of presbyopia or hypermetropia Hormone deficits and excesses that might promote presbyopia	337 341 348 348 350 350 350
Chapter 3: Reversing vision loss 3.1 Reversing presbyopia Presbyopia: Causes or facilitating factors Lifestyle errors and conditions that accelerate presbyopia Dietary deficits that may increase the risk of presbyopia or hypermetropia Nutritional deficits that may increase the risk of presbyopia or hypermetropia	337 341 348 348 350
Chapter 3: Reversing vision loss 3.1 Reversing presbyopia Presbyopia: Causes or facilitating factors Lifestyle errors and conditions that accelerate presbyopia Dietary deficits that may increase the risk of presbyopia or hypermetropia Nutritional deficits that may increase the risk of presbyopia or hypermetropia Hormone deficits and excesses that might promote presbyopia Presbyopia: Treatments	337 341 348 348 350 350 350 350 354 354
Chapter 3: Reversing vision loss 3.1 Reversing presbyopia Presbyopia: Causes or facilitating factors Lifestyle errors and conditions that accelerate presbyopia Dietary deficits that may increase the risk of presbyopia or hypermetropia Nutritional deficits that may increase the risk of presbyopia or hypermetropia Hormone deficits and excesses that might promote presbyopia Presbyopia: Treatments Dietary changes to prevent or delay presbyopia Nutritional therapies to delay or slow down presbyopia or hypermetropia	337 341 348 350 350 350 350 354 354 355
Chapter 3: Reversing vision loss 3.1 Reversing presbyopia Presbyopia: Causes or facilitating factors Lifestyle errors and conditions that accelerate presbyopia Dietary deficits that may increase the risk of presbyopia or hypermetropia Nutritional deficits that may increase the risk of presbyopia or hypermetropia Hormone deficits and excesses that might promote presbyopia Presbyopia: Treatments Dietary changes to prevent or delay presbyopia	337 341 348 348 350 350 350 350
<ul> <li>Chapter 3: Reversing vision loss</li> <li>3.1 Reversing presbyopia</li> <li>Presbyopia: Causes or facilitating factors         <ul> <li>Lifestyle errors and conditions that accelerate presbyopia</li> <li>Dietary deficits that may increase the risk of presbyopia or hypermetropia</li> <li>Nutritional deficits that may increase the risk of presbyopia or hypermetropia</li> <li>Hormone deficits and excesses that might promote presbyopia</li> </ul> </li> <li>Presbyopia: Treatments         <ul> <li>Dietary changes to prevent or delay presbyopia</li> <li>Nutritional therapies to delay or slow down presbyopia or hypermetropia</li> <li>Hormone therapies to prevent, delay or reduce the severity of presbyopia</li> <li>Treatment review tables for presbyopia</li> </ul> </li> </ul>	337 341 348 350 350 350 350 354 354 355 356 358
Chapter 3: Reversing vision loss 3.1 Reversing presbyopia Presbyopia: Causes or facilitating factors Lifestyle errors and conditions that accelerate presbyopia Dietary deficits that may increase the risk of presbyopia or hypermetropia Nutritional deficits that may increase the risk of presbyopia or hypermetropia Hormone deficits and excesses that might promote presbyopia Presbyopia: Treatments Dietary changes to prevent or delay presbyopia Nutritional therapies to delay or slow down presbyopia or hypermetropia Hormone therapies to prevent, delay or reduce the severity of presbyopia	337 341 348 350 350 350 354 354 354 355 356
<ul> <li>Chapter 3: Reversing vision loss</li> <li>3.1 Reversing presbyopia</li> <li>Presbyopia: Causes or facilitating factors         <ul> <li>Lifestyle errors and conditions that accelerate presbyopia</li> <li>Dietary deficits that may increase the risk of presbyopia or hypermetropia</li> <li>Nutritional deficits that may increase the risk of presbyopia or hypermetropia</li> <li>Hormone deficits and excesses that might promote presbyopia</li> </ul> </li> <li>Presbyopia: Treatments         <ul> <li>Dietary changes to prevent or delay presbyopia</li> <li>Nutritional therapies to delay or slow down presbyopia or hypermetropia</li> <li>Hormone therapies to prevent, delay or reduce the severity of presbyopia</li> <li>Treatment review tables for presbyopia</li> </ul> </li> </ul>	337 341 348 350 350 350 350 354 354 355 356 358
