



## **TRAIL GUIDE TO THE BODY, 4<sup>th</sup> edition – Page Number Changes**

From the 3<sup>rd</sup> edition to the 4<sup>th</sup> edition

|  | <b>3rd pg #</b> | <b>4<sup>th</sup> pg #</b> |
|--|-----------------|----------------------------|
| Introduction - Tour Guide Tips                   | 11              | 1                          |
| How To Use This Book                             | 12              | 2                          |
| Key  | 13              | 3                          |
| Palpation Hints                                  | 14              | 4                          |
| Creating Your Palpatory Journal                  | 19              | 9                          |
| Exploring the Textural Differences of Structures | 20              | 10                         |
| Learning Objectives                              | -               | 18                         |
|  |                 |                            |
| <b>Navigating the Body</b>                       | 29              | 19                         |
| Regions of the Body                              | 30              | 20                         |
| Planes of Movement                               | 31              | 21                         |
| Directions and Positions                         | 31              | 21                         |
| Movements of the Body                            | 32              | 23                         |
| Systems of the Body                              | 40              | 32                         |
| The Skeletal System                              | 40              | 32                         |
| Types of Joints                                  | 42              | 34                         |
| The Muscular System                              | 43              | 35                         |
| The Fascial System                               | 46              | 38                         |
| The Cardiovascular System                        | 48              | 40                         |
| The Nervous System                               | 50              | 42                         |
| The Lymphatic System                             | 51              | 43                         |
|  |                 |                            |
| <b>Shoulder &amp; Arm</b>                        | 53              | 45                         |
| Topographical Views                              | 54              | 46                         |
| Exploring the Skin and Fascia                    | 55              | 47                         |
| Bones of the Shoulder and Arm                    | 56              | 48                         |
| The Scapula                                      | -               | 49                         |
| The Humerus and Clavicle                         | -               | 50                         |
| Bony Landmarks Trails                            | 59              | 51                         |
|  |                 |                            |
| <b>Muscles of the Shoulder &amp; Arm</b>         | 69              | 61                         |
| Synergists – Muscles Working Together            | 71              | 63                         |
| Deltoid  | 75              | 67                         |
| Trapezius  | 76              | 68                         |
| Latissimus Dorsi and Teres Major                 | 79              | 71                         |
| Rotator Cuff Muscles                             | 82              | 74                         |
| Rotator Cuff Tendons                             | 87              | 79                         |
| Rhomboid Major & Minor                           | 90              | 82                         |
| Levator Scapula                                  | 91              | 83                         |
| Serratus Anterior                                | 94              | 86                         |
| Sternalis  | -               | 88                         |
| Pectoralis Major                                 | 97              | 89                         |
| Pectoralis Minor                                 | 100             | 92                         |
| Subclavius                                       | 102             | 94                         |
| Biceps Brachii                                   | 103             | 95                         |
| Triceps Brachii                                  | 105             | 97                         |
| Coracobrachialis                                 | 107             | 99                         |
|  |                 |                            |
| Other Structures of the Shoulder and Arm         | 108             | 100                        |

|  |     |     |
|--|-----|-----|
| <b>Forearm &amp; Hand</b>                        | 115 | 107 |
| Topographical Views                              | 116 | 108 |
| Exploring the Skin and Fascia                    | 117 | 109 |
| Bones of the Forearm and Hand                    | 118 | 110 |
| Bony Landmarks                                   | 119 | 111 |
| The Ulna and Radius                              | -   | 112 |
| Bony Landmark Trails                             | 121 | 113 |
|  |     |     |
| <b>Muscles of the Forearm &amp; Hand</b>         | 135 | 127 |
| Synergists – Muscles Working Together            | 138 | 130 |
| Brachialis                                       | 140 | 132 |
| Brachioradialis                                  | 141 | 133 |
| Distinguishing Between the Flexors and Extensors | 142 | 134 |
| Extensors of the Wrist and Fingers               | 143 | 135 |
| Anconeus   | 147 | 139 |
| Extensor Indicis                                 | 147 | 139 |
| Flexors of the Wrist and Fingers                 | 148 | 140 |
| Pronator Teres                                   | 154 | 146 |
| Pronator Quadratus                               | 155 | 147 |
| Supinator  | 155 | 147 |
| Muscles of the Thumb and Hand                    | 157 | 149 |
| Muscles of the Thumb                             | 163 | 151 |
| Muscles of the Hand                              | -   | 157 |
|  |     |     |
| Other Structures of the Forearm and Hand         | 166 | 160 |
|  |     |     |
| <b>Spine &amp; Thorax</b>                        | 173 | 167 |
| Topographical Views                              | 174 | 168 |
| Exploring the Skin and Fascia                    | 175 | 169 |
| Bones of the Spine and Thorax                    | 176 | 170 |
| Bony Landmarks                                   | 177 | 171 |
| Bony Landmark Trails                             | 180 | 174 |
|  |     |     |
| <b>Muscles of the Spine and Thorax</b>           | 194 | 188 |
| Synergists – Muscles Working Together            | 200 | 194 |
| Erector Spinae Group                             | 202 | 196 |
| Transversospinalis Group                         | 206 | 200 |
| Splenius Capitis and Cervicis                    | 209 | 203 |
| Suboccipitals                                    | 211 | 205 |
| Quadratus Lumborum                               | 213 | 207 |
| Abdominals                                       | 215 | 209 |
| Diaphragm  | 219 | 213 |
| Intercostals                                     | 221 | 215 |
| Serratus Posterior Superior & Inferior           | 222 | 216 |
| Intertransversarii                               | 223 | 217 |
| Interspinalis                                    | 223 | 217 |
|  |     |     |
| Other Structures of the Spine and Thorax         | 224 | 218 |
|  |     |     |
| <b>Head, Neck &amp; Face</b>                     | 231 | 225 |
| Topographical Views                              | 232 | 226 |
| Exploring the Skin and Fascia                    | 233 | 227 |
| Bones and Bony Landmarks                         | 234 | 228 |
| Bony Landmark Trails                             | 236 | 230 |
|  |     |     |
| <b>Muscles of the Head, Neck &amp; Face</b>      | 246 | 240 |
| Synergists – Muscles Working Together            | 248 | 242 |
| Sternocleidomastoid                              | 250 | 244 |
| Scalenes   | 252 | 246 |
| Masseter   | 256 | 250 |

