

# topic checklist

## **consumer health & wellness trends ..... 26**

### **Reframing health and wellness ..... 28**

- The health and wellness continuum ..... 28
- Dimensions of health and wellness..... 29
- Wellbeing's transformation..... 29
- Delusional wellbeing..... 30

### **DIY healthcare..... 31**

- Healthy skepticism..... 31
- Self-care..... 32
- Consumerism ..... 33
- Emergence of the undoctorated ..... 34

### **Overmedicalization..... 35**

### **Public health vs science ..... 36**

- Good? Bad? Who can tell?!..... 36
- Big brother ..... 38

### **Health curators..... 39**

### **Solutions, not products..... 40**

- Chinese restaurant syndrome..... 40
- What consumers really want ..... 41
- The promise of integrative medicine ..... 42
- Progressive & multi-stage programs..... 42
- When lifestyle change programs work ..... 43
- Therapeutic lifestyle change professionals ..... 44
- Health & wellness coaching..... 46

### **New venues & platforms ..... 47**

## **fitness, exercise & physical activity ..... 49**

### **Physical fitness: a big tent ..... 51**

- Fitness is cool again! ..... 51
- The end of fitness myopia..... 52
- Mid-life exercise preferences ..... 52

### **Redefining exercise ..... 53**

- Consistency vs intensity ..... 53
- The activity to wellness model..... 54
- Exercise snacks ..... 54
- How low will expectations go? ..... 55
- Stepping stones..... 55

<b>The medicalization of exercise .....</b>	<b>56</b>
□ Exercise is a prescription.....	57
□ Outcomes-based exercise.....	58
□ This is your brain on exercise .....	60
□ The new osteoporosis .....	62
□ Exercise and behavioral medicine.....	63
<b>From services to solutions .....</b>	<b>64</b>
□ How customers think .....	64
□ Progressive & multi-stage programs.....	65
□ Unexpected health club competition.....	66
□ Segment, segment, segment.....	67
<b>Shades of green .....</b>	<b>69</b>
□ Walkability .....	69
□ Let's go for a ride .....	70
□ Tread lightly on the planet .....	71
<b>Exercise like your ancestors - or not .....</b>	<b>73</b>
□ Your body is a barbell.....	73
□ The way you do the things you do .....	74
□ No-win event training .....	75
□ Get out of the gym .....	76
□ Fitness arcades – health clubs of the future.....	76
□ Group fitness and personal training.....	77
□ Personal fitness technology.....	79
<b>Emerging professions .....</b>	<b>79</b>
□ The new exercise professional .....	80
□ Clinical exercise specialists .....	81
□ Licensure and certification.....	82
□ Fitness professionals: rough waters.....	83
<b>nutrition, food &amp; healthful eating .....</b>	<b>85</b>
<b>Eat like your ancestors .....</b>	<b>87</b>
□ Diseases of civilization .....	87
□ Diet(s) of the caveman .....	87
<b>Eating, intentionally .....</b>	<b>88</b>
□ Small changes move the needle.....	88
□ Dieting through addition .....	89
□ Transparency's effect on behavior.....	90
□ It's b-a-a-a-c-k! .....	90
□ Happy together .....	91
□ Dinner's on.....	91
□ Better for you .....	92
<b>Rethinking good and bad guys.....</b>	<b>94</b>
□ Fat: the bad guy?.....	94
□ Carbs: not created equal.....	95

## HEALTH & WELLNESS BUSINESS TRENDS: THE DECADE AHEAD

□ The new bad guys.....	96
<b>Living without .....</b>	<b>100</b>
□ Gluten-free .....	100
□ Allergens and sensitivities.....	101
□ “Free from” .....	101
□ The ironies of living without.....	102
<b>Eating your politics .....</b>	<b>102</b>
□ The labeling frenzy continues.....	102
□ Au naturel.....	104
□ Politics versus purchase.....	104
□ Lonely locavores .....	105
□ On the shelves.....	105
□ Food deserts.....	106
<b>Food as medicine .....</b>	<b>106</b>
□ Nutrigenomics .....	106
□ Food with a purpose .....	107
□ Pharmaceuticals .....	108
□ Medical foods .....	108
<b>Better living through technology .....</b>	<b>109</b>
□ Genetically modified foods.....	109
□ Engineered foods .....	110
□ Nanotechnology .....	111
□ Frankenfood .....	111
<b>The public health police .....</b>	<b>112</b>
□ Crisis of credibility .....	112
□ Legislating what we eat.....	114
□ Junk food taxes .....	114
□ Sodium restrictions.....	115
<b>Attack of the killer tomatoes.....</b>	<b>115</b>
□ Food fear .....	116
□ Contamination .....	116
□ Regulatory action .....	116
□ Testing & certification .....	117
<b>Food trends: what's hot/not .....</b>	<b>118</b>
□ Live long, live strong.....	118
□ Superfoods & superfruits .....	119
□ Grains, seeds and oils .....	119
□ Therapeutic foods & home remedies.....	120
□ Synbiotics .....	120
□ Beneficial fungus .....	121
□ Herbal and plant supplements.....	121
□ Vitamin and mineral supplements .....	123
□ Amino acids.....	123
□ MLM products.....	124