<ul> <li>Chapter 3: Reversing vision loss</li> <li>3.1 Reversing presbyopia</li> <li>Presbyopia: Causes or facilitating factors</li> <li>Lifestyle errors and conditions that accelerate presbyopia or hypermetropia Dietary deficits that may increase the risk of presbyopia or hypermetropia Autritional deficits that may increase the risk of presbyopia or hypermetropia Hormone deficits and excesses that might promote presbyopia</li> <li>Presbyopia: Treatments</li> <li>Dietary changes to prevent or delay presbyopia</li> <li>Autritional therapies to delay or slow down presbyopia or hypermetropia Hormone therapies to prevent, delay or reduce the severity of presbyopia Treatment review tables for presbyopia</li> <li>3.2 Reducing myopia</li> </ul>	337 341 348 350 350 350 354 354 355 356 358 361
<ul> <li>Chapter 3: Reversing vision loss</li> <li>3.1 Reversing presbyopia</li> <li>Presbyopia: Causes or facilitating factors         <ul> <li>Lifestyle errors and conditions that accelerate presbyopia</li> <li>Dietary deficits that may increase the risk of presbyopia or hypermetropia</li> <li>Nutritional deficits that may increase the risk of presbyopia or hypermetropia</li> <li>Hormone deficits and excesses that might promote presbyopia</li> </ul> </li> <li>Presbyopia: Treatments         <ul> <li>Dietary changes to prevent or delay presbyopia</li> <li>Nutritional therapies to delay or slow down presbyopia or hypermetropia</li> <li>Hormone therapies to prevent, delay or reduce the severity of presbyopia</li> </ul> </li> <li>3.2 Reducing myopia</li> <li>Myopia: Causes and precipitating factors</li> </ul>	337 341 348 350 350 350 350 354 354 354 355 356 358 361 361
<ul> <li>Chapter 3: Reversing vision loss</li> <li>3.1 Reversing presbyopia</li> <li>Presbyopia: Causes or facilitating factors         <ul> <li>Lifestyle errors and conditions that accelerate presbyopia</li> <li>Dietary deficits that may increase the risk of presbyopia or hypermetropia</li> <li>Nutritional deficits that may increase the risk of presbyopia or hypermetropia</li> <li>Hormone deficits and excesses that might promote presbyopia</li> </ul> </li> <li>Presbyopia: Treatments         <ul> <li>Dietary changes to prevent or delay presbyopia</li> <li>Nutritional therapies to delay or slow down presbyopia or hypermetropia</li> <li>Hormone therapies to prevent, delay or reduce the severity of presbyopia</li> <li>Treatment review tables for presbyopia</li> </ul> </li> <li>3.2 Reducing myopia</li> <li>Myopia: Causes and precipitating factors</li> <li>Lifestyle conditions and habits that precipitate the development of myopia</li> </ul>	337 341 348 350 350 350 354 354 355 356 358 361 366 369
<ul> <li>Chapter 3: Reversing vision loss</li> <li>3.1 Reversing presbyopia</li> <li>Presbyopia: Causes or facilitating factors         <ul> <li>Lifestyle errors and conditions that accelerate presbyopia</li> <li>Dietary deficits that may increase the risk of presbyopia or hypermetropia</li> <li>Nutritional deficits that may increase the risk of presbyopia or hypermetropia</li> <li>Hormone deficits and excesses that might promote presbyopia</li> </ul> </li> <li>Presbyopia: Treatments         <ul> <li>Dietary changes to prevent or delay presbyopia</li> <li>Nutritional therapies to delay or slow down presbyopia or hypermetropia</li> <li>Hormone therapies to prevent, delay or reduce the severity of presbyopia</li> <li>Treatment review tables for presbyopia</li> </ul> </li> <li>3.2 Reducing myopia</li> <li>Myopia: Causes and precipitating factors</li> <li>Lifestyle conditions and habits that precipitate the development of myopia</li> <li>Food inadequacies found in myopes</li> </ul>	337 341 348 350 350 350 350 354 354 355 356 358 361 366