|  |     |     |
|--|-----|-----|
| Temporalis                                     | 257 | 251 |
| Suprahyoids and Digastric                      | 259 | 253 |
| Infrahyoids                                    | 261 | 255 |
| Platysma                                       | 263 | 257 |
| Occipitofrontalis                              | 263 | 258 |
| Medial and Lateral Pterygoid                   | 265 | 259 |
| Longus Capitis and Longus Colli                | 266 | 260 |
| Muscles of Facial Expression                   | -   | 261 |
| Other Structures of the Head, Neck and Face    | 267 | 270 |
|  |     |     |
| <b>Pelvis &amp; Thigh</b>                      | 273 | 275 |
| Topographical Views                            | 274 | 276 |
| Exploring the Skin and Fascia                  | 275 | 277 |
| Bones of the Pelvis and Thigh                  | 276 | 278 |
| Bony Landmarks of the Pelvis and Thigh         | 277 | 279 |
| Bony Landmarks of the Hip                      | -   | 281 |
| The Sacrum and Coccyx                          | -   | 282 |
| The Femur                                      | -   | 283 |
| Bony Landmark Trails                           | 282 | 284 |
|  |     |     |
| <b>Muscles of the Pelvis &amp; Thigh</b>       | 294 | 296 |
| Perineum and Pelvic Floor                      | -   | 300 |
| Synergists – Muscles Working Together          | 296 | 302 |
| Quadriceps Femoris Group                       | 300 | 306 |
| Hamstrings                                     | 305 | 311 |
| Gluteals                                       | 309 | 315 |
| Adductor Group                                 | 313 | 319 |
| Tensor Fasciae Latae and Iliotibial Tract      | 318 | 324 |
| Sartorius                                      | 320 | 326 |
| Tendons of the Posterior Knee                  | 321 | 327 |
| Lateral Rotators of the Hip                    | 322 | 328 |
| Iliopsoas                                      | 328 | 332 |
|  |     |     |
| Other Structures of the Pelvis and Thigh       | 330 | 336 |
|  |     |     |
| <b>Leg &amp; Foot</b>                          | 337 | 343 |
| Topographical Views                            | 338 | 344 |
| Exploring the Skin and Fascia                  | 339 | 345 |
| Bones of the Knee, Leg and Foot                | 340 | 346 |
| The Tibia, Fibula and Patella                  | -   | 347 |
| Bony Landmarks of the Knee and Leg             | 341 | 348 |
| Bony Landmarks Trails of the Knee              | 343 | 349 |
| Bones and Bony Landmarks of the Ankle and Foot | 348 | 354 |
| Bony Landmarks Trails of the Ankle and Foot    | 350 | 356 |
|  |     |     |
| <b>Muscles of the Leg &amp; Foot</b>           | 360 | 366 |
| Synergists – Muscles Working Together          | 362 | 369 |
| Gastrocnemius and Soleus                       | 364 | 371 |
| Plantaris                                      | 367 | 374 |
| Popliteus                                      | 368 | 375 |
| Peroneus Longus and Brevis                     | 369 | 376 |
| Extensors of the Ankle and Toes                | 371 | 378 |
| Flexors of the Ankle and Toes                  | 374 | 381 |
| Muscles of the Foot                            | 377 | 384 |
| Other Muscles of the Foot                      | -   | 390 |
| Other Structures of the Knee and Leg           | 382 | 392 |
| Other Structures of the Ankle and Foot         | 388 | 398 |
|  |     |     |
| Muscles of Facial Expression Attachment Sites  | -   | 407 |
| Synergists - Muscles Working Together          | 397 | 408 |

|   |     |     |
|---|-----|-----|
| Glossary of Terms                               | 400 | 412 |
| Pronunciation and Etymology of Anatomical Terms | 404 | 414 |
| Bibliography                                    | 408 | 418 |
| Index   | 410 | 420 |