<b>mind-body practices.....</b>	<b>125</b>
<b>Old-school yoga: challenged.....</b>	<b>127</b>
<input type="checkbox"/> Beyond the teacher-centered model.....	127
<input type="checkbox"/> The segmentation of yoga .....	128
<input type="checkbox"/> No monopoly on mindfulness.....	129
<input type="checkbox"/> Yoga as a calling.....	130
<input type="checkbox"/> Convergence with fitness .....	130
<b>Reinventing yoga.....</b>	<b>131</b>
<input type="checkbox"/> Consumerization & commercialization.....	131
<input type="checkbox"/> Broadening the definition of yoga .....	132
<input type="checkbox"/> A new yoga vocabulary .....	132
<input type="checkbox"/> A spiritual disconnect.....	133
<input type="checkbox"/> Secularization of yoga.....	133
<input type="checkbox"/> Christianization of yoga .....	134
<b>Expanding yoga's reach.....</b>	<b>135</b>
<input type="checkbox"/> Plus-size yoga.....	135
<b>THAT's yoga?!.....</b>	<b>135</b>
<b>Does mindfulness even matter? .....</b>	<b>137</b>
<b>Rx: yoga .....</b>	<b>138</b>
<input type="checkbox"/> Health promotion and enhancement .....	138
<input type="checkbox"/> Integrative therapies .....	138
<input type="checkbox"/> Self-care for chronic health concerns .....	139
<input type="checkbox"/> Detoxification & cleansing programs.....	139
<input type="checkbox"/> Mindfulness & behavioral health.....	139
<input type="checkbox"/> The risk of overreaching.....	140
<input type="checkbox"/> Comparative effectiveness research .....	141
<b>Retail (yoga) therapy.....</b>	<b>141</b>
<input type="checkbox"/> Enhancing the practice of yoga .....	141
<input type="checkbox"/> Livin' la vida yoga.....	142
<b>Ethics, licensing and regulation .....</b>	<b>142</b>
<input type="checkbox"/> Voluntary ethical and conduct codes .....	143
<input type="checkbox"/> Different rules for different players.....	143
<b>complementary &amp; alternative medicine. 145</b>	
<b>To know CAM is to love CAM .....</b>	<b>147</b>
<input type="checkbox"/> More visits, more spending.....	147
<input type="checkbox"/> CAM for kids .....	148
<input type="checkbox"/> Comparative effectiveness research .....	149
<b>Don't make me think .....</b>	<b>150</b>
<input type="checkbox"/> Wellness centers .....	150
<input type="checkbox"/> Integrative medicine centers.....	151
<input type="checkbox"/> Worksite clinics .....	151

<b>Ayurvedic medicine &amp; naturopathy .....</b>	<b>151</b>
<input type="checkbox"/> On yoga's coattails .....	152
<input type="checkbox"/> Sunshine on my shoulders .....	152
<input type="checkbox"/> Other alternative medical systems .....	153
<input type="checkbox"/> Chelation .....	154
<b>Bodywork.....</b>	<b>155</b>
<input type="checkbox"/> Chiropractic and osteopathic manipulation.....	155
<input type="checkbox"/> Pain management & rehab.....	156
<input type="checkbox"/> Stress reduction and relaxation .....	157
<b>Acupuncture - almost accepted .....</b>	<b>158</b>
<b>Energy medicine .....</b>	<b>159</b>
<input type="checkbox"/> Electromagnetic and light therapies .....	159
<input type="checkbox"/> Non-invasive light and laser therapies .....	160
<input type="checkbox"/> Hey, it can't hurt! .....	160
<input type="checkbox"/> Other energy practices: fizzling.....	161
<b>Homeopathy .....</b>	<b>163</b>
<b>Regulation and certification .....</b>	<b>164</b>
<b>healthcare &amp; medicine.....</b>	<b>165</b>
<b>Healthcare vs sickcare.....</b>	<b>167</b>
<input type="checkbox"/> Insurance reform vs healthcare reform .....	167
<input type="checkbox"/> Prevention vs treatment .....	167
<b>Connecting the dots.....</b>	<b>168</b>
<input type="checkbox"/> Medical homes.....	169
<input type="checkbox"/> Care coordination .....	171
<input type="checkbox"/> Health coaches.....	172
<b>Consumerism .....</b>	<b>172</b>
<input type="checkbox"/> Would you ask your doctor this question? .....	172
<input type="checkbox"/> Honesty is its own reward .....	173
<input type="checkbox"/> Self-care .....	174
<b>Evidence-based medicine .....</b>	<b>176</b>
<input type="checkbox"/> Novel concepts: safety & efficacy .....	176
<input type="checkbox"/> Comparative effectiveness research .....	176
<input type="checkbox"/> Pay for performance .....	178
<b>Technology and pharma .....</b>	<b>179</b>
<input type="checkbox"/> Electronic medical records .....	179
<input type="checkbox"/> Personalized medicine.....	180
<b>Managing healthcare like a business .....</b>	<b>182</b>
<input type="checkbox"/> Automating healthcare .....	182
<input type="checkbox"/> Quality management and process improvement .....	183
<input type="checkbox"/> Here, there and everywhere.....	184
<b>Shifting sands for health professionals .....</b>	<b>185</b>