Myopia: Treatment	376
Nutritional supplements to prevent or reverse myopia	377
Hormone therapy to prevent or reverse myopia	379
Treatment review tables for myopia	379
3.3 Night blindness	383
Night blindness: Causes	386
Dietary errors that predispose to night blindness	386
Nutritional deficits that make the vision blurred at dim light	386
Hormone deficits that induce night blindness	388
Therapies to improve night blindness	390
Dietary changes that improve night vision	390
Nutritional therapies that improve dim light vision	390
Hormone therapies that might improve dim light vision	391
Treatment review tables for night blindness	392
3.4 Attenuating cataract	395
Cataract: Causes and facilitating factors	403
Drinks and foods that increase the cataract risk	406
Nutritional deficits that increase the risk of cataracts	407
Hormone deficits or excesses that facilitate cataracts	408
Therapies to prevent or slow the development of cataracts	411
Dietary changes to prevent or minimize cataract	413
Nutritional therapies to protect the eyes from cataracts	414
Hormone therapies to prevent and reverse cataracts	416
Treatment review tables for attenuating cataract	418
3.5 Reversing glaucoma	425
Glaucoma: Causes	435
Metabolic disorders that increase the risk of glaucoma	437
Drinks and food that may facilitate the development of glaucoma	438
Nutritional deficits that may facilitate glaucoma	439
Hormone deficits that may facilitate the development of glaucoma	440
Glaucoma: Treatments Activities and habits that may prevent or minimize glaucoma Correction of genetic failures & metabolic disorders may prevent or minimize glaucoma	449 449 450
Dietary changes that may prevent or minimize glaucoma	451
Nutritional therapies that may prevent or reverse glaucoma	453
Hormone therapies to prevent or reverse glaucoma	455
Protection against ocular hypertension and glaucoma by treatment with dhea, pregnenolone and aldosterone at physiological doses?	457
Treatment review tables for glaucoma	459
3.6. Preventing and reversing age-related macular degeneration	463
Age-related macular degeneration: Causes	474
Dietary errors that increase the risk of age-related macular degeneration	477
Nutritional deficits that increase the risk of macular degeneration	478
Hormone deficits that accelerate the development of macular degeneration	480

Age-related macular degeneration: Therapies Dietary changes to prevent or reduce age-related macular degeneration	484
Nutritional therapies to prevent or reduce the development of macular	485 486
degeneration Hormone therapies to prevent or reduce age-related macular degeneration	491
Treatment review tables for ge-related macular degeneration	491
3.7 Reversing retinitis pigmentosa	499
Retinitis pigmentosa: Causes	504
Retinitis pigmentosa: pathological mechanisms	504
Retinitis pigmentosa: accelerating factors	505
Foods that accelerate the development of retinitis pigmentosa	509
Nutritional deficits that facilitate the progression of retinitis pigmentosa	509
Hormone deficits that might facilitate retinitis pigmentosa	512
Treatments to slow down the development and try to prevent or partially reverse retinitis pigmentosa	514
Dietary therapies that protect the retina from oxidative stress	515
Nutritional therapies that attenuate retinitis pigmentosa	516
Hormone therapies to attenuate retinitis pigmentosa	525
Treatment review tables for reversing retinitis pigmentosa	529
Chapter 4: Reversing hearing loss	535
4.1 Reversing hearing loss	537
Hearing loss: Causes	547
