## Classification of the observed abnormalities in the orthopedic examination

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| **Summarized concept** | **Included abnormalities** |
| Shoulder abnormalities | * Shoulder tilt
* Scapula alata
* Shoulder mobility
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| Upper body and spine abnormalities | * Waist triangle
* Rib hump
* Lumbar roll
* Cervical lordosis
* Thoracic kyphosis
* Lumbar lordosis
* Thoracic shape
* Spinal rotation
* Spinal lateral tilt
* Spinal reclination
* Plumb line deviation
 |
| Lower extremity abnormalities | * Leg axis
* Foot position
* Knee axis
* Gait pattern
* Single-leg stance
* Toe walking
* Heel walking
* Pelvic tilt
* Hip mobility
* Leg length discrepancy
 |
| Muscular abnormalities | * Increased paravertebral muscle tone
* Trapezius muscle tone increase
* Quadriceps muscle shortening
* Hamstring muscle shortening
* Strength assessment
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| Pain | * Spinal percussion tenderness
* Kidney percussion tenderness
* Sacroiliac joint tenderness
* Acute back pain
* Localization of back pain
* Triggers of back pain
* Positive Lasègue test
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