

BÖLÜM

15

AYAK BİLEĞİ VE AYAK TRAVMA ve SPOR YARALANMALARI

Esin Kurtuluş ÖZTÜRK¹

Vaka 1: Stres Fraktürü

Vaka 2: Talus Osteokondral Lezyonu

Vaka 3: Freiberg Avasküler Nekrozu

Vaka 4: Anterior Talofibular Ligaman Yaralanması

Vaka 5: Fleksör Hallusis Longus Tenosinoviti

Vaka 6: Aşil Tendon Ruptürü

Vaka 7: Posterior Sıkışma Sendromu

Vaka 8: Tarsal Sinüs Sendromu

Vaka 9: Plantar Fasiit

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KAYNAKLAR

1. Dähnert W. *Radiology Review Manual*. 4th ed. Baltimore: Williams&Wilkins; 1999. p. 692-3.
2. Rosenberg ZS, Beltran J, Bencardino JT. From the RSNA Refresher Courses. Radiological Society of North America. MR imaging of the ankle and foot. *Radiographics*. 2000;20 SpecNo:S153-S179.
3. Astur DC, Zanatta F, Arliani GG, et al. Stress fractures: definition, diagnosis and treatment. *Rev Bras Ortop*. 2015;51(1):3-10. Published 2015 Dec 30. doi:10.1016/j.rboe.2015.12.008
4. Berger FH, de Jonge MC, Maas M. Stress fractures in the lower extremity. The importance of increasing awareness amongst radiologists. *Eur J Radiol*. 2007;62(1):16-26. doi: 10.1016/j.ejrad.2007.01.014
5. Romani WA, Gieck JH, Perrin DH, et al. Mechanisms and management of stress fractures in physically active persons. *J Athl Train*. 2002;37(3):306-314.
6. Bachmann LM, Kolb E, Koller MT, et al. Accuracy of Ottawa ankle rules to exclude fractures of the ankle and mid-foot: systematic review. *BMJ*. 2003;326(7386):417. doi:10.1136/bmj.326.7386.417
7. Stoller DW, Tirman P, Bredella M et al. *Diagnostic Imaging Orthopaedics* e-book AMIRSYS 2004
8. Posadzy M, Desimpel J, Vanhoenacker F. Staging of Osteochondral Lesions of the Talus: MRI and Cone Beam CT. *J Belg Soc Radiol*. 2017;101(Suppl 2):1. Published 2017 Dec 16. doi:10.5334/jbr-btr.1377
9. Spouge AR, Pope TL *Practical MRI of the Foot and Ankle* e-book CRC Press; 1 edition 2000
10. Looze CA, Capo J, Ryan MK, et al. Evaluation and Management of Osteochondral Lesions of the Talus. *Cartilage*. 2017;8(1):19-30. doi:10.1177/194.760.3516670708
11. Akmeşe, Ramazan & Ertan, Mehmet. (2018). Ayak bileği osteokondral lezyonları. *TOTBID Dergisi*. 17. 10.14292/totbid.dergisi.2018.03.
12. Blankenbaker, Donna G., and Kirkland W. Davis. *Diagnostic imaging: musculoskeletal trauma e-book*. Elsevier Health Sciences, 2016.
13. Cerrato RA. Freiberg's disease. *Foot Ankle Clin*. 2011;16(4):647-658. doi:10.1016/j.fcl.2011.08.008
14. Wax A, Leland R. Freiberg Disease and Avascular Necrosis of the Metatarsal Heads. *Foot Ankle Clin*. 2019;24(1):69-82. doi:10.1016/j.fcl.2018.11.003
15. Smillie IS. Treatment of Freiberg's infraction. *Proc R Soc Med*. 1967;60(1):29-31.
16. Al-Mohrej OA, Al-Kenani NS. Acute ankle sprain: conservative or surgical approach?. *EFORT Open Rev*. 2017;1(2):34-44. Published 2017 Mar 13. doi:10.1302/2058-5241.1.000010
17. Linklater JM, Hayter CL, Vu D. Imaging of Acute Capsuloligamentous Sports Injuries in the Ankle and Foot: *Sports Imaging Series. Radiology*. 2017;283(3):644-662. doi: 10.1148/radiol.201715.2442
18. Michelson J, Dunn L. Tenosynovitis of the flexor hallucis longus: a clinical study of the spectrum of presentation and treatment. *Foot Ankle Int*. 2005;26(4):291-303. doi:10.1177/107.110.070502600405
19. Chang A, Miller TT. Imaging of tendons. *Sports Health*. 2009;1(4):293-300. doi:10.1177/194.173.8109338361
20. Schweitzer ME, Karasick D. MR imaging of disorders of the Achilles tendon. *AJR Am J Roentgenol*. 2000;175(3):613-625. doi:10.2214/ajr.175.3.1750613
21. Weatherall JM, Mroczek K, Tejwani N. Acute achilles tendon ruptures. *Orthopedics*. 2010;33(10):758-764. doi:10.3928/01477.447.20100826-21
22. Pierre-Jerome C, Moncayo V, Terk MR. MRI of the Achilles tendon: a comprehensive review of the anatomy, biomechanics, and imaging of overuse tendinopathies. *Acta Radiol*. 2010;51(4):438-454. doi:10.3109/028.418.51003627809
23. Al-Riyami AM, Tan HK, Peh WCG. Imaging of Ankle Impingement Syndromes. *Can Assoc Radiol J*. 2017;68(4):431-437. doi:10.1016/j.carj.2017.04.001
24. LiMarzi GM, Khan O, Shah Y, Yablon CM. Imaging Manifestations of Ankle Impingement Syndromes. *Radiol Clin North Am*. 2018;56(6):893-916. doi:10.1016/j.rcl.2018.06.005
25. Hayashi D, Roemer FW, D'Hooghe P, Guermazi A. Posterior ankle impingement in athletes: Pathogenesis, imaging features and differential diagnoses. *Eur J Radiol*. 2015;84(11):2231-2241. doi:10.1016/j.ejrad.2015.07.017
26. Lee KB, Bai LB, Park JG, Song EK, Lee JJ. Efficacy of MRI versus arthroscopy for evaluation of sinus tarsi syndrome. *Foot Ankle Int*. 2008;29(11):1111-1116. doi:10.3113/FAI.2008.1111
27. Lektrakul N, Chung CB, Lai Ym, et al. Tarsal sinus: arthrographic, MR imaging, MR arthrographic, and pathologic findings in cadavers and retrospective study data in patients with sinus tarsi syndrome. *Radiology*. 2001;219(3):802-810. doi:10.1148/radiology.219.3.r01jn31802
28. Narváez JA, Narváez J, Ortega R, Aguilera C, Sánchez A, Andía E. Painful heel: MR imaging findings. *Radiographics*. 2000;20(2):333-352. doi:10.1148/radiographics.20.2.g00mc09333