Dietary errors that cause hearing loss	551
Nutritional deficiencies that may cause hearing loss	552
Hormone deficits that may induce hearing loss	555
Hearing loss: Treatments	564
Environmental and medical changes to improve hearing	564
Nutritional therapies to improve hearing	568
Hormone therapies to improve hearing	574
Treatment review tables for reversing hear loss	577
4.2 Escaping tinnitus	591
	551
Tinnitus: Causes	594
Conditions that generate tinnitus	594
Dietary inadequacies that trigger tinnitus	594
Nutritional deficiencies that may trigger tinnitus	596
Hormone deficiencies that may trigger tinnitus	597
Tinnitus: Treatments	598
Dietary interventions to prevent or reduce tinnitus	598
Nutritional therapies to prevent or reduce tinnitus	599
Hormone therapies to prevent or reduce tinnitus efficiently	599
Treatment review tables for escaping tinnitus	602
Chapter 5: Reversing smell loss	607

## 5 Reversing smell loss

609

	Smell loss: Causes	612
	Nutritional deficits that cause smell loss	612
	Hormone deficits that cause smell loss	613
	Nutritional deficits and toxins that cause smell distortion	613
	Treatment review table for reversing smell loss	614
Chapter	6: Reversing taste loss	617
6 R	eversing taste loss	619
	Taste loss and taste distortion: Causes	623
	Social deficits cause taste loss	623
	Nutritional deficits that cause taste loss	623
	Hormone deficits that cause taste loss	625
	Heightened taste perception (hypergeusia): Causes	627 627
	Increased taste perception for salt; salty food cravings Increased taste perception for sweet; sugar cravings	627
	Increased umami taste perception: cravings for meat & other protein-rich foods	629
	Taste distortion (dysgeusia): Causes	629
	Burning mouth syndrome: Causes	631
	Taste loss: Treatments	632
	Nutritional therapies to restore the sense of taste	632
	Hormone therapies to restore the sense of taste	632
	Excessive taste perception (hypergeusia): Treatment	634
	Hormone therapies to reduce excessive taste & cravings for salty foods	634
	Hormone therapies to reduce excessive taste & cravings for sweets	634
	Taste dislike (or aversion): Treatments	635
	Taste distortion (dysgeusia) and burning mouth syndrome: Treatment	636
	Treatment review table for taste loss	637
Chapter	7: Reversing touch loss	645
	7 Reversing touch loss	647
	Hymosothania	GE A
	Hypoesthesia	654
	Causes other than aging Treatment	658 660
	Hyperesthesia	664
	Healthy hyperesthesia	664
	Pathological hyperesthesia	665
	Dysesthesia	668
	Allodynia or hyperalgesia	670
	The principal nutritional and hormone deficits that trigger inflammation	672
	Excess tactile sensitivity (hyperesthesia): Treatments	673
	Dietary changes to reduce inflammation	674

Nutritional approaches to reduce excessive and painful touch sensations	674
Hormone treatments to reduce tactile hypersensitivity and allodynia	677
Treatment review tables for painful touch sensation	679
Paresthesia	681
Causes	682
Nutritional deficits that trigger paresthesias	683
Hormone deficits and excess that trigger paresthesias	686
Carpal tunnel syndrome: Causes	690
Diseases that facilitate the development of carpal tunnel syndrome	690
Nutritional deficits that facilitate the appearance of carpal tunnel syndrome	690
Hormone deficits behind carpal tunnel syndrome	692
Hormone excesses associated with carpal tunnel syndrome	693
Tarsal tunnel syndrome	694
Paresthesias: Treatment	697
Nutritional treatments of paresthesias	697
Hormone therapies that reduce paresthesias	698
Nutritional treatments of carpal tunnel syndrome	699
Hormone treatments of carpal tunnel syndrome	700
Treatment review tables for paresthesias	701
Pruritus	705
Itching: Causes	705
Nutritional therapies that may help against itching	706
Hormone deficits	708
Treatment review tables for pruritus	711
References	715
Further Reading	1069
Index	1080