

Features:

- Presents dedicated chapters on tendons and myotendinous junction which are anatomical components frequently ignored in the study of muscles
- Includes descriptions of diabetic foot myopathies featured by magnetic resonance imaging (MRI)
- Provides illustrations of myopathies and tendinopathies with state-of-the-art MRI images and MR imaging protocols for myopathies
- Covers anatomical and biomechanic descriptions of all intrinsic and extrinsic muscles

Περιεχόμενα:

1. The intrinsic foot muscles: descriptive anatomy
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2. Biomechanics of the intrinsic muscles
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3. Anatomy of the extrinsic muscles
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5. The skeletal muscle: composition and biomechanics
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6. The concept of diabetic myopathy
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7. Epidemiology and socio-economic impact of type 2 diabetes
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8. Pathophysiology of type II diabetes mellitus
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9. Muscle edema, pathophysiology and MRI
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10. Skeletal muscle atrophy
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12. Skeletal muscle infarction in the diabetic foot
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13. Skeletal muscle denervation in the diabetic foot
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14. The myotendinous junction
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15. Tendons of the ankle-foot unit: anatomy and biomechanics
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16. Tendinopathies in the diabetic foot

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17. Achilles tendinopathies in the diabetic foot

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18. Imaging of the diabetic foot

Claude Pierre-Jerome

19. Emerging imaging modalities for assessment of the diabetic foot

Claude Pierre-Jerome

20. Surgical approach and follow-up of the complicated diabetic foot: general considerations

Martin Jervis Nsubuga and Claude Pierre-Jerome

21. The plantar aponeurosis: anatomy, biomechanics and pathologies in the diabetic foot

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22. The peripheral nervous system: peripheral neuropathies in the diabetic foot

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