CONTENTS

	Acknowledgments	xi
	PREFACE	1
	INTRODUCTION	5
1	ENDOCRINOLOGY	11
	Cellular communication	12
	Hormones	13
	Endocrine apparatus	16
2	THE ADRENAL CORTEX	18
	Effects of cortisol on our metabolism	18
	Further functions of cortisol	19
	DHEA	20
3	HGH OR SOMATOTROPIC HORMONE	21
•	GH and pituitary gland	21
	Action of HGH	24
	How to optimize endogenous level of GH	25
4	THE GONADS	28
	Outlines of anatomy and physiology	28
	Androgens	29
	Female Gonadal hormones	32
	Optimization of testosterone level	34

The COM Diet & SPOT REDUCTION

5	THYROID HORMONES	37
6	INSULIN	38
7	MELATONIN	41
8	LEPTIN	42
9	ANTHROPOMETRIC MORPHOLOGY	43
10	DIETOLOGY	50
11	GLYCEMIC INDEX	56
12	 NUTRITION IN PRACTICE The importance of a healthy breakfast Checking glycaemia through glycemic index and glycemic load An adequate amount of proteins in each meal An adequate amount and type of fat in each meal An adequate consumption of dietary fibers, fruit and vegetables The proper potassium/sodium rate A correct acid-base balance Eliminating refined wheat Eliminating junk food Eating consciously 	67 68 70 72 73 75 78 78 79 81
13	CHRONOBIOLOGY Features of biorhythms Overview of biorhythms and hormones secretion Nutrition and circadian rhythms	88 91 96 102
14	MORPHOLOGY OF THE CONSTITUTIONS	110
15	TEST	119

16	MORPHOLOGY: ANDROID OR GYNOID	125
17	THE COM DIET (CHRONOHORMORPHO-DIET) An integrated circuit	131 135
	Conclusions	144
18	THE DIET FOR THE HYPERLIPOGENETIC INDIVIDUAL Food timing	146 149
19	THE DIET FOR THE HYPOLIPOLYTIC INDIVIDUAL Food timing	162 165
20	CELLULITE The four stages of cellulite	168 169
21	THE DIET FOR THE HYPERMIXED INDIVIDUAL Food timing	174 177
22	THE DIET FOR THE HYPOMIXED INDIVIDUAL Food timing	180 182
23	DIETARY SUPPLEMENTS - Recommendations in line with the morphological biotype	185 187
	- Vitamins - Minerals	188 190
	- Amino acids	193
	- Lipids	195
	Active supplements on lipids and glucose metabolismAdaptogenic herbs and phytonutrients	197 198
	Adaptogenic herbs and phytonutrientsAnorectic supplements	203
24	PHYSICAL EXERCISE	205
	1. Strength training	209
	2. Aerobic training	212
	3. Flexibility training	215

The COM Diet & SPOT REDUCTION

25	PHYSICAL EXERCISE AND BIOTYPE	217
26	TRAINING FOR THE HYPERLIPOGENETIC INDIVIDUAL	219
	Aerobic training	219
	Flexibility training	220
	Strength training	220
	Summarizing	220
	Training time	221
27	TRAINING FOR THE HYPOLIPOLYTIC INDIVIDUAL	222
	Aerobic training	222
	Strength training	223
	Flexibility training	223
	Summarizing	223
	Training time	224
28	TRAINING FOR THE HYPERMIXED INDIVIDUAL	225
	Strength training	225
	Aerobic training	226
	Flexibility training	226
	Training time	226
29	TRAINING FOR THE HYPOMIXED INDIVIDUAL	227
	Strength training	227
	Aerobic training	228
	Flexibility training	228
	Training time	228
30	STRESS MANAGEMENT	229
	A rating scale for rapid stress assessment	233
	Stress and biotypes	235
	The four psychological types in psychogenetics	237
	Stress and the four "COM" biotypes	241
	Anti-stress strategies	242
31	SPOT REDUCTION	245

32	SPOT REDUCTION: ITS PHYSIOLOGICAL FOUNDATIONS	253
33	SPOT REDUCTION AND SCIENTIFIC RESEARCH	257
34	STUBBORN FAT AND HOW TO FIGHT IT (by Lorenzo Pansini)	263
	General principles for facilitating the mobilization of stubborn fat	270
35	DIET DIFFERENTIATED FOR MUSCLE AREA	278
	The cyclization of carbohydrates	282
	Depletion of glycogen and localized fat loss	286
	Conclusions	290
36	A PERSONAL EXPERIENCE (by Chiara Caliaro)	2 93
37	LOCALIZED FAT LOSS: a controlled clinical study (by Paolo Luzi – Massimo Spattini)	296
	Method	296
	Results	300
	Conclusions	301
38	SPOT REDUCTION AND BODY TEMPERATURE	303
	Methodology	304
39	COSMETIC TREATMENTS	308
40	SUPPLEMENTS AND SPOT REDUCTION	311
41	QUESTIONS AND ANSWERS	317
	REFERENCES	353
	ABOUT THE AUTHOR	363