## HEALTH & WELLNESS BUSINESS TRENDS: THE DECADE AHEAD

□ Top of license .....	185
□ New allied health professions .....	186
□ Healthcare careers in demand .....	186
<b>obesity &amp; diabetes .....</b>	<b>191</b>
<b>Eat less, move more...right? .....</b>	<b>193</b>
□ Obesity: complex interrelated causes .....	193
□ Appetite and satiety .....	193
□ The dopamine circuit.....	194
□ Infectobesity.....	194
□ Metabolic efficiency .....	195
□ Fat storage systems.....	195
□ Western diet .....	196
□ Obesogens .....	196
□ Genetic predisposition .....	197
□ Metabolic syndrome: shaky consensus .....	197
□ Type 2 diabetes: polygenic .....	199
<b>Demographic trends.....</b>	<b>200</b>
□ Adult obesity trends.....	200
□ Children's obesity trends .....	203
□ Metabolic syndrome trends .....	204
□ Type 2 diabetes trends .....	205
<b>Obesity &amp; diabetes - complex causes.....</b>	<b>205</b>
□ Eat less, move more...right? .....	206
□ Moving obesity treatment goalposts.....	207
□ Reframing obesity .....	208
□ Physical inactivity: new disease?.....	210
□ Individual treatment vs population prevention .....	210
□ Beyond BMI.....	211
<b>Interventions .....</b>	<b>212</b>
□ Setting patients up - to succeed.....	212
□ Lifestyle change programs .....	213
□ Medications .....	214
□ Devices & surgery .....	221
<b>Society, friends and family .....</b>	<b>224</b>
□ The fat gap.....	224
□ Fat acceptance.....	225
□ Overweight and healthy? .....	226
□ Social contagion .....	227
<b>Prevention .....</b>	<b>228</b>
□ Obesogenic environment .....	228
□ Information access .....	230
□ Food access .....	230
□ At school.....	231
□ At home .....	232

□ A public health Catch-22?.....	233
□ Obesity report cards .....	234
<b>longevity, aging &amp; older adults .....</b>	<b>236</b>
<b>Demographics.....</b>	<b>238</b>
□ Dramatic growth .....	238
□ Cultural variations .....	238
<b>Hope I die before I get old .....</b>	<b>239</b>
□ Theories of aging .....	239
□ Biological age.....	240
□ Rejuvenation medicine.....	241
□ Longevity research .....	241
□ Calorie restriction (VLC).....	242
□ Life extension drugs & supplements.....	243
□ Anti-aging solutions .....	245
<b>Active aging.....</b>	<b>246</b>
□ Anti-aging and men.....	247
□ Compression of disability and morbidity .....	247
□ Healthy life-years.....	248
<b>Aging in place: daunting logistics.....</b>	<b>249</b>
□ Care venues .....	249
□ Creative - and cheaper - care .....	250
□ Eldercare professions.....	252
□ Unwanted second career .....	254
□ Caregiver wellness.....	255
<b>Technology .....</b>	<b>256</b>
□ Older adults & technology .....	256
□ Telecare.....	256
□ Telehealth .....	258
<b>Medicalization of aging .....</b>	<b>258</b>
□ Menopause and andropause .....	259
□ Stress and grief.....	259
<b>Dementia .....</b>	<b>260</b>
□ A new psychiatric population.....	260
□ Unclear causes .....	260
□ Beyond Alzheimer's disease.....	261
□ Expanding diagnostic criteria .....	262
<b>Mindful aging .....</b>	<b>263</b>
□ Aging with intention.....	263
□ Exhaustion medicine .....	263
□ Slow medicine.....	264
□ Palliative care .....	265